

**A LIST OF
BILATERAL CIVILIAN
NUCLEAR CO-OPERATION
AGREEMENTS**

**VOLUME 3:
GERMANY (FEDERAL REPUBLIC OF) – RUSSIA (USSR)**

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To my wife, Meeta

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GERMANY, FEDERAL REPUBLIC OF

1317. **GERMANY, FEDERAL REPUBLIC OF**, and **ALBANIA**. Environmental Protection Agreement. Signed October 13, 1992. **Termination:** unknown. **Source:** NLB 52:80. FRGB 1993 II p. 60. **Note:** This might include references to nuclear safety and radiation protection.
0164. **GERMANY, FEDERAL REPUBLIC OF**, and **ARGENTINA**. Basic Agreement Concerning Co-operation in Scientific Research and Technological Development. Signed March 31, 1969; in force October 22, 1969. **Termination:** indefinite duration. **Source:** UNTS 10188. AM 1976. **Note:** This contains a reference to the Argentina-Euratom agreement of September 4, 1962, sequence 0165. Argentine Foreign Ministry reports indicate that nuclear co-operation issues arose in discussions under this Argentina-Federal Republic of Germany agreement in 1972 and 1976.
0401. **GERMANY, FEDERAL REPUBLIC OF**, and **ARGENTINA**. Note Regarding the Gift of a SUR-100 Reactor. Signed June 23, 1971; in force October 22, 1971. **Termination:** no specific provision. **Source:** AR 1971:126.
1063. **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungszentrum Karlsruhe), and **ARGENTINA** (Comisión Nacional de Energía Atómica). Co-operation Agreement for Peaceful Uses of Nuclear Energy. Signed July 29, 1971; in force July 29, 1971. Modification of Annex, 1972. Plan for 1983-1984, signed 1982. **Termination:** indefinite duration. **Source:** CNEA 1982, 1983, 1986-87, pp. 58-59. NTIS-kfk-2133; NTIS-IAEA-CN-36/198. **Note:** This apparently was signed under the agreement of March 31, 1969, sequence number 0164. It seems to include five areas of collaboration: reactor physics; investigations of nuclear physics in particle accelerators; reactor technology; the fuel cycle; and radiological control and safety. The annex, apparently subject to annual revisions, was modified in 1972 to include training.
0443. **GERMANY, FEDERAL REPUBLIC OF**, and **ARGENTINA**. Safeguards for the Atucha Reactor. Signed September 7, 1976. **Termination:** unknown. **Source:** AM 1976.
1064. **GERMANY, FEDERAL REPUBLIC OF** and **ARGENTINA**. Agreement to Implement the Contract of August 13, 1976, between the Comisión Nacional de Energía Atómica and the Reaktor Brennelement Union GmbH Hanau. Signed January 13, 1977. **Termination:** unknown. **Source:** referenced in the IAEA-Argentina agreement of July 22, 1977, UNTS 16206 and INFCIRC/250. **Note:** This concerns co-operation in the area of fuel fabrication.
0444. **GERMANY, FEDERAL REPUBLIC OF**, and **ARGENTINA**. Exchange of Notes Formalizing an Accord on the Provision of Technology for the Construction of the Atucha II Reactor. Signed May 8, 1980. **Termination:** un-

known. **Source:** AM 1980. Referenced in UNTS 20960.

0445. **GERMANY, FEDERAL REPUBLIC OF** (Ministry of the Interior), and **ARGENTINA** (Comisión Nacional de Energía Atómica). Exchange of Technical Information in the Field of Nuclear Safety. Signed October 8, 1981; in force October 8, 1981. **Termination:** indefinite duration. **Source:** AM 1981. NEA Vol. II p. 116. FRGB 1981:959. IAEA p. 32. NLB 28:43-44.
1638. **GERMANY, FEDERAL REPUBLIC OF** (Gesellschaft für Anlagen Reaktorsicherheit mbH) and **ARGENTINA** (Autoridad Regulatoria Nuclear). Exchange of Experiences in the Field of Nuclear Safety. Signed September 24, 1998. **Termination:** unknown. **Source:** ARN Annual Report 1998, 2001. **Note:** see also the agreement of November 28, 2005, sequence number 1835.
1835. **GERMANY, FEDERAL REPUBLIC OF** (Gesellschaft für Anlagen Reaktorsicherheit mbH) and **ARGENTINA** (Autoridad Regulatoria Nuclear). Arrangement for Consultancy Work and Services for Licensing of Atucha II. Signed November 28, 2005. **Termination:** unknown. **Source:** ARN 2005. **Note:** This comes under the agreement of September 24, 1998, sequence number 1638.
1547. **GERMANY, FEDERAL REPUBLIC OF** and **AUSTRIA**. Agreement concerning Mutual Assistance in the Event of Disasters or Serious Accidents. Signed December 23, 1988; in force October 1, 1992. **Termination:** indefinite duration. **Source:** UNTS 299224. NLB 51:84. FRGB 1992 II p. 206.
1334. **GERMANY, FEDERAL REPUBLIC OF** and **AUSTRIA**. Agreement on Exchange of Information and Experience in the Field of Radiation Protection. Signed July 1 and August 3, 1993; in force December 1, 1994. **Termination:** indefinite duration. **Source:** NLB 57:86. UNTS 35108. **Note:** This carries over the Austrian-GDR agreement of May 3, 1988, sequence number 0743.
0930. **GERMANY, FEDERAL REPUBLIC OF**, and **BELGIUM**. Collaboration in the Development and Marketing of Fast Breeder Reactors. Signed January 1967. **Termination:** unknown. **Source:** NEA Vol. II, p. 48.
0486. **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungszentrum Karlsruhe), and **BELGIUM** (Centre d'Etude de l'Energie Nucléaire/Studiecentrum voor Kernenergie). Utilization of the BR-2 Reactor. Signed December 9, 1968; in force January 1, 1969. Amended December 6, 1973. **Termination:** December, 1976. **Source:** BEC 1969, No. 3, p. 55. IAEA GC(XIII)/INF/113/Rev. 1, p. 7. IAEA GC(XVIII)/INF/149/Add. 5, p. 2. **Note:** IAEA GC(XIII)/INF/113/Rev. 1, p. 7 notes that this is connected to a program of fast reactor co-operation between the Federal Republic of Germany and the Benelux states. IAEA GC (XVIII)/INF/149/Add. 5, p. 2 notes that this agreement includes an irradiation program regarding fast breeder and high temperatures gas reactors.

0931. **GERMANY, FEDERAL REPUBLIC OF**, and **BELGIUM**. Mutual Assistance in the Event of Catastrophes or Severe Accidents. Signed November 6, 1980; in force May 1, 1984. **Termination:** indefinite duration. **Source:** NLB 31:28-29; 33:33. FRGB 1982:1006. IAEA p. 53. UNTS 23197. **Note:** This includes nuclear emergencies.
1875. **GERMANY, FEDERAL REPUBLIC OF** and **BELGIUM**. Nuclear Co-operation Agreement. Signed February 12, 2004. **Termination:** unknown. **Source:** BELG.
0288. **GERMANY, FEDERAL REPUBLIC OF**, and **BRAZIL**. General Agreement Concerning Co-operation in Scientific Research and Technological Development. Signed June 9, 1969; in force August 12, 1969. **Termination:** February 17, 1997. **Source:** UNTS 11917. CAI 644. **Note:** Nuclear research and the development of nuclear technology are fields in which co-operation is to be considered. See also the agreements of March 8, 1978 (sequences numbers 0412 and 0498) and the agreement of April 23, 1971 (sequence number 0495). Superseded by the agreement of March 20, 1996, sequence number 1553.
0495. **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungsanlage Jülich), and **BRAZIL** (Comissão Nacional de Energia Nuclear). Agreement on Scientific and Technical Co-operation. Signed April 23, 1971; in force April 23, 1971. Amended October 4, 1973; in force October 4, 1973. **Termination:** unknown. **Source:** BR 1971. Rohn 405015; 405016. DAI. UNTS 40025. **Note:** See also the agreement of June 9, 1969, sequence number 0288.
0496. **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungsanlage Jülich), and **BRAZIL** (Conselho Nacional de Pesquisas). Scientific Co-operation. Signed November 18, 1971; in force November 18, 1971. **Termination:** unknown. **Source:** BR 1971. DAI. UNTS 40024.
0935. **GERMANY, FEDERAL REPUBLIC OF**, and **BRAZIL**. Industrial Co-operation in the Field of the Peaceful Uses of Nuclear Energy. Signed October 3, 1974. **Termination:** unknown. **Source:** Referenced in the agreement of June 27, 1975, sequence number 0132.
0132. **GERMANY, FEDERAL REPUBLIC OF**, and **BRAZIL**. Co-operation in the Peaceful Uses of Nuclear Energy. Signed June 27, 1975; in force November 18, 1975. (Implementing agreement and other notes, June 27, 1975.) **Termination:** indefinite duration. **Source:** UNTS 15015. Resenha April-June 1975, pp. 156-159. NLB 16:43. DAI.
0497. **GERMANY, FEDERAL REPUBLIC OF**, and **BRAZIL**. Peaceful Uses of Nuclear Energy. Signed October 1, 1976; in force January 26, 1977. **Termination:** unknown. **Source:** Rohn 405714. DAI.
0498. **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungszentrum Karlsruhe), and **BRAZIL**. Nuclear Co-operation. Signed March 8, 1978; in

force May 31, 1978. **Termination:** indefinite duration. **Source:** UNTS 17663. DAI. **Note:** This follows from the agreements of June 9, 1969, sequence number 0288, and of June 27, 1975, sequence number 0132.

0412. **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungsanlage Jülich), and **BRAZIL** (Secretary of Industrial Technology). Co-operation in the Field of Industrial Technology. Signed March 8, 1978; in force June 15, 1978. **Termination:** indefinite duration. **Source:** UNTS 17664. Resenha January-March 1978, p. 180. DAI. **Note:** This follows from the agreement of June 9, 1969, sequence number 0288.
0356. **GERMANY, FEDERAL REPUBLIC OF** (Minister of the Interior), and **BRAZIL** (Ministry of Mining). Exchange of Technical Information and Co-operation in the Area of Safety. Signed March 10, 1978; in force March 10, 1978. Amended May 30 and July 27, 1983; in force July 27, 1983. **Termination:** indefinite duration. **Source:** FRGB 1978:950, 1983:685. NLB 23: 51, 33:34. UNTS 34858.
0500. **GERMANY, FEDERAL REPUBLIC OF**, and **BRAZIL**. Supply of Enriched Uranium to Brazil. Signed September 1, 1978; in force September 1, 1978. **Termination:** no specific provision. **Source:** UNTS 17665. Resenha July-September 1978, pp. 104-5.
1553. **GERMANY, FEDERAL REPUBLIC OF** and **BRAZIL**. Basic Agreement concerning Co-operation in Scientific Research and Technological Development. Signed March 20, 1996; in force February 18, 1997. **Termination:** indefinite duration. **Source:** UNTS 35890. **Note:** This does not have an explicit reference to nuclear co-operation. However, it supersedes the agreement of June 9, 1969, sequence number 0288, and refers to continuing the co-operation under that agreement. This included nuclear areas.
1352. **GERMANY, FEDERAL REPUBLIC OF** (Federal Minister for the Environment, Nature Conservation and Reactor Safety) and **BULGARIA** (Committee on the Use of Atomic Energy for Peaceful Purposes). Agreement on Nuclear Safety and Radiation Protection. Signed March 26, 1993; in force June 28, 1993. **Termination:** unknown. **Source:** NLB 52:77.
0112. **GERMANY, FEDERAL REPUBLIC OF**, and **CANADA**. Co-operation in the Peaceful Uses of Atomic Energy. Signed December 11, 1957; in force December 18, 1957. **Termination:** indefinite duration. **Source:** UNTS 12344. CTS 1957/29.
1107. **GERMANY, FEDERAL REPUBLIC OF** (Federal Minister for the Environment, Nature Conservation and Nuclear Safety), and **CANADA** (Atomic Energy Control Board). Memorandum of Understanding on Co-operation and Exchange of Information Respecting Nuclear Safety and Radiation Protection. Signed May 23, 1991; in force May 23, 1991. **Termination:** June 1, 1996.

Source: AECB text. NLB 48:61-62.

0360. **GERMANY, FEDERAL REPUBLIC OF**, and **CHILE**. Scientific and Technological Co-operation. Signed August 28, 1970; in force October 23, 1970. **Termination:** indefinite duration. **Source:** FRGB 1971:106. **Note:** This includes nuclear co-operation as an area.
0291. **GERMANY, FEDERAL REPUBLIC OF**, and **CHINA (PRC)**. Co-operation Concerning Peaceful Uses of Nuclear Energy. Signed May 9, 1984; in force May 9, 1984. **Termination:** May 8, 2004. **Source:** UNTS 23388. FRGB 1984:554. ILM 25:369. **Note:** See also the agreement of April 12, 1992, sequence number 1126.
1124. **GERMANY, FEDERAL REPUBLIC OF**, and **CHINA (PRC)**. Scientific and Technical Co-operation and Nuclear Co-operation Agreement. Signed April 11, 1986. **Termination:** unknown. **Source:** FoF 1986:365.
1918. **GERMANY, FEDERAL REPUBLIC OF** and **CHINA (PRC)**. Agreement. Signed 1987. **Termination:** unknown. **Source:** NTI: PRC.
1125. **GERMANY, FEDERAL REPUBLIC OF**, and **CHINA (PRC)**. Nuclear Co-operation Agreement. Signed January 1989. **Termination:** unknown. **Source:** EOS 1:40. **Note:** This is reported to include the construction of a 10 MW high temperature gas-cooled reactor and an intent to build a 300 MW high temperature reactor. The report states that this marks 10 years of research and technical co-operation.
1126. **GERMANY, FEDERAL REPUBLIC OF** (Federal Environment Minister) and **CHINA (PRC)** (National Nuclear Safety Administration). Co-operation Agreement on Radiation Protection and Nuclear Safety. Signed April 12, 1992; in force April 12, 1992. **Termination:** indefinite duration. **Source:** FBIS-WEU April 13, 1992. NLB 51:85; NLB 52:77. **Note:** This arises within the co-operation agreement of May 8, 1984, sequence number 0291.
1146. **GERMANY, FEDERAL REPUBLIC OF**, and **CZECH REPUBLIC** (Czechoslovakia). Agreement on Questions of Common Interest in the Field of Nuclear Safety and Radiation Protection. Signed May 30, 1990; in force August 2, 1990. **Termination:** indefinite duration. **Source:** UNTS 29551. NLB 46:85.1147.
1147. **GERMANY, FEDERAL REPUBLIC OF**, and **CZECH REPUBLIC** (Czechoslovakia). Agreement on Scientific and Technical Co-operation. Signed November 2, 1990; in force November 2, 1990. **Termination:** indefinite duration. **Source:** NLB 47:70. FBIS-EEU November 5, 1990. UNTS 29522. CNRI 1995. **Note:** This includes nuclear co-operation.
1680. **GERMANY, FEDERAL REPUBLIC OF** (Federal Ministry for the Environment, Nature Conservation and Nuclear Safety) and **CZECH REPUBLIC**

(State Office or Nuclear Safety). Agreement for the Exchange of Information in the Nuclear Energy Field. Signed March 17, 1999; in force March 17, 1999. **Termination:** March 16, 2004. **Source:** NLB 64:69.

0951. **GERMANY, FEDERAL REPUBLIC OF** (Federal Minister of the Interior), and **DENMARK** (Minister for Protection of the Environment). Exchange of Information on the Construction of Nuclear Installations Along the Border [safety]. Signed July 4, 1977; in force July 4, 1977. **Termination:** indefinite duration. **Source:** NLB 22:34-35. IAEA p. 127. NTIS Vol. 82, No. 7, p. 1432.
1035. **GERMANY, FEDERAL REPUBLIC OF**, and **DENMARK**. Agreement on Mutual Assistance in the Event of Catastrophes or Severe Accidents. Signed May 16, 1985; in force August 1, 1988. **Termination:** indefinite duration. **Source:** IAEA p. 118. UNTS 26375. **Note:** This includes nuclear accidents.
0952. **GERMANY, FEDERAL REPUBLIC OF**, and **DENMARK**. Exchange of Information and Notification in the Context of Nuclear Facilities [safety]. Signed October 13, 1987. **Termination:** unknown. **Source:** NLB 41:43.
0953. **GERMANY, FEDERAL REPUBLIC OF** (Federal Minister for the Environment, Nature Conservation and Reactor Safety), and **DENMARK** (Minister for Environmental Protection). Nuclear Safety and Radiation Protection. Signed October 13, 1987; in force September 30, 1988. **Termination:** indefinite duration. **Source:** NLB 43:91-92. FRGB 1988:1099. IAEA p. 131.
0361. **GERMANY, FEDERAL REPUBLIC OF**, and **EGYPT**. Peaceful Uses of Nuclear Energy. Signed October 26, 1981; in force March 15, 1982. **Termination:** indefinite duration. **Source:** FRGB 1982: 567. UNTS 22424.
1159. **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungszentrum Karlsruhe), and **EUROPEAN UNION** (Euratom). Construction of a Transuranic Element Institute at Karlsruhe. Signed December 20, 1960. **Termination:** unknown. **Source:** K 1962:18610.
0601. **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungsanlage Jülich), and **EUROPEAN UNION** (Euratom, European Community). Contract of Association in the Field of Thermonuclear Fusion. Signed July 10, 1969. **Termination:** unknown. **Source:** BEC 1969, No. 9/10, p. 58.
0602. **GERMANY, FEDERAL REPUBLIC OF** (Institut für Plasmaphysik), and **EUROPEAN UNION** (Euratom, European Community). Contract of Association in the Field of Thermonuclear Fusion. Signed July 10, 1969. **Termination:** unknown. **Source:** BEC 1969, No. 9/10, p. 58.
1479. **GERMANY, FEDERAL REPUBLIC OF** and **FINLAND**. Prompt Notification of a Nuclear Accident. Signed December 21, 1992; in force May 28, 1993. **Termination:** indefinite duration. **Source:** UNTS 30221.

0105. **GERMANY, FEDERAL REPUBLIC OF** (Minister for Scientific Research), and **FRANCE** (Minister for Scientific Research and for Atomic Energy and Outer Space Affairs). Construction and Operation of an Ultra-High-Flux Reactor. Signed January 19, 1967; in force May 26, 1967. Amended July 6, 1971; in force July 6, 1971. **Termination:** December 31, 1992. **Source:** UNTS 11764. RTAF 1967/44, 1972/17, 1977/52. UKTS 1982/10. FRGB 1967:2430, 1971:1089, 1977:80, 1982:263. NLB 1:32; 9:34. Base Pacte. **Note:** The United Kingdom joined this agreement on July 19, 1974 (in force January 7, 1976). There were further amendments on July 27, 1976 (in force July 27, 1976) and December 9, 1981 (in force December 9, 1981). There may have been preliminary agreements on this reactor on January 16 and July 8, 1965, and December 16, 1966. FoF 1965:19; 1966:485. K 1965:21022; 1967:21796, 21858.
0628. **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungsanlage Jülich), and **FRANCE** (Commissariat à l'Energie Atomique). Irradiation of Experimental Fuel Elements. Signed 1970. **Termination:** unknown. **Source:** CEA 1970.
0629. **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungszentrum Karlsruhe), and **FRANCE** (Commissariat à l'Energie Atomique). Co-operation in a Test Program on the Failure of Fast Reactor Fuel Pins in the CABRI Reactor. Signed December 12, 1973; Amended July 5 and 17, 1974; in force July 17, 1974; Amended October 1 and 21, 1974; in force October 21, 1974. Extended February 16 and March 23, 1981; effective retroactively from December 13, 1980. **Termination:** unknown. **Source:** Referenced in Letter of July 16, 1981 from Kernforschungszentrum Karlsruhe to US Nuclear Regulatory Commission (NRC text). **Note:** The Japan Power Reactor and Nuclear Fuel Development Corporation enters February 25, 1975; the United Kingdom Atomic Energy Authority enters March 12, 1976; the United States Nuclear Regulatory Commission enters June 22, 1978. Once this becomes a multilateral agreement, it is no longer included in the data set.
1038. **GERMANY, FEDERAL REPUBLIC OF** (Federal Minister of the Interior), and **FRANCE** (Ministère de l'Industrie et de la Recherche). Understanding in the Form of an Exchange of Letters on the Exchange of Information and Co-operation in Safety Matters Relating to Nuclear Facilities. Signed January 12 and March 29, 1976; in force March 29, 1976. **Termination:** no specific provision. **Source:** IAEA p. 210. **Note:** This appears to formalize co-operation already occurring and creates a commission.
0630. **GERMANY, FEDERAL REPUBLIC OF**, and **FRANCE**. Accord on Advanced Reactors [fast reactors and high temperature reactors]. Signed May 18, 1976. **Termination:** unknown. **Source:** CEA 1976. PEF 1976. **Note:** There appears to be either three accords or three parts to this accord. K 1976:27867 reports agreements on this date between the Commissariat à l'Energie Atomique, on the one hand, and the private firm Kraftwerk Union and its subsidiary,

Interatom, on the other, in the development, production and sale of fast reactors. The agreements covered: (1) co-operation in research and testing of sodium-cooled breeder reactors; (2) creation of a company to pool expertise and to sell production licenses to third countries; and (3) collaboration to develop a standard fast breeder. There was also mention of Italian financial participation. FoF 1976:372 reports an intergovernmental agreement between France and Germany on this date, creating a consortium. The consortium partners include the Commissariat, Novatome, Interatom, and Westinghouse.

0968. **GERMANY, FEDERAL REPUBLIC OF** and **FRANCE**. Mutual Assistance in the Event of Catastrophes and Grave Disasters. Signed February 3, 1977; in force December 1, 1980. Exchange of Information Regarding Events or Accidents that could have Radiological Consequences [Implementation]. Signed January 28, 1981; in force August 6, 1981. **Termination:** indefinite duration. **Source:** NLB 25:39; 27:26. FRGB 1980:438; 1981:885.. IAEA p. 201. UNTS 19561. RTAF 1984/50. Base Pacte. **Note:** This includes nuclear disasters.
0359. **GERMANY, FEDERAL REPUBLIC OF** (Minister of Science and Technology), and **FRANCE** (Commissariat à l'Energie Atomique). Co-operation in Light Water Reactor Safety. Signed September 28, 1978; in force September 28, 1978. Amended September 28, 1983; in force September 28, 1983. Amended September 28, 1988; in force September 28, 1988. **Termination:** September 27, 1993. **Source:** FRGB 1978:1301, 1984:944, 1989:15. NEA Vol. II p. 115. NLB 23:52.
0632. **GERMANY, FEDERAL REPUBLIC OF**, and **FRANCE** . Exchange of Letters Concerning Plutonium. Signed April 25, 1979. **Termination:** unknown. **Source:** PEF 1979. K 1980:30433. **Note:** K 1980:30433 notes a confirmation of this agreement on May 16, 1979. It concerns the return of plutonium to Germany following its reprocessing at the French plant at Cap La Hague.
1165. **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungszentrum Karlsruhe), and **FRANCE** (Commissariat à l'Energie Atomique). Agreement on the CABRI-2 Program on Fast Reactor Safety. Signed December 5, 1988. **Termination:** unknown. **Source:** CEA 1988.
0969. **GERMANY, FEDERAL REPUBLIC OF**, and **FRANCE**. Joint Declaration on Co-operation in the Peaceful Uses of Nuclear Energy. Signed June 6, 1989. **Termination:** no specific provision. **Source:** NLB 44:60-61. NTIS DE90-635633.
1166. **GERMANY, FEDERAL REPUBLIC OF**, and **FRANCE**. Agreement on Reprocessing Spent Fuel Elements. Signed April 25, 1990; in force April 25, 1990. **Termination:** no specific provision. **Source:** UNTS 27624. NLB 46:85. RTAF 1990/77. Base Pacte.
1392. **GERMANY, FEDERAL REPUBLIC OF** (Bundesministerium für Forschung

und Technologie) and **FRANCE** (Commissariat à l'Energie Atomique). Agreement on Research and Development in Radioactive Waste Treatment and Dispersal. Signed March 1991. **Termination:** unknown. **Source:** CEA 1991.

1167. **GERMANY, FEDERAL REPUBLIC OF** (Federal Ministry for Research and Technology), and **FRANCE** (Commissariat à l'Energie Atomique). Agreement on the Back-End of the Fuel Cycle. Signed May 5, 1991. **Termination:** unknown. **Source:** NLB 48:64. **Note:** This is described as an outline agreement on waste processing, storage and decommissioning, to be implemented by specific agreements.
1168. **GERMANY, FEDERAL REPUBLIC OF**, and **FRANCE**. Formation of a Nuclear Safety Consortium. Signed May 30, 1991. **Termination:** unknown. **Source:** FBIS-WEU June 3, 1991. **Note:** The consortium, Nuclear Power International, is to consist of Siemens-Kraftwerk Union and Framatome.
1169. **GERMANY, FEDERAL REPUBLIC OF**, and **FRANCE**. Joint Declaration on Co-operation in the Field of Nuclear Safety. Signed May 30, 1991. **Termination:** unknown. **Source:** NLB 48:64. **Note:** This concerns the scope and conditions of nuclear safety co-operation with countries in East and Central Europe.
1393. **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungszentrum Karlsruhe?) and **FRANCE** (Commissariat à l'Energie Atomique). Agreement on Severe Accidents in Light Water Reactors, Advanced Reactors and Incineration of Actinides. Signed February 1992. **Termination:** unknown. **Source:** CEA 1991.
0989. **GERMANY, FEDERAL REPUBLIC OF**, and **GERMAN DEMOCRATIC REPUBLIC**. Safety Agreement. Signed September 20, 1973. **Termination:** indefinite duration (the German Republic ceased to exist as of the end of October 2, 1990). **Source:** NLB 14:64. **Note:** This concerns, among other things, measures regarding radiation in the border region.
0991. **GERMANY, FEDERAL REPUBLIC OF**, and **GERMAN DEMOCRATIC REPUBLIC**. Exchange of Information and Experience in the Field of Radiation Protection [safety]. Signed September 8, 1987; in force November 24, 1987. **Termination:** indefinite duration (the German Republic ceased to exist as of the end of October 2, 1990). **Source:** NLB 40:44-45; 41:44. FRGB 1988:159. IAEA p. 233.
1200. **GERMANY, FEDERAL REPUBLIC OF**, and **HUNGARY**. Agreement on Early Notification of a Nuclear Accident and Exchange of Information on Nuclear Installations. Signed September 26, 1990; in force February 7, 1991. **Termination:** indefinite duration. **Source:** UNTS 29504. NLB 47:72. FBIS-EEU September 27, 1990.

1714. **GERMANY, FEDERAL REPUBLIC OF**, and **HUNGARY**. Agreement on Mutual Assistance in the Event of Catastrophe or Severe Accident. Signed June 9, 1997; in force September 11, 1998. **Termination:** indefinite duration. **Source:** NLB 65:61-62. **Note:** This does not explicitly mention nuclear accidents, but apparently does contain a reference to a prior nuclear-related agreement in the preamble.
1201. **GERMANY, FEDERAL REPUBLIC OF**, and **INDIA**. Nuclear Co-operation. Noted 1969. **Termination:** unknown. **Source:** IAEA GC(XIII)/INF/113/Rev. 1, p. 14.
0730. **GERMANY, FEDERAL REPUBLIC OF**, and **INDIA**. Nuclear Co-operation and Space Research. Signed October 5, 1971; in force May 19, 1972. **Termination:** indefinite duration. **Source:** FRGB 1972:1013. NLB 11:36. Rohn 431474. India Bilaterals. **Note:** See also the agreement of January 30, 1974, sequence number 1802.
1802. **GERMANY, FEDERAL REPUBLIC OF**, and **INDIA**. Exchange of Notes for an Arrangement for Scientific Research and Technological Development. Signed January 30 and March 7, 1974; in force May 15, 1974. **Termination:** indefinite duration. **Source:** FRGB 1974:998. **Note:** This refers to further promotion of atomic energy and space research co-operation under the agreement of October 5, 1971, sequence number 0730.
1202. **GERMANY, FEDERAL REPUBLIC OF**, and **INDIA**. Nuclear Co-operation Agreement [safety and medicine]. Signed February 7, 1974. **Termination:** unknown. **Source:** Potter p. 155.
0731. **GERMANY, FEDERAL REPUBLIC OF**, and **INDONESIA**. Co-operation Regarding the Peaceful Uses of Atomic Energy. Signed June 14, 1976; in force February 24, 1977. **Termination:** indefinite duration. **Source:** FRGB 1977:362. Rohn 495125. UNTS 21041.
0732. **GERMANY, FEDERAL REPUBLIC OF**, and **INDONESIA**. Co-operation on the General Survey and Exploration of Uranium Minerals in West Sumatra. Signed June 14, 1976; in force February 24, 1977. **Termination:** February 23, 1984. **Source:** FRGB 1977:366. UNTS 21039.
0733. **GERMANY, FEDERAL REPUBLIC OF**, and **INDONESIA**. Arrangement concerning Co-operation between the Bundesanstalt für Geowissenschaften und Rohstoffe and the Badan Tenaga Atom Nasional [geology and prospecting]. Signed July 14, 1976; in force February 24, 1977. **Termination:** June 14, 1979. **Source:** FRGB 1977:373, 1982:839. UNTS 21040.
0734. **GERMANY, FEDERAL REPUBLIC OF**, and **IRAN**. Scientific and Technical Co-operation. Signed June 30, 1975; in force November 21, 1977. **Termination:** indefinite duration. **Source:** FRGB 1978:280. **Note:** This contains a reference to co-operation in nuclear energy. After the fall of the Shah in 1979,

co-operation between the two states broke down. See also the agreement of July 4, 1976, sequence number 0735.

0735. **GERMANY, FEDERAL REPUBLIC OF** (Federal Minister for Research and Technology), and **IRAN** (Atomic Energy Organization). Co-operation in the Peaceful Uses of Nuclear Energy. Signed July 4, 1976; in force November 21, 1977. **Termination:** November 19, 2006. **Source:** FRGB 1978:284, 2007:809. NTI: Iran. **Note:** This arises under the agreement of June 30, 1975, in force November 21, 1977, sequence number 0734. After the fall of the Shah in 1979, co-operation between the two states broke down. NTI: Iran gives a date of July 1, 1976.
0736. **GERMANY, FEDERAL REPUBLIC OF**, and **JAPAN**. Exchange of Letters Concerning Closer Relations in the Field of Peaceful Uses of Nuclear Energy. Signed March 10, 1959. **Termination:** unknown. **Source:** GAK 706-7080.
1203. **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungszentrum Karlsruhe?), and **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation). Agreement for Exchange of Information on Fast Breeder Reactors. Signed May 1971. **Termination:** five years duration. **Source:** K 1972:25292.
0266. **GERMANY, FEDERAL REPUBLIC OF**, and **JAPAN**. Co-operation in the Field of Science and Technology. Signed October 8, 1974; in force October 8, 1974. **Termination:** indefinite duration. **Source:** UNTS 14371. FRGB 1974:1326. **Note:** Nuclear ship development and reactor safety research are two areas of co-operation.
0994. **GERMANY, FEDERAL REPUBLIC OF** (Federal Minister for Research and Technology), and **JAPAN** (Atomic Energy Bureau). Research and Development in the Field of Light Water Reactor Safety. Signed July 3, 1976. **Termination:** unknown. **Source:** NEA Vol. II, p. 171.
0995. **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungsanlage Jülich), and **JAPAN** (Japan Atomic Energy Research Institute). Co-operation in Research and Development in the Field of High-Temperature Gas-Cooled Reactors. Signed February 2, 1979. **Termination:** unknown. **Source:** NEA Vol. II, p. 172.
0996. **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungszentrum Karlsruhe), and **JAPAN** (Japan Atomic Energy Research Institute). Nuclear Safety Research Reactor/Projekt Nuklear Sicherheit Project. Signed January 16, 1980. **Termination:** unknown. **Source:** NEA Vol. II, p. 171.
0737. **GERMANY, FEDERAL REPUBLIC OF**, and **KOREA (ROK)**. Peaceful Uses of Nuclear Energy. Signed April 11, 1986; in force April 11, 1986. **Termination:** indefinite duration. **Source:** UNTS 25151. FRGB 1986:726.

1480. **GERMANY, FEDERAL REPUBLIC OF**, and **LITHUANIA**. Agreement on Mutual Assistance in the Case of Disasters or Serious Accidents. Signed March 15, 1994; in force September 1, 1996. **Termination:** indefinite duration. **Source:** NLB 57:91. UNTS 35491.
1049. **GERMANY, FEDERAL REPUBLIC OF**, and **LUXEMBOURG**. Agreement on Mutual Assistance in the Event of Catastrophes or Severe Accidents. Signed March 2, 1978; in force December 1, 1981. **Termination:** indefinite duration. **Source:** IAEA p. 274. UNTS 21982. NLB 28:43. **Note:** This includes nuclear accidents.
1481. **GERMANY, FEDERAL REPUBLIC OF** and **MEXICO**. Use of Techno-Nuclear Equipment and Nuclear Material for Peaceful Purposes. Signed April 13, 1992; in force April 13, 1992. **Termination:** no specific provision. **Source:** UNTS 29084.
0738. **GERMANY, FEDERAL REPUBLIC OF**, and **NETHERLANDS**. Atomic Energy. Signed October 28, 1968. **Termination:** unknown. **Source:** Hunt. Tract. 1968/148.
0997. **GERMANY, FEDERAL REPUBLIC OF** (Federal Minister of the Interior), and **NETHERLANDS** (Ministers for Public Health and Protection of the Environment, and for Social Affairs). Memorandum of Understanding on Mutual Notification Relating to the Construction of Nuclear Facilities in the Vicinity of Common Borders. Signed September 27 and October 28, 1977; in force October 28, 1977. **Termination:** no specific provision. **Source:** NLB 22:35. IAEA p. 293.
0739. **GERMANY, FEDERAL REPUBLIC OF**, and **NETHERLANDS**. Exchange of Letters Concerning Proposed Exports of Enriched Uranium to Brazil. Signed September 4, 1978; in force September 4, 1978. **Termination:** unknown. **Source:** NYIL 10:420. Tract. 1978/164, 1978/165, 1978/168.
1044. **GERMANY, FEDERAL REPUBLIC OF**, and **NETHERLANDS**. Decision of the German-Netherlands Commission on the Exchange of Information Relating to Important Incidents and Events Regarding Technical Safety Aspects of Nuclear Power Plants. Signed May 21, 1981. **Termination:** unknown. **Source:** IAEA p. 300.
1411. **GERMANY, FEDERAL REPUBLIC OF**, and **NETHERLANDS**. Agreement on Mutual Assistance in the Event of Catastrophe. Signed June 7, 1988; in force March 1, 1997. **Termination:** indefinite duration. **Source:** NLB 51:85-86. UNTS 34861. **Note:** A protocol annexed to the agreement states that this is applicable to nuclear accidents.
0998. **GERMANY, FEDERAL REPUBLIC OF**, and **NORWAY**. Agreement on Questions of Common Interest Relating to Nuclear Safety and Radiation Protection. Signed May 10, 1988; in force August 30, 1988. **Termination:** in-

- definite duration. **Source:** UNTS 27019. NLB 43:93-94. FRGB 1988:1097.
1204. **GERMANY, FEDERAL REPUBLIC OF**, and **PAKISTAN**. Nuclear Co-operation. Noted 1969. **Termination:** unknown. **Source:** IAEA GC (XIII)/INF/113/Rev. 1, p. 14.
0267. **GERMANY, FEDERAL REPUBLIC OF**, and **PAKISTAN**. Co-operation on Scientific Research and Technological Development. Signed November 30, 1972; in force October 15, 1973. **Termination:** indefinite duration. **Source:** UNTS 13564. **Note:** Nuclear research and the development of nuclear technology are mentioned as an area of co-operation to be considered.
1715. **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungszentrum Karlsruhe) and **PAKISTAN** (Pakistan Atomic Energy Commission). Co-operation Agreement. Reported in operation, 1986-87. **Termination:** unknown. **Source:** PAEC Annual Report 1986-87. **Note:** ENSP/EOS 1:53 reports a decision by the German Ministry of Research and Technology to terminate a nuclear co-operation agreement.
1205. **GERMANY, FEDERAL REPUBLIC OF**, and **POLAND**. Agreement on Co-operation in Science and Technology. Signed November 8 and 10, 1989; in force February 1, 1990. **Termination:** indefinite duration. **Source:** NTIS DE90-773721. NLB 46:87. UNTS 29537. **Note:** Nuclear co-operation is one area mentioned.
1803. **GERMANY, FEDERAL REPUBLIC OF**, and **POLAND**. Agreement concerning Mutual Assistance in the Event of Disasters or Severe Accidents. Signed April 10, 1997; in force March 1, 1999. **Termination:** indefinite duration. **Source:** UNTS 37091. **Note:** Article 4 refers to radioactive hazards.
1206. **GERMANY, FEDERAL REPUBLIC OF**, and **ROMANIA**. Nuclear Co-operation. Noted 1969. **Termination:** unknown. **Source:** IAEA GC (XIII)/INF/113/Rev. 1, p. 14.
0740. **GERMANY, FEDERAL REPUBLIC OF** (Federal Minister for Research and Technology), and **ROMANIA** (Comitetul pentru Energia Nucleara). Peaceful Use of Nuclear Energy. Signed June 29, 1973; in force June 29, 1973. **Termination:** indefinite duration. **Source:** FRGB 1973:1484.
1716. **GERMANY, FEDERAL REPUBLIC OF** (Gesellschaft für Anlagen und Reaktorsicherheit (GRS) mbH) and **ROMANIA** (National Committee for Nuclear Activities Control). Agreement on Co-operation and Information Exchange in the Field of Nuclear Safety. Signed November 10, 1998; in force February 18, 1999. **Termination:** February 17, 2004. **Source:** NLB 65:62. IAEA-CNPP Romania 2002. **Note:** IAEA-CNPP Romania 2002 gives the date in force as February 23, 1999.
0745. **GERMANY, FEDERAL REPUBLIC OF**, and **RUSSIA** (USSR). Long-

Term Economic, Industrial and Technical Co-operation. Signed January 18, 1974. **Termination:** no specific provision. **Source:** STS 2252. **Note:** This contains a reference to nuclear co-operation.

0296. **GERMANY, FEDERAL REPUBLIC OF**, and **RUSSIA (USSR)**. Further Development of Economic Co-operation. Signed October 30, 1974; in force October 30, 1974. **Termination:** May 17, 1993. **Source:** STS 2253. CDSP Vol. 26, No. 44, pp. 12-14. **Note:** This agreement terminates with the May 19, 1973 agreement on long-term economic co-operation. A Soviet statement says that it includes atomic power engineering. FoF 75:132 suggests that a reactor purchase that might have been intended under this was blocked by the United States.
1213. **GERMANY, FEDERAL REPUBLIC OF**, and **RUSSIA (USSR)**. Long-Term Program of Basic Directions of Co-operation in the Field of Economy and Industry. Signed July 1, 1980; in force July 1, 1980. **Termination:** unknown. **Source:** FoF 1980:489. G p. 368. **Note:** This includes the development of nuclear energy.
1505. **GERMANY, FEDERAL REPUBLIC OF**, and **RUSSIA (USSR)**. Agreement on Scientific and Technological Co-operation. Signed July 22, 1986; in force July 7, 1987. **Termination:** indefinite duration. **Source:** UNTS 27007. **Note:** Peaceful uses of nuclear energy is one area.
1000. **GERMANY, FEDERAL REPUBLIC OF** (Federal Minister for Research and Technology), and **RUSSIA (USSR)** (State Committee for the Utilization of Atomic Energy). Co-operation in the Field of the Peaceful Uses of Nuclear Energy. Signed April 22, 1987; in force July 7, 1987. **Termination:** indefinite duration. **Source:** NLB 40:45-46. NEA Vol. II, p. 115. FRGB 1988:394.
1001. **GERMANY, FEDERAL REPUBLIC OF**, and **RUSSIA (USSR)**. Early Notification in the Event of a Nuclear Accident and on Exchange of Information on Nuclear Installations. Signed October 25, 1988; in force February 16, 1989. Note Verbale creating an additional agreement June 13, 1989; in force January 8, 1990. **Termination:** indefinite duration. **Source:** NLB 42:51-52; 45:82-83. FRGB 1990: 165. UNTS 27703.
1214. **GERMANY, FEDERAL REPUBLIC OF**, and **RUSSIA (USSR)**. Agreement on Mutual Assistance with National Disasters or Major Accidents. Signed October 16, 1990. **Termination:** unknown. **Source:** FBIS-SOV October 17, 1990. FBIS-WEU October 18, 1990. **Note:** This includes disasters involving radioactivity.
2267. **GERMANY, FEDERAL REPUBLIC OF**, and **RUSSIA (USSR)**. Agreement to wind up the "Vismut" Company, May 16, 1991; in force December 20, 1991, but effective as of January 1, 1991. **Termination:** January 1, 1991 (the German Democratic Republic ceased to exist as of the end of October 2,

1990). **Source:** ST p. 378; FBIS-EEU-90-166, August 27, 1990; FBIS-EEU-90-176, September 11, 1990. FBIS-WEU-91-005, March 21, 1991; FBIS-WEU-91-082, April 29, 1991; FBIS-WEU-91-096, May 17, 1991; FBIS-WEU-91-230, November 29, 1991. NLB 49:73-74. UNTS 29526. **Note:** The original agreement of February 26, 1957 (sequence number 1504) between the USSR and the German Democratic Republic was apparently renewed and modified every 5 years.

1207. **GERMANY, FEDERAL REPUBLIC OF**, and **RUSSIA**. Joint Declaration on Co-operation in Reactor Safety. Signed November 28, 1991. **Termination:** unknown. **Source:** FBIS-WEU November 29, 1991.
1412. **GERMANY, FEDERAL REPUBLIC OF**, and **RUSSIA**. Agreement on Mutual Assistance in the Event of Catastrophes and Severe Accidents. Signed December 16, 1992; in force July 11, 1995. **Termination:** indefinite duration. **Source:** NLB 60:106. UNTS 36980. **Note:** This includes nuclear and radiological accidents.
1717. **GERMANY, FEDERAL REPUBLIC OF** (Federal Ministry of Research) and **RUSSIA** (Combined Nuclear Research Institute). Agreement. Signed January 18, 1994. **Termination:** December 31, 1996. **Source:** NPR 2: 1: 162. **Note:** This concerns the use of CNRI facilities by German physicists.
1298. **GERMANY, FEDERAL REPUBLIC OF**, and **RUSSIA**. Memorandum on Prevention of Illegal Dealings with Nuclear Material. Signed August 22, 1994. **Termination:** no specific provision. **Source:** FBIS-WEU-94-168, August 30, 1994.
1413. **GERMANY, FEDERAL REPUBLIC OF**, and **RUSSIA**. Agreement Concerning the Delivery of Highly Enriched Uranium for the Research Reactor Munich II.. Signed June 8, 1998; in force June 8, 1998. **Termination:** indefinite duration. **Source:** PPNNP 41:4. UINB 98.11, 98.24. **Note:** This concerns the sale of up to 1200 kg. of Russian highly-enriched uranium. NPR 6: 2: 159 reports a vote by the Russian Duma to recommend suspension of the agreement.
1804. **GERMANY, FEDERAL REPUBLIC OF** (Ministry of the Environment, Nature Conservation and Nuclear Safety), and **RUSSIA** (Federal Inspectorate for Nuclear Radiological Safety). Agreement concerning Co-operation, the Exchange of Information and Experience in the Field of Licensing, Supervising and Examining Nuclear and Radiological Safety. Signed May 9, 2003; in force May 9, 2003. **Termination:** indefinite duration. **Source:** UNTS 41959. FRGB 2004: 448. NLB 74: 79.
1208. **GERMANY, FEDERAL REPUBLIC OF**, and **SPAIN**. Nuclear Co-operation. Noted 1969. **Termination:** unknown. **Source:** IAEA GC (XIII)/INF/113/Rev. 1, p. 14.

1209. **GERMANY, FEDERAL REPUBLIC OF, and SPAIN.** Scientific Exchange Agreement. Signed April 1970. **Termination:** unknown. **Source:** IAEA GC(XIV)/INF/124, p. 10.
0741. **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungszentrum Karlsruhe), and **SPAIN** (Junta de Energía Nuclear). Agreement. Signed July 27, 1973. **Termination:** unknown. **Source:** Rohn 459054. SCT p. 658.
0268. **GERMANY, FEDERAL REPUBLIC OF, and SPAIN.** Co-operation in the Peaceful Uses of Atomic Energy. Signed December 5, 1978; in force December 13, 1978. **Termination:** indefinite duration. **Source:** UNTS 17520. FRGB 1979:133. NLB 23:53.
0999. **GERMANY, FEDERAL REPUBLIC OF, and SWEDEN.** Agreement Concerning a Contract on Exchange of Spent Nuclear Fuel. Signed July 4, 1986. **Termination:** unknown. **Source:** NEA Vol. II, p. 116.
1210. **GERMANY, FEDERAL REPUBLIC OF, and SWEDEN.** Agreement on Early Notification of a Nuclear Accident. Signed September 25, 1990; in force December 5, 1990. **Termination:** indefinite duration. **Source:** NLB 47:73. UNTS 29564.
0742. **GERMANY, FEDERAL REPUBLIC OF, and SWITZERLAND.** Radiation Protection in Case of Emergency. Signed May 31, 1978; in force February 15, 1980. Amendment to German text, February 15, 1980; in force February 15, 1980. Amended July 25, 1986; in force March 25, 1988. **Termination:** no specific provision. **Source:** NLB 22: 51-52, 42:50-51. IAEA p. 312. UNTS 20319. NTIS DE88-706184.
0744. **GERMANY, FEDERAL REPUBLIC OF, and SWITZERLAND.** Understanding on Mutual Notification Relating to the Construction and Operation of Nuclear Facilities in the Vicinity of Common Borders. Signed August 10, 1982; in force September 19, 1983. **Termination:** Indefinite duration. **Source:** UNTS 23205. NLB. 31:30, 33:34. FRGB 1983:734. IAEA p. 316.
0990. **GERMANY, FEDERAL REPUBLIC OF, and SWITZERLAND.** Agreement on Mutual Assistance in the Event of Catastrophes or Severe Accidents. Signed November 28, 1984; in force December 1, 1988. **Termination:** indefinite duration. **Source:** NLB 39:38. FRGB 1987:74. IAEA p. 302. UNTS 27003. **Note:** This includes nuclear disasters.
1211. **GERMANY, FEDERAL REPUBLIC OF, and TURKEY.** Nuclear Co-operation. Noted 1969. **Termination:** unknown. **Source:** IAEA GC(XIII)/INF/113/Rev.1, p. 14.
1212. **GERMANY, FEDERAL REPUBLIC OF, and UKRAINE.** Joint Declaration on Co-operation in Reactor Safety. Signed November 28, 1991. **Termination:** unknown. **Source:** FBIS-WEU November 29, 1991.

1414. **GERMANY, FEDERAL REPUBLIC OF**, and **UKRAINE**. Agreement concerning Questions of Common Interest in Connection with Nuclear Safety and Radiation Protection. Signed June 10, 1993; in force November 5, 1993. **Termination:** indefinite duration. **Source:** NLB 54:66-67.
2050. **GERMANY, FEDERAL REPUBLIC OF**, and **UKRAINE**. Framework Agreement on Advisory and Technical Co-operation. Signed May 29, 1996. **Termination:** unknown. **Source:** IAEA-CNNP Ukraine 2002.
0211. **GERMANY, FEDERAL REPUBLIC OF**, and **UNITED KINGDOM**. Letter from the Chancellor of the Federal Republic of Germany to the Secretary of State for Foreign Affairs Regarding Nuclear Fuels for Civil Purposes. Signed November 16, 1954. **Termination:** no specific provision. **Source:** UKTS 1954/4 (Germany).
0028. **GERMANY, FEDERAL REPUBLIC OF**, and **UNITED KINGDOM**. Co-operation in the Peaceful Uses of Atomic Energy. Signed July 31, 1956; in force July 31, 1956. Amended October 31 and November 14, 1957; in force December 19, 1957. **Termination:** July 30, 1966. **Source:** UNTS 3559. BFSP 162:616, 163:27.
0746. **GERMANY, FEDERAL REPUBLIC OF**, and **UNITED KINGDOM**. Joint Experiments with Plutonium for Nuclear Power Plants. Signed November 17, 1965. **Termination:** unknown. **Source:** GAK 918-7540.
1215. **GERMANY, FEDERAL REPUBLIC OF**, and **UNITED KINGDOM**. Agreement for Exchange of Information in the Field of Fast Reactors. Noted 1974. **Termination:** unknown. **Source:** IAEA GC (XVIII)/INF/149/Add. 1, p. 4. **Note:** See the note for the agreement of 1987-88, sequence number 1718.
0151. **GERMANY, FEDERAL REPUBLIC OF**, and **UNITED KINGDOM**. Exchange of Notes Regarding the Application of Safeguards to the Proposed Exports to Brazil of Uranium Enriched in the United Kingdom by URENCO. Signed September 4, 1978; in force September 4, 1978. **Termination:** no specific provision. **Source:** UNTS 17667, 21411. UKTS 1979/68.
0357. **GERMANY, FEDERAL REPUBLIC OF** (Minister of the Interior), and **UNITED KINGDOM** (Health and Safety Executive). Exchange of Information on Important Questions Concerning the Safety of Nuclear Installations and on Co-operation in the Preparation of Safety Standards. Signed March 14 and April 4, 1979; in force April 4, 1979. **Termination:** indefinite duration. **Source:** FRGB 1979:434. NLB 24:31.
1718. **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungszentrum Karlsruhe and INTERATOM), and **UNITED KINGDOM** (Atomic Energy Authority). Collaboration in Fast Reactor Research and Development. Noted 1987-88. **Duration:** unknown. **Source:** UKAEA 1987/88. **Note:** This could be the same as the agreement of 1974, sequence number 1215.

1002. **GERMANY, FEDERAL REPUBLIC OF**, and **UNITED KINGDOM**. Joint Declaration on the Fundamental Aspects of UK-German Co-operation in the Peaceful Use of Nuclear Energy. Signed July 25, 1989. **Termination**: no specific provision. **Source**: NLB 44:61-62. PPNNP 7:3. NTIS DE90-635634.
1299. **GERMANY, FEDERAL REPUBLIC OF**, and **UNITED KINGDOM**. Exchange of Notes on Storage, with Option to Reprocess, of Irradiated Nuclear Fuel. Signed August 3, 1990; in force August 3, 1990. **Termination**: no specific provision. **Source**: UKTS 1991/3. UNTS 28342.
1216. **GERMANY, FEDERAL REPUBLIC OF**, and **UNITED KINGDOM**. Exchange of Notes Concerning Reprocessing. Signed March 21, 1991; in force March 21, 1991. **Termination**: no specific provision. **Source**: UKTS 1991/59. UNTS 28548. **Note**: This concerns contracts covering reprocessing of spent fuel by British Nuclear Fuels PLC for the Deutsche Gesellschaft für Wiederaufarbeitung von Kernbrennstoffen.
1217. **GERMANY, FEDERAL REPUBLIC OF**, and **UNITED KINGDOM**. Exchange of Notes Concerning Reprocessing [waste]. Signed February 1992. **Termination**: unknown. **Source**: FBIS-WEU February 28, 1992. **Note**: The exchange arises from a reprocessing contract between the United Kingdom Atomic Energy Authority and the Physical-Technical Institute in Braunschweig. Germany agrees to accept the nuclear waste produced in the reprocessing.
0030. **GERMANY, FEDERAL REPUBLIC OF**, and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed February 13, 1956; in force April 23, 1956. Amended June 29, 1956; in force February 18, 1957. **Termination**: August 6, 1957. **Source**: UNTS 3580. TIAS 3543, 3765. **Note**: Superseded by agreement of July 3, 1957, sequence number 0040.
0041. **GERMANY, FEDERAL REPUBLIC OF (WEST BERLIN)**, and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed June 28, 1957; in force August 1, 1957. Amended June 29, 1962; in force July 30, 1962. **Termination**: July 31, 1967. **Source**: UNTS 4213. TIAS 3874, 5109.
0040. **GERMANY, FEDERAL REPUBLIC OF**, and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed July 3, 1957; in force August 7, 1957. Amended July 22, 1959; in force September 22, 1959. Amended July 5, 1962; in force August 7, 1962. **Termination**: August 6, 1967. **Source**: UNTS 4212. TIAS 3877, 4314, 5120. **Note**: This supersedes the agreement of February 13, 1956, sequence number 0030.
0747. **GERMANY, FEDERAL REPUBLIC OF**, and **UNITED STATES**. Co-operation Regarding a Pebble-Bed High-Temperature Gas-Cooled Reactor. Apparent Exchange of Letters September 25 and November 28, 1961. **Termi-**

nation: December 31, 1968. **Source:** Referenced in agreement of August 2, 1965, involving the United States Atomic Energy Commission, EURATOM, and various private firms (NRC text).

0748. **GERMANY, FEDERAL REPUBLIC OF** (Ministry of Atomic Affairs), and **UNITED STATES** (Atomic Energy Commission). Joint Statement Regarding Proposed US-German Co-operation in the Fast Reactor Field. Signed November 21 and December 13, 1962; in force December 13, 1962. **Termination:** unknown. **Source:** NRC text.
0638. **GERMANY, FEDERAL REPUBLIC OF** (Minister of Scientific Research), and **UNITED STATES** (Atomic Energy Commission). Letter of Understanding Regarding Co-operation in the Field of Nuclear Superheat. Signed August 13, 1964. Amended October 30 and November 10, 1964. **Termination:** no specific provision. **Source:** NRC text.
0749. **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungszentrum Karlsruhe), and **UNITED STATES** (Atomic Energy Commission). Exchange of Data on Fast Reactor Irradiation of Nuclear Fuel Assemblies. Signed 1970. **Termination:** unknown. **Source:** AEC 1970.
0750. **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungsanlage Jülich), and **UNITED STATES** (Atomic Energy Commission). Arrangement to Exchange Information in the Field of High Temperature Reactor Research. Signed February 5, and March 1971; in force March 1971. **Termination:** March 1976. **Source:** NRC text.
0269. **GERMANY, FEDERAL REPUBLIC OF** (Federal Minister for Research and Technology), and **UNITED STATES** (Atomic Energy Commission). Technical Exchange and Co-operative Arrangement in the Field of Research and Development on Reactor Safety. Signed March 6, 1974; in force March 6, 1974. Extended pending new agreement March 8 and April 24, 1979; in force April 24, 1979. **Termination:** April 29, 1981. **Source:** TIAS 8347, 10654. FRGB 1974:740. **Note:** Superseded by agreement of April 30, 1981, sequence number 0273.
0177. **GERMANY, FEDERAL REPUBLIC OF** (Federal Minister for Research and Technology), and **UNITED STATES** (Atomic Energy Commission, later Department of Energy). Technical Exchange and Co-operative Arrangement in the Field of Management of Radioactive Wastes. Signed December 20, 1974; in force December 20, 1974. Amended March 19, 1980; in force March 19, 1980. Amended April 17 and 19, 1985; in force April 19, 1985 with retroactive effect from December 31, 1984. Amended September 3 and October 10, 1990; in force October 10, 1990 with retroactive effect from December 31, 1989. **Termination:** 2000? **Source:** TIAS 9067, 10040, 11335, 11747. FRGB 1980:1418, 1985:870. UNTS 18037. ILM. USTF 1994, 2001, 2002. KAV 2803. **Note:** This is listed in USTF 2001 but not in USTF 2002, there-

fore it is tentatively treated as terminated in 2000.

0172. **GERMANY, FEDERAL REPUBLIC OF** (Federal Minister for Research and Technology), and **UNITED STATES** (Nuclear Regulatory Commission). Research Participation and Technical Information Exchange in Loss of Fluid Test [safety]. Signed June 20, 1975; in force June 20, 1975. Amended August 14 and September 11, 1980; in force September 11, 1980 with retroactive effect from June 1, 1980 (and related letters, August 14 and September 5, 1980). **Termination:** May 31, 1983. **Source:** TIAS 8348, 10418.
0242. **GERMANY, FEDERAL REPUBLIC OF** (Federal Minister of the Interior, later Federal Minister of the Environment, Protection of Nature and Reactor Safety) and **UNITED STATES** (Nuclear Regulatory Commission). Co-operation in the Field of Nuclear Facilities Safety. Signed October 1, 1975; in force October 1, 1975. Amended July 6, 1981; in force July 6, 1981. Amended July 17, 1986; in force July 17, 1986. Amended October 19, 1995; in force October 19, 1995. Extended January 24, 2002. **Termination:** 2006? **Source:** KAV 4469. UNTS 17736. TIAS 9096, 12699. FRGB 1976: 229; 1981: 657; 2002:1006. NRC text. ILM. IAEA p. 334. USTF 1992, 1993, 2005, 2007, 2008. NLB 57:91-92. NRC 1996. **Note:** This is listed in USTF 2007 but not in USTF 2008, therefore it is tentatively treated as terminated in 2006. See also the agreement of July 2, 1981, sequence number 1218.
0270. **GERMANY, FEDERAL REPUBLIC OF** (Federal Minister for Research and Technology), and **UNITED STATES** (Energy Research and Development Administration). Research and Development in Liquid Metal-Cooled Fast Breeder Reactors. Signed June 8, 1976; in force June 8, 1976. Amended August 26, and October 7, 1986; in force October 7, 1986. Amended December 15, 1987; in force December 31, 1987. Amended November 1 and December 30, 1988 and February 8, 1989; in force February 8, 1989 with retroactive effect from January 1, 1989. Amended January 14 and February 7, 1991; in force February 7, 1991 with retroactive effect from December 31, 1990. **Termination:** 2000? **Source:** UNTS 16459. TIAS 8657, 12062. FRGB 1976:1448. ILM. USTF 1994, 2001, 2002. **Note:** This is listed in USTF 2001 but not in USTF 2002, therefore it is tentatively treated as terminated in 2000.
0137. **GERMANY, FEDERAL REPUBLIC OF** (Federal Minister for Research and Technology), and **UNITED STATES** (Energy Research and Development Administration). Agreement in the Field of Gas-Cooled Reactor Concepts and Technology. Signed February 11, 1977; in force February 11, 1977. Amended January 20 and April 7, 1987. **Termination:** February 11, 1992. **Source:** UNTS 17486. TIAS 9046, 9047. NLB 41:44. FRGB 1987:728. **Note:** Complementary agreements were signed with France and Switzerland on September 30, 1977, in force September 30, 1977 (UNTS 18850).
0751. **GERMANY, FEDERAL REPUBLIC OF**, and **UNITED STATES** (Department of Energy). Spent Fuel Treatment Development. In force February 1977.

Termination: February 1987. **Source:** GAO/RECD-87-150, p. 34.

0271. **GERMANY, FEDERAL REPUBLIC OF** (Federal Minister for Research and Technology), and **UNITED STATES** (Nuclear Regulatory Commission). Research Participation and Technical Exchange in the United States Nuclear Regulatory Commission Power Burst Facility and Heavy Section Steel Technology Research Programs and the Federal Minister for Research and Technology Fuel Behavior and Superheat Steam Reactor Safety Programs. Signed April 26 and May 6, 1977; in force May 6, 1977. **Termination:** May 5, 1981. **Source:** TIAS 9055.
0272. **GERMANY, FEDERAL REPUBLIC OF** (Federal Minister for Research and Technology), and **UNITED STATES** (Energy Research and Development Administration). Safeguards and Security Research and Development. Signed September 29, 1977; in force September 29, 1977. Amended April 23 and July 22, 1985. **Termination:** unknown. **Source:** TIAS 9076, 12386. USTF 1994, 1997.
0573. **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungszentrum Karlsruhe), and **UNITED STATES** (Nuclear Regulatory Commission). Equation of State Experiments in Annular Core Research Reactor at Sandia [safety]. Signed December 8, 1980 and January 19, 1981; in force January 19, 1981. **Termination:** estimated end of program is December 31, 1981. **Source:** NRC text.
0574. **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungszentrum Karlsruhe), and **UNITED STATES** (Nuclear Regulatory Commission). Thermal Hydraulic Tests in the Upper Structure Dynamics Test Facility [safety]. Signed December 16, 1980 and February 5, 1981; in force February 5, 1981. **Termination:** estimated end of program is February 4, 1982. **Source:** NRC text.
0273. **GERMANY, FEDERAL REPUBLIC OF** (Federal Minister for Research and Technology), and **UNITED STATES** (Nuclear Regulatory Commission). Technical Exchange and Co-operative Arrangement in the Field of Reactor Safety Research and Development. Signed April 30, 1981; in force April 30, 1981. **Termination:** April 29, 1991. **Source:** TIAS 10654. USTF 1994. UNTS 27593. Referenced in agreement of December 13, 1995, sequence number 1458. **Note:** This supersedes the agreement of March 6, 1974, sequence number 0269.
0594. **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungszentrum Karlsruhe), and **UNITED STATES** (Nuclear Regulatory Commission). FD-4 Series of Liquid Metal Fast Breeder Reactor Fuel Disruption Experiments in the Annular Core Research Reactor [safety]. Signed July 1 and August 31, 1981; in force August 31, 1981. **Termination:** estimated end of program is February-March 1983 (eighteen months or end of program). **Source:** NRC

text.

1218. **GERMANY, FEDERAL REPUBLIC OF** (Federal Minister of the Interior), and **UNITED STATES** (Nuclear Regulatory Commission). Agreement for the Exchange of Classified Information [safety], with Exchange of Letters July 2, 1981. Signed July 6, 1981; in force July 6, 1981. Amended July 17, 1986; in force July 17, 1986 with effect from July 6, 1986. **Termination:** 2003? **Source:** NRC text. TIAS 10872. USTF 1994, 2004, 2005. KAV 680. UNTS 34583. NLB 28:62. **Note:** This develops co-operation already occurring under the agreement of October 1, 1975, sequence number 0242. This is listed in USTF 2004 but not in USTF 2005, therefore it is tentatively treated as terminated in 2003.
0274. **GERMANY, FEDERAL REPUBLIC OF**, and **UNITED STATES**. Agreement concerning the Listing of Reactors Supplied from the Federal Republic of Germany to the Taiwan Power Company on the Inventory of the IAEA Safeguards Agreement of December 6, 1971. Signed November 5, 1981; in force November 5, 1981. **Termination:** no specific provision. **Source:** TIAS 7228, 10321. UNTS 26978. **Note:** This concerns the supply of materials and equipment by the Federal Republic of Germany to China (ROC).
0275. **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungszentrum Karlsruhe), and **UNITED STATES** (Nuclear Regulatory Commission). Co-operation in Severe Accident Research Programs. Signed March 29 and April 15, 1983; in force April 15, 1983. Extended June 8, 1998. **Termination:** June 7, 2001. **Source:** TIAS 10691. FZK.
0531. **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungszentrum Karlsruhe), and **UNITED STATES** (Nuclear Regulatory Commission). Sandia Transient Axial Relocation Experiments and the Irradiated Liquid Metal Fast Breeder Reactor Fuel Effective Equation of State Experiments in the Sandia Annular Core Research Reactor [safety]. Signed October 28 and November 21, 1983; in force November 21, 1983. **Termination:** September 30, 1985. **Source:** NRC text.
0457. **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungszentrum Karlsruhe), and **UNITED STATES** (Nuclear Regulatory Commission). Cooperative Research Program to Conduct SIMMER-II Code Calculations of Transition-Phase Phenomena for the SUR-300 Reactor [safety]. Signed March 14 and April 25, 1984; in force April 25, 1984. **Termination:** April 24, 1986. **Source:** NRC text.
0452. **GERMANY, FEDERAL REPUBLIC OF** (Federal Minister for Science and Technology), and **UNITED STATES** (Nuclear Regulatory Commission). Research Participation and Technical Exchange in Nuclear Safety Research Programs Conducted at the Superheated Steam Reactor Facility. Signed August 31 and September 24, 1984; in force September 24, 1984. **Termination:** Sep-

tember 23, 1989. **Source:** NRC text.

0453. **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungszentrum Karlsruhe and Project HDR Safety Program), and **UNITED STATES** (Nuclear Regulatory Commission). Co-operation in Reactor Safety Research Programs Conducted at the Superheated Steam Reactor Facility. Signed September 6, 1984; in force September 6, 1984. **Termination:** September 5, 1989. **Source:** NRC text.
2239. **GERMANY, FEDERAL REPUBLIC OF** (Staatlichen Materialpruefungsanstalt, Universität Stuttgart) and **UNITED STATES** (Nuclear Regulatory Commission). Co-operation Agreement to Investigate Material of the Gundremmingen KRB-A Reactor Pressure Vessel. Signed January 18 and February 2, 1985; in force February 2, 1985. **Termination:** to end of project, possibly December 31, 1985. **Source:** NRC text.
0539. **GERMANY, FEDERAL REPUBLIC OF** (Minister for Research and Technology), and **UNITED STATES** (Nuclear Regulatory Commission). Research Participation and Technical Exchange in the United States Nuclear Regulatory Commission Thermal Hydraulic Research Programs and Federal Minister for Research and Technology Thermal Hydraulic Research Programs [safety]. Signed January 22 and February 6, 1985; in force February 6, 1985. **Termination:** February 5, 1990. **Source:** NRC text.
0754. **GERMANY, FEDERAL REPUBLIC OF** (Federal Ministry for Research and Technology), and **UNITED STATES** (Department of Energy). Remote Systems Technology. Signed April 24, 1987; in force April 24, 1987. **Termination:** 2000? **Source:** ILM. USTF 1994, 1997, 2001, 2002. TIAS 12143. **Note:** This is listed in USTF 2001 but not in USTF 2002, and therefore is tentatively treated as terminated in 2000.
1415. **GERMANY, FEDERAL REPUBLIC OF**, and **UNITED STATES**. Memorandum of Understanding concerning a Co-operative Program on Biological Effects of Ionizing Radiation. Signed August 2 and 23, 1993; in force August 23, 1993. **Termination:** unknown. **Source:** ILM.
1458. **GERMANY, FEDERAL REPUBLIC OF** (Ministry of Education, Science, Research and Technology), and **UNITED STATES** (Nuclear Regulatory Commission). Exchange of Technical Information and Co-operation in the Field of Reactor Safety Research and Development. Signed December 13, 1995; in force December 13, 1995. **Termination:** December 12, 2000. **Source:** NLB 59:67-68. USTF 2001, 2002.
1459. **GERMANY, FEDERAL REPUBLIC OF** (Ministry of Education, Science, Research and Technology), and **UNITED STATES** (Department of Energy). Co-operation on Energy Research, Science and Technology, and Development. Signed February 20, 1998; in force February 20, 1998. **Termination:**

indefinite duration. **Source:** NLB 61:99-100.US DOE. **Note:** This includes fission and fusion technologies and radioactive waste management.

2051. **GERMANY, FEDERAL REPUBLIC OF** and **UNITED STATES**. Arrangement for the Exchange of Information and Co-operation in Nuclear Safety Matters. Signed March 13, 2007; in force March 13, 2007. **Termination:** unknown. **Source:** USDS 2007.
1219. **GERMANY, FEDERAL REPUBLIC OF**, and **VENEZUELA**. Nuclear Co-operation Agreement. Signed October 1978. **Termination:** unknown. **Source:** JPRS-LAM November 17, 1978.
0755. **GERMANY, FEDERAL REPUBLIC OF** (Minister of Science and Technology), and **YUGOSLAVIA**. Scientific and Technological Co-operation. Signed May 23, 1975; in force May 23, 1975. **Termination:** indefinite duration. (Yugoslavia dissolved in 1991.) **Source:** FRGB 1975:920. **Note:** Nuclear research and technology are mentioned as areas of co-operation.

GHANA

2052. **GHANA** and **SOUTH KOREA**. Agreement on the Exchange of Nuclear Scientists. Announced April 24, 2005. **Termination:** unknown. **Source:** WNC 20050424.
0756. **GHANA** and **RUSSIA (USSR)**. Co-operation in the Utilization of Atomic Energy for Peaceful Purposes. Signed February 28, 1961; in force May 20, 1961. **Termination:** unknown. **Source:** GS p. 134. Rohn 469748.
1003. **GHANA** and **RUSSIA (USSR)**. Contract on Soviet Technical Aid in Blueprinting and Construction of an Experimental Nuclear Reactor and a Laboratory for Training. Signed October 27, 1961. **Termination:** unknown. **Source:** GS p. 157.
1590. **GHANA** (Ghana Atomic Energy Commission) and **UNITED STATES** (Argonne National Laboratory). Memorandum of Understanding for the Exchange of Technical Information and for Co-operation in the Field of Peaceful Uses of Nuclear Energy. Signed October 30, 1995. **Termination:** no specific provision. **Source:** US DOE.

GREECE

1322. **GREECE** and **ARGENTINA**. Co-operation in the Peaceful Uses of Nuclear Energy. Signed July 17, 1997. **Termination:** indefinite duration. **Source:** NLB 61:95-96. WNC 19970718. Ornstein p. 53.
1102. **GREECE** and **BULGARIA**. Agreement on Prompt Notification in the Event of Nuclear Accidents and on Exchange of Information on Nuclear Equipment. Signed around February 15, 1991. **Termination:** unknown. **Source:** FBIC-

EEU February 19, 1991.

1294. **GREECE** and **EUROPEAN UNION** (European Community). Protocol No. 6 on the Exchange of Information with Greece in the Field of Nuclear Energy. Signed May 28, 1979; in force January 1, 1981. **Termination:** no specific provision. **Source:** UKTS 1984/61.
0633. **GREECE** (Atomic Energy Commission) and **FRANCE** (Commissariat à l'Energie Atomique). Technical Assistance and Training. Signed October 6, 1960. **Termination:** unknown. **Source:** CEA 1960.
0757. **GREECE** (Atomic Energy Commission) and **ITALY** (Comitato Nazionale per l'Energia Nucleare). Collaboration Agreement. Signed September 20, 1961. **Termination:** unknown. **Source:** Giuliano p. 221.
1220. **GREECE** and **ROMANIA**. Treaty of Friendship, Co-operation and Good Neighbourhood. Signed November 28, 1991. **Termination:** twenty years duration. **Source:** FBIS-EEU November 29, 1991. **Note:** This includes a reference to co-operation in the peaceful use of nuclear energy.
1419. **GREECE** and **ROMANIA**. Agreement on Early Notification of a Nuclear Accident and Exchange of Information on Nuclear Installations. Signed March 10, 1995; in force March 23, 1995. **Termination:** unknown. **Source:** NLB 55:54. IAEA-CNPP Romania 2002. **Note:** This includes exchange of information on the development of peaceful uses of nuclear energy.
1420. **GREECE** (Atomic Energy Commission) and **ROMANIA** (National Committee for Control of Nuclear Activities). Agreement on Early Notification of a Nuclear Accident and Exchange of Information on Nuclear Facilities. Signed December 22, 1997; in force May 25, 1998. **Termination:** unknown. **Source:** NLB 61:100. IAEA-CNPP Romania 2002.
0758. **GREECE** (Atomic Energy Commission) and **UNITED KINGDOM** (Atomic Energy Authority). Co-operation in the Peaceful Uses of Atomic Energy. Signed March 20, 1962. **Termination:** unknown. **Source:** GAK 918-7330. AEA 1961-62.
0179. **GREECE** and **UNITED KINGDOM**. Safeguards Applicable to an Atomic Facility on Transfer to Greece by the United Kingdom Atomic Energy Authority. Signed April 5 and 15, 1968; in force April 15, 1968. **Termination:** no specific provision. **Source:** UNTS 9782. UKTS 1969/66.
1004. **GREECE** (Atomic Energy Commission) and **UNITED KINGDOM** (Atomic Energy Authority). Protocol Concerning the Construction of the First Greek Nuclear Power Plant in the Region of Laurium. Signed April 1969. **Termination:** unknown. **Source:** AEA 1969-70. GAK 918-7760. **Note:** The plant was never built.

0180. **GREECE and UNITED KINGDOM.** Safeguards and Assurances Relating to a Transfer of Nuclear Fuel from the United Kingdom to Athens University. Signed September 11, 1979; in force September 11, 1979. **Termination:** no specific provision. **Source:** UKTS 1980/25. UNTS 19072.
0012. **GREECE and UNITED STATES.** Co-operation Concerning Civil Uses of Atomic Energy. Signed August 4, 1955; in force August 4, 1955. Amended June 11, 1960; in force August 4, 1960 provisionally and September 31, 1961 definitively. Amended April 3, 1962; in force August 4, 1962 provisionally and October 25, 1962 definitively. Amended June 22, 1962; in force August 4, 1962 provisionally and October 25, 1962 definitively. Amended June 8, 1964; in force August 4, 1964 provisionally and April 16, 1968 definitively. Amended September 28, 1968; in force November 4, 1969. Exchange of Notes regarding continuation of safeguards July 16 and 30, 1974. Exchange of Notes regarding continuation of safeguards January 28, 1977; in force January 28, 1977. **Termination:** August 3, 1974. **Source:** UNTS 3307, 16646. TIAS 3310, 4837, 5250, 5251, 6478, 6853, 8633.
0760. **GREECE and UNITED STATES.** Joint Study on the Feasibility of a Dual-Purpose Nuclear Facility for the Production of Electricity and Fresh Water in the Athens Area. Signed April 1966. **Termination:** unknown. **Source:** GAK 925-2470.
0761. **GREECE** (Democritus Nuclear Centre) and **UNITED STATES** (Brookhaven National Laboratory). Sister Laboratory Arrangement. Signed 1966. **Termination:** unknown. **Source:** AEC 1966, 1967, 1968, 1969, 1970.
0762. **GREECE** (Atomic Energy Commission) and **UNITED STATES** (Nuclear Regulatory Commission). Exchange of Technical Information and Co-operation in Nuclear Safety Matters. Signed October 18, 1978; in force October 18, 1978. Amended October 17, and December 16, 1983, and February 24, 1984; in force February 24, 1984 with retroactive effect from October 17, 1983. Renewed 1993. **Termination:** 2000? **Source:** NRC text. TIAS 10949, 10950. USTF 1994, 1997, 2001, 2002. NRC 1993. UNTS 34778. **Note:** This is listed in USTF 2001 but not in USTF 2002, therefore it is tentatively treated as terminated in 2000.
2053. **GREECE and UNITED STATES.** Arrangement for the Exchange of Technical Information and Co-operation in Nuclear Safety Matters. Signed September 22, 1998; in force September 22, 1998. **Termination:** 2003. **Source:** USTF 1999, 2004. **Note:** This is not listed in USTF 2004, and so is treated as terminated in 2003.
2054. **GREECE and UNITED STATES.** Arrangement for the Exchange of Technical Information and Co-operation in Nuclear Safety Matters. Signed September 16, 2003; in force September 16, 2003. **Termination:** unknown. **Source:** USTF 2005.

0367. **GREECE** and **YUGOSLAVIA**. Protocol on Economic Co-operation and Technical Assistance. Signed September 11, 1956. Statute of Mixed Commission signed June 18, 1959; in force March 1960. **Termination:** unknown. (Yugoslavia dissolved in 1991.) **Source:** Dodatak 1960/63. **Note:** The Protocol of the Commission meeting for June 18, 1959 (Dodatak 1960/43) refers to ongoing nuclear co-operation.

GUATEMALA

1065. **GUATEMALA** and **ARGENTINA**. Co-operation Agreement in the Development and Application of Peaceful Uses of Nuclear Energy. Signed May 13, 1986; in force March 5, 1987? **Termination:** indefinite duration. **Source:** CNEA 1986-87, pp. 58-59. Ornstein p. 53 gives the signature date as May 14, 1986, and the date in force as March 5, 1997. This latter may be an error?
0039. **GUATEMALA** and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed August 15, 1956; in force April 22, 1957. **Termination:** April 21, 1962. **Source:** UNTS 4205. TIAS 3802.
2240. **GUATEMALA** and **UNITED STATES**. Exchange of Notes constituting an Agreement relating to a Grant for Procurement of Nuclear Research and Training Equipment and Materials. Signed April 7 and 23, 1960; in force April 23, 1960. **Termination:** no specific provision. **Source:** UNTS 5312. TIAS 4485.

HUNGARY

1534. **HUNGARY** and **AUSTRALIA**. Co-operation in Peaceful Uses of Nuclear Energy and the Transfer of Nuclear Material. Signed August 8, 2001; in force June 15, 2002. **Termination:** indefinite duration. **Source:** ATS 2002/10. NLB 68:78. UNTS. 39246.
0928. **HUNGARY** and **AUSTRIA**. Questions of Mutual Interest Relating to Nuclear Installations [safety]. Signed April 29, 1987; in force November 1, 1987. **Termination:** indefinite duration. **Source:** UNTS 25696. NLB 42:49. IAEA p. 43.
0763. **HUNGARY** and **CANADA**. Co-operation in the Peaceful Uses of Nuclear Energy. Signed November 27, 1987; in force January 12, 1988. **Termination:** indefinite duration. **Source:** NLB 42:60, 44:58. CTS 1988/17. **Note:** see also the agreement of August 14, 1989, sequence number 2258.
2258. **HUNGARY** (National Atomic Energy Commission) and **CANADA** (Atomic Energy Control Board). Administrative Agreement August 14, 1989. **Termination:** unknown. **Source:** NTIS DE90-627079. **Note:** This follows from the agreement of November 27, 1987, sequence number 0763.
1678. **HUNGARY** and **CROATIA**. Agreement on the Early Exchange of Informa-

- tion in the Event of a Radiological Emergency. Signed June 11, 1999; in force February 19, 2000. **Termination:** unknown. **Source:** NLB 65:60-61.
1148. **HUNGARY** (National Nuclear Energy Committee) and **CZECH REPUBLIC** (Czechoslovakia) (Nuclear Energy Committee). Agreement on Exchange of Information on Nuclear Safety and Radiation Protection. Signed September 20, 1990; in force May 15, 1991. **Termination:** unknown. **Source:** NLB 47:70-71. FBIS-EEU September 27, 1990. IAEA-CNPP Hungary 2003. **Note:** This includes accident notification.
1980. **HUNGARY** and **CZECH REPUBLIC** (State Office for Nuclear Safety). Agreement of Co-operation. Signed July 2002. **Termination:** unknown. **Source:** IAEA-CNPP Czech Republic 2003. SUJB 2002.
1979. **HUNGARY** (Office for Atomic Energy) and **CZECH REPUBLIC** (State Office for Nuclear Safety). Memorandum of Understanding on Co-operation and Exchange of Information in Nuclear Safety. Noted 2003. **Termination:** unknown. **Source:** IAEA-CNPP Czech Republic 2003.
1386. **HUNGARY** and **EUROPEAN UNION** (European Community). Establishment of Association. Signed December 16, 1991. **Termination:** unknown. **Source:** NLB 52:81-82. **Note:** This includes nuclear energy.
0970. **HUNGARY** and **FRANCE**. Scientific and Economic Co-operation in the Field of Energy and Raw Materials. Signed July 11, 1983; in force July, 1983. **Termination:** indefinite duration. **Source:** NEA Vol. II, p. 94. UNTS 22700. **Note:** This includes co-operation in the application of nuclear energy to heating.
0634. **HUNGARY** (Atomic Energy Commission) and **FRANCE** (Commissariat à l'Energie Atomique). Co-operation in the Peaceful Uses of Atomic Energy. Signed November 21, 1984. **Termination:** unknown. **Source:** CEA 1984.
1170. **HUNGARY** (Atomic Energy Commission) **FRANCE** (Commissariat à l'Energie Atomique). Agreement for Co-operation in the Peaceful Uses of Atomic Energy. Signed May 28, 1991. **Termination:** unknown. **Source:** NLB 48:65.
1394. **HUNGARY** (Atomic Energy Commission) and **FRANCE** (Commissariat à l'Energie Atomique). Co-operation Programme for 1995-1997. Signed 1995. **Termination:** 1997. **Source:** CEA 1995. **Note:** This extends co-operation already in progress. It includes nuclear safety, radioprotection, waste management, radiobiology and basic research on condensed matter.
0716. **HUNGARY** and **GERMAN DEMOCRATIC REPUBLIC**. Co-operation in the Peaceful Uses of Atomic Energy. Signed March 12, 1960. **Termination:** indefinite duration (the German Democratic Republic ceased to exist as of the end of October 2, 1990). **Source:** Rohn 507561. GAK 708-7050.

0717. **HUNGARY** (Atomic Energy Commission) and **GERMAN DEMOCRATIC REPUBLIC** (Committee on Radiation Protection and Ministry of Health). Co-operation in the field of Radiation Protection. Signed September 10, 1970. **Termination:** indefinite duration (the German Democratic Republic ceased to exist as of the end of October 2, 1990). **Source:** DDDR Vol. 18, 1970, p. 1183.
1200. **HUNGARY** and **GERMANY, FEDERAL REPUBLIC OF**. Agreement on Early Notification of a Nuclear Accident and Exchange of Information on Nuclear Installations. Signed September 26, 1990; in force February 7, 1991. **Termination:** indefinite duration. **Source:** UNTS 29504. NLB 47:72. FBIS-EEU September 27, 1990.
1714. **HUNGARY** and **GERMANY, FEDERAL REPUBLIC OF**. Agreement on Mutual Assistance in the Event of Catastrophe or Severe Accident. Signed June 9, 1997; in force September 11, 1998. **Termination:** indefinite duration. **Source:** NLB 65:61-62. **Note:** This does not explicitly mention nuclear accidents, but apparently does contain a reference to a prior nuclear-related agreement in the preamble.
0323. **HUNGARY** and **INDIA**. Peaceful Uses of Atomic Energy. Signed October 14, 1961. Amended 1966. Amended October 1971. Amended February 17, 1977; in force retroactively from October 9, 1976. **Termination:** unknown. **Source:** FPI p. 216. INMR. Jain Vol. I, p. 176. NTI: India.
1221. **HUNGARY** (National Atomic Energy Commission) and **INDIA** (Atomic Energy Commission). Co-operation in the Development of Atomic Energy for Peaceful Purposes. Signed April 28 and August 24, 1961. **Termination:** August 23, 1966. **Source:** K 1961:18453. India Bilaterals.
1005. **HUNGARY** and **ITALY**. Nuclear Safety. In force 1976. **Termination:** unknown. **Source:** NEA Vol. II, p. 136.
0764. **HUNGARY** and **POLAND**. Co-operation in the Peaceful Uses of Nuclear Energy. Signed January 15, 1960. **Termination:** unknown. **Source:** GAK 854-7100. Rohn 454118. Horak p. 133.
0765. **HUNGARY** and **POLAND**. Co-operation in the Peaceful Uses of Nuclear Energy. Signed 1968. **Termination:** unknown. **Source:** GAK 854-7340.
2055. **HUNGARY** and **ROMANIA**. Agreement on Early Notification of Nuclear Accidents. Signed May 26, 1997; in force October 3, 1997. **Termination:** unknown. **Source:** IAEA-CNNP Romania 2002.
2056. **HUNGARY** (Authority for Atomic Energy) and **ROMANIA** (National Commission for Nuclear Activity Control). Protocol on Co-operation and Information Exchange in the Nuclear Safety Domain. Signed June 12, 1997; in force May 25, 1998. **Termination:** unknown. **Source:** IAEA-CNNP Romania

2002.

2057. **HUNGARY** (Authority for Atomic Energy) and **ROMANIA**. Agreement on Early Notification of Nuclear Accidents. In force February 24, 1998. **Termination:** unknown. **Source:** IAEA-CNNP Hungary 2003. IAEA-CNNP Romania 2002.
0181. **HUNGARY** and **RUSSIA** (USSR). Developing Research in Physics of the Atomic Nucleus and in Utilization of Atomic Energy for Needs of the National Economy. Signed June 13, 1955; in force June 13, 1955. **Termination:** no specific provision. **Source:** USSR 1958. Rohn 468198.
0766. **HUNGARY** and **RUSSIA** (USSR). Joint Declaration Concerning Political and Economic Relations. Signed March 28, 1957. **Termination:** unknown. **Source:** GS p. 380. RIIA 1957, pp. 484-497. **Note:** This includes Soviet aid to Hungary in the development of atomic power stations and sales of Hungarian uranium to the USSR.
0767. **HUNGARY** and **RUSSIA** (USSR). Protocol Concerning the Use of Atomic Energy for Peaceful Purposes. Signed May 11, 1958. **Termination:** unknown. **Source:** GS p. 15. Rohn 469509.
0768. **HUNGARY** and **RUSSIA** (USSR). Collaboration in the Peaceful Uses of Atomic Energy. Signed December 22, 1959. **Termination:** unknown. **Source:** GS p. 77. Szal p. 5.
0339. **HUNGARY** and **RUSSIA** (USSR). Construction of an Atomic Power Plant in Hungary. Signed December 28, 1966; in force December 28, 1966. Amended July 3, 1970; in force July 3, 1970. Amendment April 1, 1994. **Termination:** no specific provision. **Source:** STS 1346; 1707. Rohn 564252. PPNNP 26:11. **Note:** This agreement is carried over between Hungary and Russia The amendment of April 1, 1994 concerns the return of spent fuel to Russia.
0340. **HUNGARY** and **RUSSIA** (USSR). Co-operation in the Construction of Atomic Power Plants. Signed November 4, 1974; in force November 4, 1974. **Termination:** unknown. **Source:** STS 2222. G p. 51.
1222. **HUNGARY** and **RUSSIA** (USSR). Reactor Supply Agreement. Reported July 16, 1986. **Termination:** unknown. **Source:** FoF 1986:652. **Note:** This is for two 1000 MW VVER reactors.
1719. **HUNGARY** (Hungarian Atomic Energy Authority) and **RUSSIA**. Co-operation Agreement. Signed 2001. **Termination:** unknown. **Source:** HAEA Report 2000.
2058. **HUNGARY** and **SLOVAK REPUBLIC**. Agreement on Exchange of Information and Co-operation in the Field of Nuclear Safety and Radiation Protection. In force May 15, 1991. **Termination:** unknown. **Source:** IAEA-CNNP

Hungary 2003.

1720. **HUNGARY** (Hungarian Atomic Energy Authority) and **SLOVAK REPUBLIC**. Co-operation Agreement. Signed 2001. **Termination:** unknown. **Source:** HAEA Report 2000.
1421. **HUNGARY** and **SLOVENIA** (Nuclear Safety Administration). Agreement on Early Notification of Radiological Emergencies. Signed July 15, 1995; in force February 15, 1996. **Termination:** unknown. **Source:** NLB 57:92. SNSA. IAEA-CNPP Hungary 2003. **Note:** The SNSA gives the signature date as July 11, 1995.
1422. **HUNGARY** and **UKRAINE**. Agreement on Early Notification of Nuclear Accidents, on Exchange of Information, and Co-operation in the Field of Nuclear Safety and Radiation Protection. Signed October 13, 1997; in force February 25, 1999. **Termination:** indefinite duration. **Source:** NLB 61:101. UNTS 37345. IAEA-CNPP Hungary 2003.
1223. **HUNGARY** (Hungarian National Atomic Energy Commission, and VEIKI Corporation) and **UNITED STATES** (Nuclear Regulatory Commission). Agreement for the Exchange of Technical Information and Co-operation in Nuclear Safety Matters. Signed September 24, 1990; in force September 24, 1990. Amended September 16, 1996; in force September 16, 1996. **Termination:** 2000? **Source:** TIAS 12226. USDS Dispatch, February 11, 1991, No. 6. USTF 1994, 1997, 2001, 2002. NRC 1990, 1996. USDS Dispatch November 18, 1996, No. 47. **Note:** This is listed in USTF 2001 but not in USTF 2002, therefore it is tentatively treated as terminated in 2000.
1224. **HUNGARY** and **UNITED STATES**. Agreement on Co-operation in the Peaceful Uses of Nuclear Energy. Signed June 10, 1991; in force February 13, 1992. **Termination:** February 12, 2022. **Source:** TIAS 12433. ILM. USTF 1994, 1997. NLB 49:74.
2059. **HUNGARY** and **UNITED STATES**. Agreement relating to Participation in the US NRC Program of Severe Accident Research. Signed January 27 and February 2, 1999; in force February 2, 1999, with effect from January 1, 1998. **Termination:** unknown. **Source:** USTF 2000.
2060. **HUNGARY** and **UNITED STATES**. Agreement in the Area of Probabilistic Risk Assessment Research. Signed May 12 and 28, 2004; in force May 28, 2004. **Termination:** unknown. **Source:** USDS 2004. USTF 2005.
2061. **HUNGARY** and **UNITED STATES**. Arrangement for the Exchange of Technical Information and Co-operation in Nuclear Safety Matters. Signed March 15, 2007; in force March 15, 2007. **Termination:** unknown. **Source:** USDS 2007. USTF 2008.
0369. **HUNGARY** and **YUGOSLAVIA**. Protocol on Co-operation in the Field of

Peaceful Uses of Nuclear Energy in 1966-1967. Signed December 6, 1965; in force February 23, 1966. **Termination:** unknown. (Yugoslavia dissolved in 1991.) **Source:** Dodatak 1966/197. GAK 985-7500.

INDIA

0432. **INDIA** and **AFGHANISTAN**. Development of Atomic Energy for Peaceful Purposes. Signed December 13, 1965. **Termination:** unknown. **Source:** Jain Vol. I, p. 177.
0434. **INDIA** and **ALGERIA**. Nuclear Co-operation. Signed February 28, 1980; in force February 28, 1980. **Termination:** unknown. **Source:** INMR.
1831. **INDIA** and **ALGERIA**. Nuclear Co-operation Agreement. Signed (?) September 25, 1990. **Termination:** unknown. **Source:** IAEA-CNNP India 2004.
0402. **INDIA** and **ARGENTINA**. Co-operation in the Use of Atomic Energy for Peaceful Purposes. Signed May 28, 1974; in force April 8, 1981. **Termination:** unknown. **Source:** AR 1974:286. Rohn 401566. CNEA 86-87:58-59. India Bilaterals. **Note:** CNEA 86-87:58-59 lists this agreement as still in force as of December 31, 1987. Ornstein p. 31 indicates that a co-operation agreement with India was not renewed in 1991.
1066. **INDIA** (Department of Atomic Energy) and **ARGENTINA** (Comisión Nacional de Energía Atómica). Plan of Co-operation for 1983-1986. Signed 1983. **Termination:** 1986. **Source:** CNEA 1983.
0466. **INDIA** (Department of Atomic Energy) and **AUSTRALIA** (Atomic Energy Commission). Exchange of Scientists between Atomic Energy Establishment (Trombay) and Research Establishment (Lucas Heights). Signed between July 1, 1965 and June 30, 1966. **Termination:** unknown. **Source:** AAEC 1966.
0480. **INDIA** and **BANGLADESH**. Co-operation in the Peaceful Uses of Atomic Energy. Signed August 27, 1973; in force August 27, 1973. **Termination:** August 26, 1978. **Source:** INMR 1974. Rohn 570083. India Bilaterals. **Note:** IAEA GC(XVIII)/INF/149/Add. 8, p. 7 notes an agreement between the Bangladesh Atomic Energy Commission and India. This may either be this agreement or follow from it.
0224. **INDIA** (Department of Atomic Energy) and **BELGIUM** (Commissariat à l'Energie Atomique). Joint Collaboration in the Field of Pacific Use of Nuclear Energy. Signed September 28, 1964 and January 30, 1965; in force January 30, 1965. **Termination:** no specific provision. **Source:** IJIL 5:96. NEA Vol. II, p. 47. India Bilaterals.
0118. **INDIA** and **BRAZIL**. Co-operation Regarding the Utilization of Atomic Energy for Peaceful Purposes. Signed December 18, 1968; in force March 2, 1970. Amended June 5, 1974. **Termination:** March 1, 1975. **Source:** UNTS

12727. Potter p. 156. India Bilaterals.
1095. **INDIA** and **BRAZIL**. Nuclear Co-operation Agreement. Signed March 8, 1984. **Termination**: unknown. **Source**: Potter p. 156.
1346. **INDIA** (Atomic Energy Commission) and **BRAZIL** (Comissão Nacional de Energia Nuclear). Memorandum of Agreement on Co-operation in the Field of Nuclear Energy. Signed January 27, 1996. Never in force (see note). **Termination**: Never in force (see note). **Source**: NLB 57:86. NPR 6:1:173. NTI: India. **Note**: This agreement was terminated in 1998, prior to coming into force, as a protest against India's 1998 nuclear tests. It included safety, the use of thorium as fuel, radiological protection, medicine, food, agricultural and industrial uses.
0511. **INDIA** and **BULGARIA**. Development of Atomic Energy for Peaceful Purposes. Signed 1965. **Termination**: unknown. **Source**: Jain Vol. I, p. 178.
0315. **INDIA** and **CANADA**. Colombo Plan Reactor Project. Signed April 28, 1956; in force April 28, 1956. Exchange of Letters concerning safeguards (on Canadian fuel) February 6, 1960. **Termination**: the end of Canadian-Indian nuclear co-operation was announced on May 18, 1976. **Source**: BFSP 162:845. CDEA 1956. Sims, p. 193. India Bilaterals.
0073. **INDIA** and **CANADA**. Rajasthan Atomic Power Station and Douglas Point Nuclear Generating Station. Signed December 16, 1963; in force December 16, 1963. Amended and note on implementation, December 16, 1966; in force December 16, 1966. Note on implementation, July 26, 1968; in force July 26, 1968. **Termination**: the end of Canadian-Indian nuclear co-operation was announced on May 18, 1976. **Source**: UNTS 7655. CTS 1963/10, 1966/27. INFCIRC/211.
1894. **INDIA** and **CANADA** (Atomic Energy of Canada Ltd.). Co-operation Agreement. Signed December 16, 1963. **Termination**: December 15, 1971. **Source**: NTI India. Jain Vol. 2, p. 136. **Note**: This concerns an exchange of scientific and technical information for the development of heavy water moderated reactor systems.
0522. **INDIA** and **CANADA**. Orissa Reactor. Signed February 3, 1969. **Termination**: the end of Canadian-Indian nuclear co-operation was announced on May 18, 1976. **Source**: Rohn 431297.
1472. **INDIA** (Department of Atomic Energy) and **CHINA (PRC)** (China Nuclear Energy Industry Corporation). Contract for Fuel for Tarapur. First shipment reported, January 5, 1995. **Termination**: unknown. **Source**: CR 32:2:194. FBIS-NES-95-003, January 5, 1995. FBIS-NES-95-004, January 6, 1995. FBIS-NES-95-006, January 10, 1995. FBIS-NES-95-009, January 13, 1995. FBIS-NES-013, January 20, 1995. FBIS-NES-95-038, February 27, 1995. YK 6:3. **Note**: This apparently replaces the supply of French fuel to the Tarapur

reactor under the France-India agreement of November 26, 1982, sequence number 0640.

1140. **INDIA and CUBA.** Agreement on Peaceful Use of Nuclear Energy. Signed May 30, 1985? Extension for four years reported April 1990. **Termination:** 1994? **Source:** EOS 3:7. Potter p. 156. NTI: India.
0557. **INDIA and CZECH REPUBLIC** (Czechoslovakia). Development of Atomic Energy for Peaceful Purposes. Signed November 9, 1966. Agreement to continue between India and the Czech Republic, May 24, 2001. **Termination:** indefinite duration. **Source:** Jain Vol. I, p. 178. India Bilaterals. INMR 2001-2.
0558. **INDIA and CZECH REPUBLIC** (Czechoslovakia). Nuclear Co-operation. Signed October 9, 1968. **Termination:** unknown. **Source:** CSZ 1970/80.
0576. **INDIA and DENMARK.** Co-operation in the Development of Atomic Energy for Peaceful Purposes. Signed February 18, 1963. Amended February 1973. **Termination:** February 1978. **Source:** Jain Vol. I, pp. 176-177.
0587. **INDIA and EGYPT.** Development of Atomic Energy for Peaceful Purposes. Signed January 6 and July 10, 1962; in force July 10, 1962 **Termination:** July 9, 1967. **Source:** Jain Vol. I, p. 176. India Bilaterals.
0588. **INDIA and EGYPT.** Agreement in Principle on a Joint Program for the Peaceful Uses of Atomic Energy and other Fields. Signed September 1, 1963. **Termination:** unknown. **Source:** AWC.
0589. **INDIA and EGYPT.** Collaboration in the Field of the Peaceful Uses of Atomic Energy. Signed July 1970. Possibly renewed in 1975, to 1980. **Termination:** unknown. **Source:** Jain Vol. I, p. 178; NPR 3:1:21. NTI: India **Note:** This anticipated joint research in heavy water production, nuclear fuels, and raw materials prospecting.
1154. **INDIA and EGYPT.** Nuclear Co-operation Agreement. Signed 1981. Amended May 14, 1984? Co-operation in Peaceful Uses of Atomic Energy. Signed December 1990; in force January 1991. **Termination:** unknown. **Source:** Potter p. 156. EOS 4:17. NTI: Egypt. **Note:** WNC 20071113 refers to a still-existing agreement.
2012. **INDIA and FINLAND.** Memorandum of Understanding. Signed February 15, 1980. **Termination:** unknown. **Source:** NTI: India. **Note:** This concerns technical assistance in the construction of nuclear power stations.
0635. **INDIA and FRANCE.** Study on the Use of Beryllium and Beryllium Oxide. Signed August 1951. Amended 1959. **Termination:** unknown. **Source:** GAK 700-7020; 700-7021.
0636. **INDIA and FRANCE.** Co-operation in the Uses of Atomic Energy For Peace-

ful Purposes. Signed July 1965. Amended July 1970. **Termination:** July 1975. **Source:** Jain Vol. 1, p. 177. CEA 1965. **Note:** Potter p. 155 gives a signature date of June 23, 1965.

1171. **INDIA** and **FRANCE**. Agreement on Heavy Water Facility. Signed April 3 and July 22, 1969. **Termination:** unknown. **Source:** Potter p. 155.
0637. **INDIA** (Department of Atomic Energy) and **FRANCE** (Commissariat à l'Energie Atomique). Agreement Concerning the Kalpakkam Fast Breeder Test Reactor. Signed April 11, 1969. **Termination:** unknown. **Source:** CEA 1969. **Note:** See also the agreement of May 7, 1971, sequence number 1172.
1172. **INDIA** and **FRANCE**. Breeder Co-operation. Signed May 7, 1971 and March 1972? Joint Projects Agreement, signed April 1, 1985? **Termination:** unknown. **Source:** Potter p. 155. NTI: India. **Note:** This may follow from the agreement of April 11, 1969, sequence number 0637. NTI: India reports an agreement signed April 1, 1985 to start joint projects in breeder reactors.
0639. **INDIA** and **FRANCE**. Exchange of Notes concerning Supply of Enriched Uranium. Signed February 4 and 17, 1976. **Termination:** unknown. **Source:** PEF 1976.
0640. **INDIA** and **FRANCE**. Supply of Fuel for Tarapur Reactor. Signed November 26, 1982. Supply Agreement March 25, 1983. **Termination:** October 1993. **Source:** AFDI. FBIS-NES-93-130, July 9, 1993. WNC 19980929. NTI:India. **Note:** FoF 1982:953 reports the date as November 29, 1982. FBIS-NES-93-118, June 22, 1993 reports France informing India that it would not supply past the end of 1993. China (PRC) picks up the supply: see the report of January 5, 1995, sequence number 1472. WNC 19980929 gives the date as November 30, 1982. NTI: India reports the 1983 supply agreement.
2016. **INDIA** and **FRANCE** (Commissariat à l'Energie Atomique). Exchange of Computer Codes. Signed 1989. **Termination:** unknown. **Source:** NI 39:7-8. **Note:** This concerns the CASTEM 2000, PLEXUS and TEDEL codes. *Nuclear India* 39: 7-8 2006 terms this a “reestablished” collaboration.
2017. **INDIA** and **FRANCE**. Framework Agreement. Signed January 1998. **Termination:** unknown. **Source:** Referenced in sequence number 1797. **Note:** This leads to the creation on September 16, 2002 of a Joint Committee for Atomic Energy (see the agreement of September 16, 2002, sequence number 2018).
1692. **INDIA** (Atomic Energy Regulatory Board) and **FRANCE** (Nuclear Installation Safety Directorate). Agreement for the Exchange of Information and Co-operation in the Regulation of Nuclear Safety. Signed July 29, 1999. **Termination:** unknown. **Source:** IDEA. *Nuclear India* 34:1-2 2000. Referenced in the agreement of February 20, 2006, sequence number 1797.
1693. **INDIA** (Bhabha Atomic Research Centre) and **FRANCE** (Commissariat à

l'Energie Atomique). Nuclear Safety Agreement. Signed 2000. **Termination:** unknown. **Source:** CEA Annual Report 2000. **Note:** Two such agreements were signed with the BARC.

1694. **INDIA** (Bhabha Atomic Research Centre) and **FRANCE** (Commissariat à l'Energie Atomique). Nuclear Safety Agreement. Signed 2000. **Termination:** unknown. **Source:** CEA Annual Report 2000. **Note:** Two such agreements were signed with the BARC.

2018. **INDIA** (Atomic Energy Commission) and **FRANCE** (Commissariat à l'Energie Atomique). Memorandum of Understanding. Signed September 16, 2002. **Termination:** unknown. **Source:** Referenced in the agreement of February 20, 2006, sequence number 1797. **Note:** This creates the France-India Joint Committee for Atomic Energy, following from the agreement of January 1998, sequence number 2017.

2019. **INDIA** (Department of Atomic Energy) and **FRANCE** (Commissariat à l'Energie Atomique). Agreement. Signed 2005. **Termination:** unknown. **Source:** CEA 2005. **Note:** One of three agreements signed during the third session of the France-India Joint Committee for Atomic Energy (see the agreement of September 16, 2002, sequence number 2018). See also sequences 2265 and 2266.

2265. **INDIA** (Department of Atomic Energy) and **FRANCE** (Commissariat à l'Energie Atomique). Agreement. Signed 2005. **Termination:** unknown. **Source:** CEA 2005. **Note:** One of three agreements signed during the third session of the France-India Joint Committee for Atomic Energy (see the agreement of September 16, 2002, sequence number 2018). See also sequences 2019 and 2266.

2266. **INDIA** (Department of Atomic Energy) and **FRANCE** (Commissariat à l'Energie Atomique). Agreement. Signed 2005. **Termination:** unknown. **Source:** CEA 2005. **Note:** One of three agreements signed during the third session of the France-India Joint Committee for Atomic Energy (see the agreement of September 16, 2002, sequence number 2018). See also sequences 2019 and 2265.

1797. **INDIA** (Department of Atomic Energy) and **FRANCE** (Ministry of Foreign Affairs). Declaration on the Development of Nuclear Energy for Peaceful Purposes. Signed February 20, 2006. **Termination:** not specified. **Source:** IDEA. WNC 20090220. **Note:** This elaborates on the terms of existing agreements and of a future agreement.

2020. **INDIA** (Bhabha Atomic Research Centre) and **FRANCE** (Commissariat à l'Energie Atomique). Memorandum of Understanding on Radioactive Waste Safe Management. Signed 2006-7. **Termination:** unknown. **Source:** IDEA 2006-7.

2021. **INDIA** (Department of Atomic Energy) and **FRANCE** (Commissariat à l'Énergie Atomique). Reactor Agreement. Signed January 25, 2008. **Termination:** unknown. **Source:** WNC 20080125. **Note:** This concerns the construction in France of the Jules Horowitz reactor, which India will partially fund.
0718. **INDIA** and **GERMAN DEMOCRATIC REPUBLIC**. Scientific and Technical Co-operation in the Peaceful Uses of Nuclear Energy. Signed May 14, 1974; in force June 19, 1974. **Termination:** December 31, 1978. **Source:** INMR. Rohn 570152. India Bilaterals. **Note:** see the agreement of June 12, 1982, sequence number 1199.
1199. **INDIA** and **GERMAN DEMOCRATIC REPUBLIC**. Nuclear Co-operation Agreement. Signed June 12, 1982. **Termination:** unknown. (The German Democratic Republic ceased to exist as of the end of October 2, 1990.) **Source:** Potter p. 155. **Note:** This may be connected to the agreement of May 4, 1974, sequence number 0718.
1201. **INDIA** and **GERMANY, FEDERAL REPUBLIC OF**. Nuclear Co-operation. Noted 1969. **Termination:** unknown. **Source:** IAEA GC(XIII)/INF/113/Rev. 1, p. 14.
0730. **INDIA** and **GERMANY, FEDERAL REPUBLIC OF**. Nuclear Co-operation and Space Research. Signed October 5, 1971; in force May 19, 1972. **Termination:** indefinite duration. **Source:** FRGB 1972:1013. NLB 11:36. Rohn 431474. India Bilaterals. **Note:** See also the agreement of January 30, 1974, sequence number 1802.
1802. **INDIA** and **GERMANY, FEDERAL REPUBLIC OF**. Exchange of Notes for an Arrangement for Scientific Research and Technological Development. Signed January 30 and March 7, 1974; in force May 15, 1974. **Termination:** indefinite duration. **Source:** FRGB 1974:998. **Note:** This refers to further promotion of atomic energy and space research co-operation under the agreement of October 5, 1971, sequence number 0730.
1202. **INDIA** and **GERMANY, FEDERAL REPUBLIC OF**. Nuclear Co-operation Agreement [safety and medicine]. Signed February 7, 1974. **Termination:** unknown. **Source:** Potter p. 155.
0323. **INDIA** and **HUNGARY**. Peaceful Uses of Atomic Energy. Signed October 14, 1961. Amended 1966. Amended October 1971. Amended February 17, 1977; in force retroactively from October 9, 1976. **Termination:** unknown. **Source:** FPI p. 216. INMR. Jain Vol. I, p. 176. NTI: India.
1221. **INDIA** (Atomic Energy Commission) and **HUNGARY** (National Atomic Energy Commission). Co-operation in the Development of Atomic Energy for Peaceful Purposes. Signed April 28 and August 24, 1961. **Termination:** August 23, 1966. **Source:** K 1961:18453. India Bilaterals.

0769. **INDIA** and **INDONESIA**. Peaceful Uses of Atomic Energy. Signed January 9, 1981; in force August 31, 1981. **Termination:** unknown. **Source:** INMR.
0770. **INDIA** and **IRAN**. Co-operation in the Peaceful Uses of Atomic Energy. Signed February 25, 1977; in force January 24, 1978. Amended November 9, 1984; in force November 9, 1984. **Termination:** unknown. **Source:** INMR. Rohn 433261. **Note:** See WNC 20031218 regarding assertion and denial of Indian nuclear co-operation with Iran.
2062. **INDIA** and **IRAN**. Memorandum of Understanding on Scientific and Technical Co-operation. Signed November 11, 1991. **Termination:** unknown. **Source:** NTI: Iran. CRS RS22530, November 8, 2006. **Note:** This apparently included the supply of a 10 MW research reactor, and was cancelled by India under US pressure.
0771. **INDIA** and **IRAQ**. Nuclear Co-operation. Signed March 28, 1974; in force March 28, 1974. **Termination:** indefinite duration. **Source:** Poul. p. 28. Potter p. 156. India Bilaterals. **Note:** BARC 1987 indicates on-going co-operation under this agreement.
0772. **INDIA** and **ITALY**. Co-operation in the Peaceful Uses of Atomic Energy. Signed April 2, 1977; in force April 2, 1977. **Termination:** unknown. **Source:** INMR. Rohn 570272.
0773. **INDIA** and **LIBYA**. Memorandum of Understanding Concerning the Peaceful Uses of Atomic Energy. Signed July 19, 1978; in force July 19, 1978. **Termination:** unknown. **Source:** INMR. Rohn 570309. Bowen. **Note:** Bowen indicates this was allowed to lapse.
2063. **INDIA** and **PERU**. Agreement concerning Peaceful Uses of Nuclear Energy. Signed February 12, 1992. **Termination:** unknown. **Source:** IAEA-CNNP India 2004.
0088. **INDIA** and **PHILIPPINES**. Co-operation in the Peaceful Uses of Atomic Energy. Signed March 14, 1969; in force March 14, 1969. **Termination:** March 13, 1974. **Source:** UNTS 9796. **Note:** This contains a reference to a nuclear crystal spectrometer. See the agreement of May 29, 1969, sequence number 0774.
0774. **INDIA** (Atomic Energy Department) and **PHILIPPINES** (Atomic Energy Commission). Nuclear Crystal Spectrometer. Signed May 29 and June 16, 1969; in force June 19, 1969. **Termination:** June 18, 1974. **Source:** INMR. India Bilaterals. **Note:** See the agreement of March 14, 1969, sequence number 0088.
1721. **INDIA** and **PHILIPPINES**. Co-operation for the Utilization of Atomic Energy for Peaceful Purposes. Signed April 29, 1991. **Termination:** unknown. **Source:** IMEA. IAEA-CNPP India 2004.

0775. **INDIA and POLAND.** Co-operation in the Peaceful Uses of Atomic Energy. Signed 1958. **Termination:** unknown. **Source:** GAK 854-7060.
0776. **INDIA and POLAND.** Development of Atomic Energy for Peaceful Purposes. Signed November 30, 1962 and February 21, 1963; in force February 21, 1963. **Termination:** February 20, 1968. **Source:** Jain Vol. I, p. 177. GAK 854-7200.
0777. **INDIA and POLAND.** Peaceful Uses of Atomic Energy. Signed September 9, 1977; in force September 9, 1977. Work Program for 1980-81, signed December 10, 1979. Second Work Program for 1985-86, signed March 5, 1985. **Termination:** unknown. **Source:** INMR. Rohn 570297. FAR 31:73. NTI: India. **Note:** BARC 1987 indicates on-going co-operation under this agreement.
0421. **INDIA and ROMANIA.** Co-operation in the Peaceful Uses of Atomic Energy. Signed August 30, 1971. **Termination:** indefinite duration. **Source:** Rom 1971/1451. India Bilaterals.
0178. **INDIA and RUSSIA (USSR).** Scientific and Technical Co-operation in the Field of Peaceful Utilization of Atomic Energy. Signed October 6, 1961. **Termination:** no specific provision. **Source:** IJIL 2:133. ITS 1961/47. India Bilaterals.
0555. **INDIA and RUSSIA (USSR).** Protocol on Exchange of Scientists and Specialists. Signed April 30, 1968. **Termination:** unknown. **Source:** Jain Vol. I, p. 178. **Note:** This could be the same as the agreement of May 1, 1968, sequence number 0781.
0781. **INDIA and RUSSIA (USSR).** Protocol on Development of Co-operation in the Realm of Peaceful Uses of Atomic Energy. Signed May 1, 1968. **Termination:** unknown. **Source:** GS p. 437. Rohn 431254. **Note:** Rohn gives the date as April 30, 1968. This could be the same as the agreement of April 30, 1968, sequence number 0555.
0324. **INDIA and RUSSIA (USSR).** Fifteen-Year Agreement on Development of Economic and Trade Co-operation. Signed November 29, 1973; in force November 29, 1973. **Termination:** indefinite duration. **Source:** IFR December 1973, p. 8. CDSP Vol. 25, No. 49, p. 13. **Note:** This contains a reference to strengthening nuclear co-operation.
0782. **INDIA and RUSSIA (USSR).** Supply of Heavy Water. Signed September 1976. February 1980. **Termination:** unknown. **Source:** Referenced in an IAEA-India agreement of November 17, 1977 (UNTS 17192). PH. **Note:** This agreement possibly expired in 1992. EOS 6:12-13.
0783. **INDIA and RUSSIA (USSR).** Peaceful Use of Atomic Energy. Signed January 22, 1979; in force January 12, 1983. **Termination:** unknown. **Source:** INMR. **Note:** This carries over between India and Russia. WNC 19970910.

0341. **INDIA** and **RUSSIA** (USSR). Long-Term Program of Economic, Trade and Scientific-Technical Co-operation. Signed March 14, 1979; in force March 14, 1979. **Termination:** no specific provision. **Source:** STS 2744. G p. 302. **Note:** Nuclear co-operation is one area of activity.
0784. **INDIA** and **RUSSIA** (USSR). Program of Research on Thermonuclear Systems. Signed February 1, 1982. **Termination:** unknown. **Source:** PH Vol. 35, No. 1, p. 174.
1226. **INDIA** and **RUSSIA** (USSR). Nuclear Co-operation Agreement. Signed October 20, 1988. Agreement to Study the Project March 1997. Supplement June 21, 1998. Contract for Engineering Studies, signed July 20, 1998. Contract for Detailed Project Report, July 20, 1998. Memorandum of Understanding for Construction of Plant, November 6, 2001. Contract February 12, 2002. **Termination:** unknown. **Source:** Potter p. 155. NPR 6:1:153. ACT 28:5:25. IMEA. WNC 19980621. WNC 20011106. WNC 20011107. WNC 20020212. NN 20010803. WMDI 22:46. NTI: India. **Note:** This concerns the supply of 2 VVER-1000 reactors at Kudankulam. DD reports the agreement was suspended in 1991 and revived on June 21, 1998 between India and Russia. WNC 19980621 reports a signature date of June 20, 1998 for the revival of the agreement. July 20, 1998 is apparently the date of the contract for design, following the protocol. NN 20010806 notes a report dated August 6, 2001, that says a construction deal would be signed in October 2001. NN 20020203 gives a date of November 6, 2001, as does WMDI 22:46. NN 20020319 suggests October 6, 2001. WNC 20011106 and WNC 20011107 suggest a signature date of November 6, 2001 for a Memorandum of Understanding between the Russian Atomic Energy Ministry and the Indian Atomic Energy Commission. WNC 20020212 reports a contract for two additional reactors at Kudankulam. NN20020215 suggests that the February 12, 2002 contract may be private. YK 9:3-4 states that the Russian Atomic Energy Ministry and the Indian Atomic Energy Commission sign a Memorandum of Understanding on construction at Kudankulam on November 5 and 6, 2001, and that a private contract is signed November 6, 2001. Later expansions of this private contract apparently occur on December 17, 2001 and February 17, 2002. See also the agreements of January 15, 2003 (sequence number 2064) and March 21, 2003 (sequence number 2065).
1722. **INDIA** and **RUSSIA**. Memorandum of Understanding in the Peaceful Uses of Nuclear Energy. Signed October 3, 2000. **Termination:** unknown. **Source:** IMEA Report 2000-2001. PPNNP 51:4. NTI: WMD Chronology. WNC 20001012. YK 6:3.
2064. **INDIA** (Atomic Energy Regulatory Board) and **RUSSIA** (Federal Nuclear and Radiation Safety Authority). Agreement for Co-operation in the Field of Safety Regulation in the Peaceful Uses of Nuclear Energy. Signed January 15, 2003. **Termination:** unknown. **Source:** NTI: India. WNC 20030116. WNC 20030117. **Note:** This is valid up to the beginning of regular operation of the

Kudankulam atomic power station (see sequence number 1226). It is linked to the agreements of November 20, 1988 and June 21, 1998.

- 2065. **INDIA** and **RUSSIA**. Agreement on Fuel Supply for the Kudankulam Power Station. Announced March 21, 2003. **Termination:** unknown. **Source:** WNC 20030322. **Note:** NTI: India has the date as February 13, 2003. The arrangement is for the lifetime of the power station. See also sequence number 1226.
- 2066. **INDIA** and **RUSSIA**. Co-operation in Nuclear Power Engineering. Signed November 21, 2003. **Termination:** unknown. **Source:** NTI: India.
- 1805. **INDIA** (Department of Atomic Energy) and **RUSSIA** (Federal Atomic Energy Agency). Memorandum of Intent on Development of Co-operation in the Construction of Additional Nuclear Power Plant Units at Kudankulam Site as well as in the Construction of Russian Design Nuclear Power Plants at New Sites in the Republic of India. Signed January 25, 2007. **Termination:** unknown. **Source:** IMEA. WNC 20070125; WNC 20070218. NN 20070125.
- 2067. **INDIA** (Nuclear Power Corporation of India) and **RUSSIA** (ROSATOM). Agreement on Reactors for Kudankulam. Signed February 12, 2008. **Termination:** unknown. **Source:** NTI Newswire February 13, 2008. WNC 20080212. WNC 20080213. ROSATOM February 12, 2008. **Note:** This concerns four additional reactors for Kudankulam. ROSATOM terms this an “inter-governmental” agreement. Later information may indicate this was signed in the Fall of 2008?
- 0147. **INDIA** and **SPAIN**. Joint Collaboration in the Field of Peaceful Uses of Nuclear Energy. Signed March 27, 1965; in force March 27, 1965. **Termination:** March 26, 1970. **Source:** IJIL 5:216. India Bilaterals. **Note:** This agreement is intended to provide a framework for further, more detailed, separate agreements between the Indian Department of Atomic Energy and the Junta de Energía Nuclear.
- 1225. **INDIA** and **SRI LANKA**. Nuclear Co-operation Agreement. Signed January 1986. **Termination:** unknown. **Source:** Potter p. 156.
- 0778. **INDIA** and **SWEDEN**. Co-operation in the Peaceful Uses of Atomic Energy. Signed around January 1962. **Termination:** unknown. **Source:** GAK 891-7060.
- 0779. **INDIA** and **SYRIA**. Peaceful Uses of Atomic Energy. Signed May 1, 1980; in force May 1, 1980. **Termination:** unknown. **Source:** INMR.
- 1723. **INDIA** and **THAILAND**. Co-operation for the Utilization of Atomic Energy for Peaceful Purposes. Signed June 10, 2000; in force June 10, 2000. **Termination:** unknown. **Source:** IMEA Report 2000—2001. WNC 20000710.
- 0785. **INDIA** (Atomic Energy Department) and **UNITED KINGDOM** (Atomic En-

- ergy Authority). Co-operation in the Field of Atomic Energy. Signed February 16, 1956. **Termination:** unknown. **Source:** GAK 918-7100. AEA 1955-56. Jain Vol. I, p. 176.
2068. **INDIA** and **UNITED STATES**. Agreement to Sell Heavy Water. Signed February 1955? **Termination:** unknown. **Source:** NTI: India. **Note:** A contract for the sale of heavy water to India was signed on March 16, 1956.
0071. **INDIA** and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed August 8, 1963; in force October 25, 1963. Exchange of Letters, September 16 and 17, 1974. Note regarding fuel for Tarapur reactor, November 30, 1982; in force November 30, 1982. **Termination:** October 24, 1993. **Source:** UNTS 7117. TIAS 5446; 10614. INFCIRC/433. USTF 1997. India Bilaterals.
0787. **INDIA** (Department of Atomic Energy) and **UNITED STATES** (Atomic Energy Commission). General Understanding on Informal Technical Exchanges. Signed April 30 and July 2, 1965. **Termination:** five years duration. **Source:** NRC text. AEC 1966.
1227. **INDIA** (Department of Atomic Energy) and **UNITED STATES** (Department of Energy). Agreement Concerning Feasibility Study on Spent Fuel Storage. Signed 1977 or 1978. **Termination:** unknown. **Source:** IDAE 1977/78.
1228. **INDIA** and **VIETNAM**. Co-operation in the Peaceful Uses of Nuclear Energy. Agreement. Signed March 25, 1986. Agreement reported August 16, 1988. "Expansion" reported April 1990. Memorandum of Understanding, signed February 1998. Accord, signed January 19, 1999. **Termination:** unknown. **Source:** FBIS-CHI August 17, 1988. EOS 3:8; 4:21. NTI: India. IAEA-CNPP India 2004. **Note:** IAEA-CNPP India 2004, NTI: India and the Indian Ministry of External Affairs website report a nuclear energy agreement with Vietnam, signed March 25, 1986 and ratified May 14, 1987. IMEA. Various protocols and work plans have been signed under the agreement. See also the agreement of January 8, 2001, sequence number 1724.
1724. **INDIA** (Department of Atomic Energy) and **VIETNAM** (Ministry of Science, Technology and the Environment). Memorandum of Understanding on Peaceful Uses of Nuclear Energy. Signed January 8, 2001. **Termination:** unknown. **Source:** IMEA Report 2000-2001. NTI: India **Note:** This apparently comes under the agreement of March 25, 1986, sequence number 1228.
2069. **INDIA** (Department of Atomic Energy) and **VIETNAM** (Ministry of Science, Technology). Memorandum of Understanding on Nuclear Co-operation. Reported July 6, 2007. **Termination:** unknown. **Source:** WNC 20070706. NN 20070710. **Note:** This includes training, assistance at the Dalat center, and study and evaluation of uranium ore processing technology.
0370. **INDIA** (Department of Atomic Energy) and **YUGOSLAVIA**. Co-operation in

the Uses of Atomic Energy for Peaceful Purposes. Signed September 8, 1965; in force September 8, 1965. **Termination:** September 7, 1970. **Source:** Do-datak 1966/144. India Bilaterals.

1229. **INDIA and YUGOSLAVIA.** Co-operation in the Peaceful Uses of Atomic Energy. Signed March 16, 1979. **Termination:** unknown. (Yugoslavia dissolved in 1991.) **Source:** IDAE 1978/79.

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1323. **INDONESIA and ARGENTINA.** Co-operation in the Peaceful Uses of Nuclear Energy. Signed May 17, 1990; in force March 9, 1993. **Termination:** indefinite duration. **Source:** NLB 53:107. Ornstein p. 54. **Note:** Ornstein p. 54 gives the date in force as February 23, 1993.
1331. **INDONESIA and AUSTRALIA.** Co-operation in Nuclear Science and Technology. Signed November 11, 1997. **Termination:** indefinite duration. **Source:** NLB 61:97-98. ATS 1997/9. **Note:** It is not clear that this has yet (2009) entered into force.
1658. **INDONESIA** (Indonesian Nuclear Energy Central Board) and **AUSTRALIA** (Australian Safeguards and Non-Proliferation Office). Arrangement concerning Co-operation in Nuclear Safeguards and Related Matters. Signed June 29, 2001. **Termination:** unknown. **Source:** NLB 68:78.
0891. **INDONESIA and AUSTRALIA.** Agreement on the Framework for Security Cooperation. Signed November 13, 2006; in force February 7, 2008. **Termination:** indefinite duration. **Source:** ATS 2003/3. **Note:** The treaty refers to both cooperation in preventing the proliferation of nuclear weapons (art. 16) and strengthening bilateral nuclear cooperation for peaceful purposes (art. 18).
0523. **INDONESIA and CANADA.** Peaceful Uses of Nuclear Energy. Signed July 12, 1982; in force July 14, 1983. **Termination:** indefinite duration. **Source:** UNTS 24874. CTS 1983/31. **Note:** See also the agreement of 1996, sequence number 2261.
2261. **INDONESIA** (Badan Tenaga Atom Nasional) and **CANADA** (Atomic Energy Control Board). Technical Co-operation Agreement. Signed 1996. **Termination:** unknown. **Source:** AECSB-R Spring 1996. **Note:** This follows from the agreement of July 12, 1982, sequence number 0523.
1127. **INDONESIA and CHINA (PRC).** Nuclear Co-operation Agreement. Signed 1985. **Termination:** unknown. **Source:** Potter p. 255. **Note:** This appears to be a training agreement.
0098. **INDONESIA and FRANCE.** Co-operation in the Peaceful Uses of Nuclear Energy. Signed April 3, 1969; in force April 3, 1969. **Termination:** April 2, 1979. **Source:** UNTS 10736. RTAF 1969/44.

0641. **INDONESIA** (Badan Tenaga Atom Nasional) and **FRANCE** (Commissariat à l'Energie Atomique). Uranium Exploration in Kalimantan (Borneo). Signed April 3, 1969. Second Amendment signed May 24, 1972. Amended May 7, 1974. **Termination:** unknown. **Source:** CEA 1969; 1972; 1974. **Note:** NBF 1031:19 notes that this was originally for seven years.
1695. **INDONESIA** and **FRANCE**. Nuclear Agreement. Signed September 20, 1969. **Termination:** unknown. **Source:** referenced in UNTS 10737. Munt p. 347.
0393. **INDONESIA** and **FRANCE**. Co-operation in Geology and Mineral Exploration in Indonesia. Signed February 5, 1979; in force February 5, 1979. **Termination:** February 4, 1982. **Source:** RTAF 1980/13. **Note:** This includes activity in Kalimantan (Borneo) that could include some uranium exploration.
0642. **INDONESIA** (Badan Tenaga Atom Nasional) and **FRANCE** (Commissariat à l'Energie Atomique). Co-operation. Signed April 2, 1980. **Termination:** unknown. **Source:** CEA 1980.
0731. **INDONESIA** and **GERMANY, FEDERAL REPUBLIC OF**. Co-operation Regarding the Peaceful Uses of Atomic Energy. Signed June 14, 1976; in force February 24, 1977. **Termination:** indefinite duration. **Source:** FRGB 1977:362. Rohn 495125. UNTS 21041.
0732. **INDONESIA** and **GERMANY, FEDERAL REPUBLIC OF**. Co-operation on the General Survey and Exploration of Uranium Minerals in West Sumatra. Signed June 14, 1976; in force February 24, 1977. **Termination:** February 23, 1984. **Source:** FRGB 1977:366. UNTS 21039.
0733. **INDONESIA** and **GERMANY, FEDERAL REPUBLIC OF**. Arrangement concerning Co-operation between the Bundesanstalt für Geowissenschaften und Rohstoffe and the Badan Tenaga Atom Nasional [geology and prospecting]. Signed July 14, 1976; in force February 24, 1977. **Termination:** June 14, 1979. **Source:** FRGB 1977:373, 1982:839. UNTS 21040.
0769. **INDONESIA** and **INDIA**. Peaceful Uses of Atomic Energy. Signed January 9, 1981; in force August 31, 1981. **Termination:** unknown. **Source:** INMR.
1008. **INDONESIA** and **ITALY**. Framework Agreement for Nuclear Co-operation. In force 1977. Amended March 17, 1980. **Termination:** unknown. **Source:** NEA Vol. II, p. 136.
1230. **INDONESIA** and **JAPAN**. Agreement for Expanded Technological Co-operation in Nuclear Research. Signed 1988. **Termination:** unknown. **Source:** PPNNP 2:3.
1725. **INDONESIA** (National Atomic Energy Agency) and **JAPAN** (Japan Atomic Energy Research Institute). Co-operation Agreement. Signed 1998-99. **Termination:** unknown. **Source:** JAERI Annual Report 1998-99.

1482. **INDONESIA** and **KAZAKHSTAN**. Agreement. Reported August 8, 1995. **Termination:** unknown. **Source:** NPR 3:2:107. **Note:** This concerns the supply of Kazakh enriched uranium to Indonesia.
2070. **INDONESIA** and **KOREA (ROK)**. Agreement on Co-operation in the Development of Mineral and Energy Resources. Signed late 1989. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** This includes nuclear power.
2071. **INDONESIA** and **KOREA (ROK)**. Memorandum of Understanding on Co-operation in Atomic Power. Signed December 4, 2006. **Termination:** unknown. **Source:** WNC 20061204. Korea.net 20070730. WMDI 18.
1231. **INDONESIA** and **PAKISTAN**. Nuclear Co-operation Agreement. Signed April 10, 1980. **Termination:** unknown. **Source:** Potter p. 224.
0788. **INDONESIA** and **RUSSIA (USSR)**. General Agreement on Technical and Economic Co-operation. Signed September 15, 1956. **Termination:** unknown. **Source:** II March 10, 1960, p. 4. Reference in RIIA 1960, pp. 478-483. **Note:** II refers to an atoms-for-peace program under this. RIIA 1960 gives a February 28, 1960 communiqué (see also sequence number 0216), which refers to this agreement.
0216. **INDONESIA** and **RUSSIA (USSR)**. Second General Agreement on Economic and Technical Co-operation. Signed February 28, 1960; in force July 1, 1960. **Termination:** no specific provision. **Source:** UNTS 5643. **Note:** Atomic energy is one area of co-operation mentioned.
1506. **INDONESIA** and **RUSSIA (USSR)**. Agreement. Signed May 14, 1961. **Termination:** unknown. **Source:** Mir p. 236. **Note:** This concerned the supply of a small reactor to the University of Gadjah Mada in Jogjakarta.
2072. **INDONESIA** and **RUSSIA**. Agreement on Co-operation in the Field of the Peaceful Use of Nuclear Energy. Signed December 1, 2006. **Termination:** unknown. **Source:** WNC 20061202. NN 20061201.
1300. **INDONESIA** and **UNITED KINGDOM**. Proposed Export of Uranium. Signed June 27 and July 19, 1994; in force July 19, 1994. **Termination:** no specific provision. **Source:** UKTS 1995/18. UNTS 32221.
1591. **INDONESIA** and **UNITED KINGDOM**. Exchange of Notes Constituting an Agreement concerning the Proposed Export of Uranium. Signed May 5 and June 21, 1995; in force June 21, 1995. **Termination:** no specific provision. **Source:** UNTS 32666.
1592. **INDONESIA** and **UNITED KINGDOM**. Agreement concerning the Proposed Export by AEA Technology to the National Energy Agency, Indonesia, of 33 Kilograms of Uranium Oxide Powder. Signed November 7 and 8, 1995; in force November 8, 1995. **Termination:** no specific provision. **Source:** UNTS

32837.

0062. **INDONESIA and UNITED STATES.** Co-operation Concerning Civil Uses of Atomic Energy. Signed June 8, 1960; in force September 21, 1960. Amended January 12, 1966; in force October 31, 1966. Amended June 10, 1970; in force December 23, 1970. Extension of safeguards pending new agreement, September 16 and 19, 1980; in force September 19, 1980. **Termination:** September 20, 1980. **Source:** UNTS 5585. TIAS 4557, 6124, 7001, 10053. **Note:** Superseded by the agreement of June 30, 1980, sequence number 0217.
0279. **INDONESIA and UNITED STATES.** Exchange of Notes Regarding Supply of Enriched Uranium for a TRIGA Reactor. Signed December 7, 1979; in force December 7, 1979. **Termination:** indefinite duration. **Source:** TIAS 9705. **Note:** This is in conjunction with a US-IAEA-Indonesia agreement December 7, 1979.
0217. **INDONESIA and UNITED STATES.** Peaceful Uses of Nuclear Energy. Signed June 30, 1980; in force December 30, 1981. Amended February 20, 2004; in force October 14, 2004. **Termination:** unknown. **Source:** TIAS 10219. USTF 1994, 1997, 2005. UNTS 26570. USDS 2004. **Note:** This supersedes the agreement of June 8, 1960, sequence number 0062.
1325. **INDONESIA and UNITED STATES (Nuclear Regulatory Commission).** Information Exchange Agreement. Signed October 1992. **Termination:** unknown. **Source:** NRC 1992.
2073. **INDONESIA and UNITED STATES.** Arrangement for the Exchange of Technical Information and Co-operation in Nuclear Safety Matters. Signed September 23, 1998; in force September 23, 1998. **Termination:** 2002. **Source:** USTF 1999, 2003, 2004. **Note:** This is listed in USTF 2003 but not in USTF 2004, and therefore is treated as terminated in 2002.
2074. **INDONESIA and UNITED STATES.** Arrangement for the Exchange of Technical Information and Co-operation in Nuclear Safety Matters. Signed September 17, 2003; in force September 17, 2003. **Termination:** unknown. **Source:** USTF 2005.
2075. **INDONESIA (Nuclear Regulatory Agency) and UNITED STATES (Department of Energy – National Nuclear Security Administration).** Arrangement on Nuclear Safeguards and Security Co-operation. Signed November 9, 2004. **Termination:** unknown. **Source:** AECO 4. **Note:** This concerns material protection, control and accounting.
0371. **INDONESIA and YUGOSLAVIA.** Co-operation in the Application of Nuclear Energy for Peaceful Purposes. Signed July 31, 1960; in force July 31, 1960. **Termination:** no specific provision. (Yugoslavia dissolved in 1991.) **Source:** Dodatak 1961/86.

0372. **INDONESIA** and **YUGOSLAVIA**. Economic Co-operation. Signed April 18, 1962; in force provisionally April 18, 1962. Appendix signed May 20, 1962. **Termination:** no specific provision. (Yugoslavia dissolved in 1991.) **Source:** Dodatak 1963/75; 1963/98. **Note:** This appendix refers to an atomic power project.

IRAN

1846. **IRAN** and **ARGENTINA**. Nuclear Co-operation Agreement. Signed December 1985. **Termination:** unknown. **Source:** NTI: Iran. Ornstein pp. 37-38. **Note:** Ornstein reports a request from Iran to INVAP in 1985 to help recondition a reactor, and a contract signed May 5, 1987. See the agreement of May 5, 1987, sequence number 0446).
0446. **IRAN** (Iranian Atomic Energy Organization) and **ARGENTINA** (National Institute of Applied Research). Nuclear Co-operation. Signed May 5, 1987. **Termination:** unknown. **Source:** PPNNP 1:2. K 1987:35562. NTI: Iran. Ornstein pp. 37-38. **Note:** The agreement includes the development of a core for a research reactor and help in the completion of power reactors. CNEA 86-87:58-59 does not list this as being in force as of December 31, 1987. PPNNP 19:11 reported that shipments by Argentina would be suspended. Ornstein pp. 37-38 says work continued past 1991 and was completed in 1993. See the agreement of December 1985, sequence number 1846.
1847. **IRAN** (Atomic Energy Organization) and **ARGENTINA** (INVAP). Reactor Fuel Elements Agreement. Signed October 1988. **Termination:** 1991. **Source:** Ornstein p. 38. **Note:** Ornstein reports contracts for technology for the manufacture of reactor fuel elements, for a uranium oxide purification and conversion plant, and a fuel manufacturing pilot plant, for the Isphahan Nuclear Technology Center. The contracts were terminated in 1991.
0126. **IRAN** and **CANADA**. Co-operation in the Peaceful Uses of Atomic Energy. Signed January 7, 1972; in force April 10, 1973. **Termination:** indefinite duration. **Source:** UNTS 14184. CTS 1973/2.
1919. **IRAN** and **CHINA (PRC)**. Nuclear Co-operation Agreement. Signed 1985. **Termination:** unknown. **Source:** Potter 255. WNC 19951217. NTI: PRC. **Note:** NTI: PRC notes a 1985 agreement on a reactor and reactor sites, but notes that it was "not officially recognized by the Chinese government."
1920. **IRAN** and **CHINA (PRC)**. Agreement. Signed mid-1987. **Termination:** unknown. **Source:** CIA ME-SA p. 28. **Note:** This is reported to include "scientific exchanges and the eventual purchase from China of miniature neutron source reactors and a heavy-water research reactor."
1921. **IRAN** and **CHINA (PRC)**. Agreement. Signed 1989. **Termination:** unknown. **Source:** NTI: PRC. **Note:** This supposedly concerns the transfer of nuclear

technology to Iran.

1128. **IRAN** (Atomic Energy Commission) and **CHINA (PRC)** (Nuclear Industry Organization). Supply of Small Research Reactor. Reported June 1990. **Termination:** unknown. **Source:** EOS 3:9. **Note:** NTI: PRC reports a 1990 agreement, of ten years' duration, for scientific co-operation (including nuclear) and for the transfer of military technology.
1922. **IRAN** and **CHINA (PRC)**. Agreement. Signed 1991. **Termination:** unknown. **Source:** NTI: PRC. IAEA-CNNP Iran 2002. **Note:** This is about the supply of nuclear technology to Iran. IAEA-CNNP Iran 2002 notes an agreement in 1991 with China for the supply of two 300 MW PWRs, confirmed in 1993, but "never realized."
1923. **IRAN** and **CHINA (PRC)**. Agreement. Signed 1992. **Termination:** unknown. **Source:** NTI: PRC. WNC 19951217. **Note:** This is supposedly about the supply of various equipment to Iran, including electromagnetic uranium enrichment technology.
1924. **IRAN** and **CHINA (PRC)**. Nuclear Co-operation Agreement. Signed September 1992. **Termination:** unknown. **Source:** NTI: Iran. NTI: PRC **Note:** This includes joint work on nuclear power plants, uranium exploration and extraction, and radiation safeguards. It is reported to have been ratified by Iran on April 13, 1993. NTI: PRC gives a signature date of September 10, 1992, and says it includes two 300 MW reactors and co-operation in exploring for and mining uranium.
1925. **IRAN** and **CHINA (PRC)**. Agreement. Signed July 6, 1993. **Termination:** unknown. **Source:** NTI: PRC. **Note:** This may be a protocol covering co-operation in many areas, including the construction of a nuclear power station in China.
1926. **IRAN** and **CHINA (PRC)**. Reactor Agreement. Possibly signed February 16 or 21, 1993. Announced July 4, 1994. **Termination:** unknown. **Source:** NTI: Iran. Wisc. China. **Note:** This is for a 300 MW reactor near Tehran? Wisc. Iran reports a cancellation in 1997.
1927. **IRAN** and **CHINA (PRC)**. Uranium Exploration Agreement. Signed April 18, 1996. **Termination:** unknown. **Source:** NTI Iran.
1141. **IRAN** and **CUBA**. Agreement for Exchange of Information in Nuclear Technology. Signed September 1991? **Termination:** unknown. **Source:** PPNNP 16:4. EOS 6:13. NTI: Iran.
1981. **IRAN** and **CZECH REPUBLIC** (Czechoslovakia). Nuclear Co-operation Agreement. Signed 1989. **Termination:** unknown. **Source:** NTI: Iran.
2022. **IRAN** and **FRANCE** (Commissariat à l'Energie Atomique). Uranium Prospect-

- ing and Exploitation Agreement. Signed around 1961. **Termination:** unknown **Source:** NBF 1023:17.
1173. **IRAN and FRANCE** (Commissariat à l'Energie Atomique). Uranium Prospecting and Exploitation Agreement. Signed 1969. **Termination:** unknown. **Source:** NBF 1023:17.
0643. **IRAN and FRANCE** (Commissariat à l'Energie Atomique). Aid to University of Tehran and Repair of Tehran Research Reactor. Signed March 11, 1969. **Termination:** unknown. **Source:** CEA 1969. NTI: Iran.
1174. **IRAN and FRANCE**. Nuclear Co-operation Agreement. Signed June 27, 1974. **Termination:** ten years duration. **Source:** K 1974:26755. FoF 1974:541. MEJ 28:428. NTI: Iran. **Note:** This apparently includes contracts for the creation of a nuclear research center, personnel training, the construction of a reactor for power generation, and desalination. NTI: Iran gives several possible dates for reactor construction, including October 1976, October 1977 and November 1974.
0734. **IRAN and GERMANY, FEDERAL REPUBLIC OF**. Scientific and Technical Co-operation. Signed June 30, 1975; in force November 21, 1977. **Termination:** indefinite duration. **Source:** FRGB 1978:280. **Note:** This contains a reference to co-operation in nuclear energy. After the fall of the Shah in 1979, co-operation between the two states broke down. See also the agreement of July 4, 1976, sequence number 0735.
0735. **IRAN** (Atomic Energy Organization) and **GERMANY, FEDERAL REPUBLIC OF** (Federal Minister of Research and Technology). Co-operation in the Peaceful Uses of Nuclear Energy. Signed July 4, 1976; in force November 21, 1977. **Termination:** November 19, 2006. **Source:** FRGB 1978:284, 2007:809. NTI: Iran. **Note:** This arises under the agreement of June 30, 1975, in force November 21, 1977, sequence number 0734. After the fall of the Shah in 1979, co-operation between the two states broke down. NTI.org Chronology Iran gives a date of July 1, 1976.
0770. **IRAN and INDIA**. Co-operation in the Peaceful Uses of Atomic Energy. Signed February 25, 1977; in force January 24, 1978. Amended November 9, 1984; in force November 9, 1984. **Termination:** unknown. **Source:** INMR. Rohn 433261. **Note:** See WNC 20031218 regarding assertion and denial of Indian nuclear co-operation with Iran.
2062. **IRAN and INDIA**. Memorandum of Understanding on Scientific and Technical Co-operation. Signed November 11, 1991. **Termination:** unknown. **Source:** NTI: Iran. CRS RS22530, November 8, 2006. **Note:** This apparently included the supply of a 10 MW research reactor, and was cancelled by India under US pressure.
1483. **IRAN and KOREA (DPRK)**. Nuclear Co-operation Agreement. Signed Feb-

ruary 1994. **Termination:** unknown. **Source:** NPR 3:3:113. NTI: Iran. **Note:** This is reported by South Korean and Arab sources alleging North Korean assistance to Iran.

2076. **IRAN and MEXICO.** Nuclear Co-operation Agreement. Signed April 29, 1991. **Termination:** unknown. **Source:** NTI: Iran. **Note:** This includes the exchange of scientific and technical information on nuclear energy, and co-operation in nuclear security.
1484. **IRAN** (Iranian Atomic Energy Organization) and **PAKISTAN.** Agreement. Signed 1987? **Termination:** unknown. **Source:** EOS 7, supplement. CEIP Khan Chronology. NTI: Pakistan. NTI: Iran. **Note:** This concerns training in Pakistan. NTI: WMD Chronology reports a possible secret nuclear co-operation agreement in February 1986.
1232. **IRAN and RUSSIA (USSR).** Declaration on the Principles of Relations. Signed June 22, 1989. **Termination:** unknown. **Source:** K 1989:36725. FoF 1989:475. NTI: Iran. **Note:** This refers to extending co-operation in various areas, including the peaceful use of nuclear energy. See also RL-USSR March 9, 1990. NTI: Iran reports this as ratified by Iran on April 13, 1993; this carries over to Russia.
1233. **IRAN and RUSSIA (USSR).** Protocol on Economic Co-operation. Signed March 6, 1990. **Termination:** unknown. **Source:** PPNNP 10:2. EOS 2:7; 3:9; 5:20. NPR 5:1:127. NTI: Iran. **Note:** This includes nuclear research for peaceful purposes. See also RL-USSR March 16, 1990. NTI: Iran suggests this is for two VVER 440 reactors and the completion of Bushehr.
1806. **IRAN and RUSSIA.** Agreement on Co-operation in the Field of the Peaceful Use of Nuclear Energy. Signed August 25, 1992. **Termination:** unknown. **Source:** NTI: Iran. WNC 19970708; WNC 20010316; WNC 20050307. Joint Russian-Iranian Communique, March 15, 2001, Iranwatch.org. **Note:** NTI: Iran reports an agreement on the construction of a nuclear power plant signed August 22 or 24, 1992, with 15 years duration. Supposedly, the plant is to be on the Caspian Sea near the Turkmenistan border. It also reports two Iran-Russia agreements in 1992. These include increasing co-operation in nuclear safety, radioisotope production, construction and operation of nuclear power plants, research and development, and training, and 2x440 VVER reactors. However, there is an indication simply that an agreement may be reached “soon” at the IAEA General Conference.
1726. **IRAN and RUSSIA.** Co-operation Agreement. Signed January 1995; in force January 12, 1996?. Protocol signed January 8, 1995. Additional Protocol early March 1995. Fuel Supply Agreement signed August 1995. Further Agreement March 6, 1998. Agreement for Turn-Key Project signed November 24, 1998. Protocol December 25, 2002. Agreement on Supply of Fuel to Bushehr, signed February 28, 2005. **Termination:** unknown. **Source:** Wehl. Freed.

ACT 31:2 2001; Iranwatch.org Governments: Russia; UGA-CITS *Monitor* 1:3 1995. NTI: Iran. NTI: WMD Chronology. WNC 20021225; 20071213. NN 20030102. **Note:** This sequence of agreements concerns the reconstruction of the Iranian nuclear power plants at Bushehr. It is a complex set of relationships, subject to change over time in the nature and extent of co-operation. Wehling and Freedman provide some guidance through this. NTI: Iran says that the August 24, 1995 fuel supply contract is for 10 years. NTI: Iran gives a November 23, 1998 date for an agreement between the Russian Atomic Energy Ministry and the Iranian Atomic Energy Organization for a feasibility study for the completion of Bushehr; this does not seem to be the same as the November 24, 1998 agreement, which is a Memorandum of Understanding to complete Bushehr. WNC 20021225 reports a protocol concerning the construction of reactors and reports agreement on a 10-year supply of fuel. Under the terms of the February 28, 2005 agreement, Russia will supply nuclear fuel, which will be returned to it as spent fuel.

2077. **IRAN** (Iranian Atomic Energy Organization) **RUSSIA** (Federal Inspectorate for Nuclear and Radiation Safety). Nuclear Safety Agreement. Signed July 6, 1997. **Termination:** unknown. **Source:** NTI: Iran. FBIS FTS 19970707000148.

1807. **IRAN** and **RUSSIA**. Treaty on the Basis for Mutual Relations and the Principles of Co-operation. Signed March 12, 2001; in force April 5, 2002. **Termination:** Indefinite duration. **Source:** UNTS 38860. **Note:** Article 6 refers to the promotion of co-operation, including in the peaceful use of atomic energy and the construction of nuclear power stations. NTI: Iran reports a nuclear agreement signed March 12-15, 2001.

1808. **IRAN** and **RUSSIA**. Memorandum of Understanding to Expand Economic, Commercial, Scientific and Technical Co-operation. Signed March 18, 2003. **Termination:** unknown. **Source:** NN20030321. Iranwatch.org. **Note:** This includes the development of nuclear energy for peaceful purposes. It was signed at the Fourth Meeting of the Iran-Russia Joint Economic Commission.

2078. **IRAN** and **SOUTH AFRICA**. Contract for Enriched Uranium. Reported October 1975. **Termination:** unknown. **Source:** NTI: South Africa.

2079. **IRAN** and **SPAIN**. Economic Co-operation Agreement. Signed March 1996. **Termination:** unknown. **Source:** NTI: Iran. **Note:** This could permit nuclear technological co-operation. An agreement (possibly private) to assist in the completion of the Bushehr was signed with a Spanish firm in February 1990, but was supposedly later cancelled. NTI: Iran. EOS 7 supplement. NPR5: 1: 127.

1234. **IRAN** and **UNITED KINGDOM**. Nuclear Co-operation Agreement. Signed October 19, 1975. **Termination:** unknown. **Source:** FoF 1975:809. **Note:** This includes training and help in developing a research reactor program at

Tehran University.

0055. **IRAN** and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed March 5, 1957; in force April 27, 1959. Amended June 8, 1964; in force January 26, 1967. Amended March 18, 1969; in force August 1, 1969. **Termination:** April 26, 1979. **Source:** UNTS 4898. TIAS 4207, 6219, 6726.
0956. **IRAN** and **UNITED STATES**. Joint Communiqué on Co-operation. Signed November 2, 1974; in force November 2, 1974. Agreed Minutes of the Second Session of the United States-Iran Joint Commission, March 4, 1975; in force March 4, 1975. Agreed Minutes of the Third Session of the United States-Iran Joint Commission, August 7, 1976; in force August 7, 1976. Agreed Minutes of the Fourth Session of the United States-Iran Joint Commission, February 28, 1978; in force February 28, 1978. **Termination:** no specific provision; 1979?. **Source:** UNTS 14247, 15682, 16322. TIAS 8042, 8455, 9238. USTF 1981. NTI: Iran. **Note:** Nuclear co-operation was discussed at all four meetings. There does not seem to have been a fifth meeting. The Shah of Iran fell from power in 1979. The agreement is not listed in USTF 1981, and therefore is treated as terminated in 1979.
0276. **IRAN** (Atomic Energy Organization) and **UNITED STATES** (Nuclear Regulatory Commission). Exchange of Technical Information and Co-operation in Nuclear Safety Matters. Signed April 11, 1977; in force April 11, 1977. **Termination:** April 10, 1982. **Source:** UNTS 17313. TIAS 8867. USTF 1982, 1983.
2080. **IRAN** and **VENEZUELA**. Agreement on Common Raw Material Exploitation. Signed May 2006. **Termination:** unknown. **Source:** Flandes, p. 26. **Note:** Flandes notes that the content of this is unknown, but it is rumoured to include uranium exploitation in the Amazon for export to Iran. In 2009, there were charges from an Israeli source – denied – that Bolivia and Venezuela were supplying uranium to Iran.

IRAQ

1096. **IRAQ** and **BRAZIL**. Memorandum for Co-operation in the Peaceful Uses of Atomic Energy. Signed October 1, 1979. **Termination:** unknown. **Source:** referenced in the agreement of January 5, 1980, sequence number 0145. NTI: Iraq.
0145. **IRAQ** and **BRAZIL**. Peaceful Uses of Nuclear Energy. Signed January 5, 1980; in force October 9, 1981. **Termination:** October 8, 1991. **Source:** UNTS 20629. CAI 984. ILM 21:367. NTI: Iraq.
0131. **IRAQ** and **FRANCE**. Co-operation in the Peaceful Uses of Nuclear Energy. Signed November 18, 1975; in force April 4, 1976. Amended September 11, 1976; in force November 4, 1976. **Termination:** April 3, 2001. **Source:**

UNTS 14953. RTAF 1976/34, 1977/14. NLB 18:44. Base Pacte. NTI: Iraq. INFCIRC/172/Add.1. **Note:** There was a reported agreement in 1979 regarding the application of safeguards for 10 years: Toronto, *Globe and Mail*, June 17, 1981, p. 3.

0644. **IRAQ** (Atomic Energy Commission) and **FRANCE** (Institut de Protection et de Sûreté Nucléaire, Commissariat à l'Energie Atomique). Safety and Quality Assurance. Signed November 1978. **Termination:** unknown. **Source:** CEA 1978.
0771. **IRAQ** and **INDIA**. Nuclear Co-operation. Signed March 28, 1974; in force March 28, 1974. **Termination:** indefinite duration. **Source:** Poul. p. 28. Potter p. 156. India Bilaterals. **Note:** BARC 1987 indicates on-going co-operation under this agreement.
1009. **IRAQ** (Atomic Energy Commission) and **ITALY** (Comitato Nazionale per la Ricerca e per lo Sviluppo dell'Energia Nucleare e delle Energie Alternative). Peaceful Uses of Atomic Energy. Signed January 15, 1976; in force 1976. **Termination:** 1986. **Source:** NEA Vol. II, p. 136. MEJ 30:210, 37:574. NTI: Iraq.
2081. **IRAQ** and **ITALY**. Agreement. Signed 1978. **Termination:** unknown. **Source:** FoF February 1980, p. 220. **Note:** This concerns the supply of a hot cell.
1235. **IRAQ** and **NIGER**. Sale of Uranium. Notice dated January 28, 1981. **Termination:** unknown. **Source:** JPRS-Wldwde September 8, 1981. NTI: Iraq. **Note:** This concerns a contract for 100 tons of uranium.
0096. **IRAQ** and **RUSSIA** (USSR). Co-operation in the Peaceful Uses of Atomic Energy. Signed August 17, 1959; in force September 30, 1959. **Termination:** December 21, 1975. **Source:** UNTS 10362. **Note:** Superseded by agreement of April 15, 1975, sequence number 0277.
0789. **IRAQ** and **RUSSIA** (USSR). Protocol on Scientific and Technical Co-operation in the Field of the Peaceful Utilization of Atomic Energy. Signed July 24, 1969. **Termination:** unknown. **Source:** GS p. 509.
0277. **IRAQ** and **RUSSIA** (USSR). Co-operation in the Field of the Peaceful Uses of Atomic Energy. Signed April 15, 1975; in force December 22, 1975. **Termination:** indefinite duration. **Source:** UNTS 14857. **Note:** This supersedes the agreement of August 17, 1959, sequence number 0096.
1010. **IRAQ** (Atomic Energy Commission) and **RUSSIA** (USSR) (State Committee for the Utilization of Atomic Energy). Protocol on Co-operation in the Field of the Utilization of Nuclear Energy for Peaceful Purposes. Signed April 15, 1975. **Termination:** unknown. **Source:** G p. 83.

1236. **IRAQ** (Iraq Atomic Energy Commission) and **RUSSIA** (USSR) (Atomenergo-export). Power Reactor Supply Agreement. Announced March 9, 1984. Contract on Site Selection, signed 1984. **Termination:** unknown; site selection contract completed 1986. **Source:** FoF 1984:261. IAEC Annual Reports 1984-85, 1986.

IRELAND

0298. **IRELAND** and **EUROPEAN UNION** (Euratom). Protocol No. 26 on the Exchange of Information with Ireland in the Field of Nuclear Energy. Signed January 22, 1972; in force January 1, 1973. **Termination:** no specific provision. **Source:** FRGB 1972:1125.
1809. **IRELAND** and **UNITED KINGDOM**. Agreement on the Early Notification of a Nuclear Accident or Incident of Radiological Significance and the Exchange of Information concerning the Operation and Management of Nuclear Facilities or Activities. Signed December 10, 2004; in force December 10, 2004. **Termination:** indefinite duration. **Source:** UKTS 2005/8.
0052. **IRELAND** and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed March 16, 1956; in force July 9, 1958. Amended February 13, 1961; in force March 30, 1961. Amended August 7, 1963; in force January 10, 1964. Amended June 12, 1968; in force July 25, 1968. **Termination:** July 8, 1978. **Source:** UNTS 4604. TIAS 4059, 4690, 5511, 6532.
2241. **IRELAND** and **UNITED STATES**. Exchange of Notes constituting an Agreement relating to a Grant for Procurement of Nuclear Research and Training Equipment. Signed March 24, 1960; in force April 7, 1960. **Termination:** no specific provision. **Source:** UNTS 5280. TIAS 4453.

ISRAEL

0869. **ISRAEL** and **BOLIVIA**. Agreement on Economic, Cultural, Technical and Scientific Co-operation. Signed April 13, 1972; in force August 15, 1973. **Termination:** indefinite duration. **Source:** UNTS 23232. **Note:** Peaceful uses of nuclear energy are included as one area of co-operation.
0502. **ISRAEL** and **BRAZIL**. Use of Nuclear Energy for Peaceful Purposes. Signed May 11, 1966; in force May 11, 1966. **Termination:** unknown. **Source:** BR 1965; 1966. Rohn 405337. DAI (web). **Note:** This is a complementary convention to the Basic Agreement on Technical Co-operation of March 10, 1962 (BR 1964).
1662. **ISRAEL** and **BRAZIL**. Atomic Energy Agreement. Signed January 4, 1968. **Termination:** unknown. **Source:** MEJ Vol. 22, 1968, p. 181.
0417. **ISRAEL** and **CHILE**. Peaceful Uses of Nuclear Energy. Signed June 28, 1966; in force June 28, 1966. **Termination:** indefinite duration. **Source:** ChM

1966:179.

1477. **ISRAEL** and **EGYPT**. Agreement on Nuclear Waste Control. Signed October 23, 1994. **Termination:** unknown. **Source:** FBIS-NES-94-205, October 24, 1994.
0790. **ISRAEL** and **FRANCE**. Utilization of the Results Obtained in Israel in the Extraction of Uranium out of Uranium Phosphate by France and concerning the Production of Heavy Water. Signed July 1954. **Termination:** unknown. **Source:** GAK 700-7030.
1696. **ISRAEL** (Israel Atomic Energy Commission) and **FRANCE** (Commissariat à l'Energie Atomique). Agreement for Sale of a Research Reactor. Signed September 17 or 21, 1956 in principle, and formalized October 3, 1957. **Termination:** unknown. **Source:** Cohen, pp. 54, 58, 59, 73-75. NTI: Israel. **Note:** Cohen says that the reactor was upgraded to a larger, plutonium-producing reactor in 1957.
2023. **ISRAEL** and **FRANCE** (Grand Accélérateur National d'Ions Lourds). Memorandum of Understanding on Collaboration in the Field of Nuclear Research. Signed May 23, 2006. **Termination:** unknown. **Source:** NTI: Israel. **Note:** This includes building an accelerator at the Soreq Nuclear Research Center in Israel.
1011. **ISRAEL** and **ITALY**. Nuclear Safety. In force 1972. **Termination:** unknown. **Source:** NEA Vol. II, p. 136.
0422. **ISRAEL** and **MEXICO**. Technical Co-operation. Signed July 11, 1966; in force June 17, 1968. **Termination:** no specific provision. **Source:** UNTS 9348. **Note:** Nuclear energy is one area of co-operation.
1727. **ISRAEL** and **NORWAY**. Sale of Heavy Water. Signed possibly February 25, 1959. **Termination:** unknown. **Source:** Cohen, pp. 60-62. NTI: Israel. **Note:** See also the agreement of June 1988, sequence number 1507.
1507. **ISRAEL** and **NORWAY**. Application of Safeguards to Heavy Water. Signed June 1988. **Termination:** unknown. **Source:** PPNNP 2:3; 4:3; 6:3. EOS 1:25; 3:13; 5:28. FBIS-WEU-92-018, January 28, 1992. K 1990, p. 37504. FoF 1990, p. 563. NTI: Israel. **Note:** This concerns the supply of heavy water originally supplied by Norway in 1959 (see sequence number 1727 above). The agreement may have fallen apart in 1989. It then appears to have been renegotiated with a draft agreement signed on April 27, 1990.
0077. **ISRAEL** (Atomic Energy Commission) and **PHILIPPINES** (Atomic Energy Commission). Co-operation in the Peaceful Uses of Atomic Energy. Signed June 10, 1963; in force June 11, 1963. Amended September 24 and November 5, 1965; in force retroactively from June 10, 1965. **Termination:** June 9, 1967. **Source:** UNTS 8526.

0079. **ISRAEL** and **PHILIPPINES**. Co-operation in the Peaceful Uses of Atomic Energy. Signed September 7 and December 28, 1966, and February 20, 1967; in force June 11, 1967 with retroactive effect from September 8, 1966. **Termination:** June 10, 1968. **Source:** UNTS 8642.
0082. **ISRAEL** and **PHILIPPINES**. Co-operation in the Peaceful Uses of Atomic Energy. Signed January 14, 1969; in force January 14, 1969. **Termination:** indefinite duration. **Source:** UNTS 9437.
1508. **ISRAEL** and **RUSSIA**. Desalination Plant Agreement. Reported August 13, 1993. **Termination:** unknown. **Source:** FBIS-NES-93-160, August 20, 1993; FBIS-NES-94-131, July 8, 1994. **Note:** This concerns a project for a floating reactor. The source of origin is a Cairo newspaper, which refers to "the Zionist entity," which also reports that Israel had completed tests on a 450 MW Russian reactor in the Negev.
2082. **ISRAEL** and **SOUTH AFRICA**. Technical Co-operation Agreement. Reported April 1976. **Termination:** unknown. **Source:** NTI: South Africa. **Note:** This is supposed to include nuclear research, including weapons.
0791. **ISRAEL** (Atomic Energy Commission) and **THAILAND** (Atomic Energy Commission). Co-operation in the Development of Atomic Energy Programs. Signed November 20, 1963. **Termination:** unknown. **Source:** GAK 899-7100.
0001. **ISRAEL** and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed July 12, 1955; in force July 12, 1955. Amended August 20, 1959; in force January 28, 1960. Amended June 11, 1960; in force July 8, 1960. Amended June 22, 1962; in force July 10, 1962. Amended August 19, 1964; in force October 1, 1964. Amended April 2, 1965; in force May 13, 1965. Amended August 23, 1966; in force September 22, 1966. Amended January 13, 1975; in force March 24, 1975. Amended April 7 and 8, 1977; in force April 8, 1977. **Termination:** April 11, 1977. **Source:** UNTS 2974. TIAS 3311, 4407, 4507, 5079, 5723, 5909, 6091, 8019, 8557. USTF 1997. **Note:** The final text provided for the continuation of safeguards.
2242. **ISRAEL** and **UNITED STATES**. Exchange of Notes constituting an Agreement relating to a Grant for Nuclear Research and Training Equipment and Materials. Signed October 19 and December 19, 1960; in force December 19, 1960; in force December 19, 1960. **Termination:** no specific provision. **Source:** UNTS 5772. TIAS 4655.
0792. **ISRAEL** and **UNITED STATES**. Feasibility Study of a Large Water Desalting Project. Signed October 14, 1964. Study of Combined Power-Desalting Nuclear Plant, signed April 9, 1965. **Termination:** 1966. **Source:** AEC 1965, 1967. AFPCD 1964:703-4, 707-8, 1965: 613.
0278. **ISRAEL** (Atomic Energy Commission) and **UNITED STATES** (Nuclear

Regulatory Commission). Exchange of Technical Information and Co-operation in Nuclear Safety Matters. Signed May 9 and 19, 1978; in force May 19, 1978. Amended April 11, 1983; in force April 11, 1983. **Termination:** 2000? **Source:** TIAS 9247, 10689. NRC text. ILM. USTF 1994, 1997, 2001, 2002. UNTS 18159. **Note:** This is listed in USTF 2001 but not in USTF 2002, therefore it is tentatively treated as terminated in 2000.

2083. **ISRAEL and UNITED STATES.** Scientific Agreement. Signed 1983. Renewed 1990. **Termination:** unknown. **Source:** FBIS-NES 95-028 February 10, 1995, p. 19. **Note:** This was supposed to be up for renewal in 1997. There are claims that this permits US nuclear experts to work in Israeli nuclear centers, and Israeli experts in the US.
1509. **ISRAEL and UNITED STATES.** Exchange of Technical Information and Co-operation in Nuclear Safety Matters. Signed July 11, 1988; in force July 11, 1988. **Termination:** 2000? **Source:** TIAS 12225. USTF 1997, 2001, 2002. **Note:** This is listed in USTF 2001 but not in USTF 2002, therefore it is tentatively treated as terminated in 2000.
2084. **ISRAEL and UNITED STATES.** Arrangement for the Exchange of Technical Information and Co-operation in Nuclear Safety and Research Matters. Signed September 23, 1998; in force September 23, 1998. **Termination:** 2002. **Source:** USTF 1999, 2003, 2004. **Note:** This is listed in USTF 2003 but not USTF 2004, therefore it is treated as terminated in 2002.
1593. **ISRAEL** (Israel Atomic Energy Commission) and **UNITED STATES** (Department of Energy). Letter of Intent on Co-operation in the Fields of Non-Proliferation, Arms Control, and Regional Security. Signed February 22, 2000. **Termination:** no specific provision. **Source:** NLB 65:63. US DOE. NTI: Israel. **Note:** Main areas are: verification of the Comprehensive Test Ban Treaty and promotion of regional seismic monitoring co-operation; assessment of international nuclear safeguards measures; assessment of monitoring technologies for regional security and co-operation.
2085. **ISRAEL and UNITED STATES.** Arrangement for the Exchange of Technical Information and Co-operation in Nuclear Safety and Research Matters. Signed April 7, 2005; in force April 7, 2005. Amended March 31, 2008; in force March 31, 2008. **Termination:** unknown. **Source:** USDS 2005, 2008. USTF 2006. **Note:** NN 20080416 reports that this “broadens and upgrades previous accords” signed over the “last two decades.”
0423. **ISRAEL and URUGUAY.** Co-operation in the Field of the Use of Atomic Energy for Peaceful Purposes. Signed June 23, 1966. **Termination:** no specific Provision. **Source:** UTCI 1968, 1209.

ITALY

0403. **ITALY** and **ARGENTINA**. Collaboration in the Field of the Peaceful Uses of Nuclear Energy. Signed June 14, 1960. **Termination:** no specific provision. **Source:** DI 16:314. Rohn 436020.
0904. **ITALY** (Comitato Nazionale per l'Energia Nucleare) and **ARGENTINA** (Comisión Nacional de Energía Atómica). Co-operation. Signed February 11, 1965. **Termination:** unknown. **Source:** NEA Vol. II, p. 136. **Note:** This includes supply of ores, radioisotopes and nuclear equipment. CNEA 50th gives the signature date as February 17, 1965.
0909. **ITALY** (Comitato Nazionale per la Ricerca e per lo Sviluppo dell'Energia Nucleare e delle Energie Alternative) and **ARGENTINA** (Comisión Nacional de Energía Atómica). Peaceful Uses of Nuclear Energy. In force 1985. **Termination:** unknown. **Source:** NEA Vol. II, p. 135.
1639. **ITALY** (Agenzia Nazionale per la Protezione dell' Ambiente) and **ARGENTINA** (Autoridad Regulatoria Nuclear). Exchange of Technical Information and Mutual Co-operation. Signed December 14, 2000. **Termination:** unknown. **Source:** ARN Annual Report 2001.
0413. **ITALY** and **BRAZIL**. Co-operation in the Peaceful Use of Nuclear Energy. Signed September 6, 1958; in force April 19, 1963. Program to Execute the Accord, signed July 29, 1981; in force July 29, 1981. **Termination:** indefinite duration. **Source:** CAI 510. DI 14:310. DAI. **Note:** This gives rise to agreements numbers 1097 and 1098.
1097. **ITALY** (National Nuclear Energy Commission) and **BRAZIL** (Comissão Nacional de Energia Nuclear). Protocol of Co-operation. Signed August 13, 1971; in force August 13, 1971. **Termination:** unknown. **Source:** JPRS-Wldwde, September 8, 1981. DAI.
1098. **ITALY** (National Nuclear Energy Commission) and **BRAZIL** (Comissão Nacional de Energia Nuclear). Co-operation on Fast Breeder Reactor. Signed July 29, 1981; in force July 29, 1981. **Termination:** July 28, 1986. **Source:** JPRS-Wldwde September 8, 1981. DAI.
1347. **ITALY** and **BRAZIL**. Protocol of Understanding relating to the Framework Agreement on Economic, Industrial, Scientific and Technological, Technical and Cultural Co-operation. Signed December 11, 1991; in force December 11, 1991. **Termination:** indefinite duration. **Source:** NBL 49:73. UNTS 28626. DAI. **Note:** This arises under an October 17, 1989 Framework Agreement for Economic, Industrial, Scientific, Technical and Cultural Co-operation for 1989-1991 (UNTS 28624). It includes scientific co-operation, including a feasibility study regarding storage of radioactive waste resulting from the Goiania incident.

1007. **ITALY** (Comitato Nazionale per l'Energia Nucleare) and **CANADA** (Atomic Energy Control Board). Arrangement for the Exchange of Information [safety]. Signed February 8, 1977. Understanding concerning implementation, February 8, 1977. **Termination:** February 7, 1982. **Source:** IAEA p. 67.
0541. **ITALY** and **CHINA (PRC)**. Scientific and Technical Co-operation for Peaceful Uses of Nuclear Energy. Signed May 19, 1980. Program for 1980-81 May 19, 1980. **Termination:** unknown. **Source:** FBIS-PRC May 20, 1980.
1129. **ITALY** and **CHINA (PRC)**. Nuclear Co-operation Agreement. Signed 1984. **Termination:** unknown. **Source:** Potter p. 255.
1033. **ITALY** (Comitato Nazionale per la Ricerca e per lo Sviluppo dell'Energia Nucleare e delle Energie Alternative) and **CHINA (PRC)** (National Nuclear Safety Administration). Agreement on the Exchange of Nuclear Safety Information. Signed 1987; in force 1987. **Termination:** 1992. **Source:** IAEA p. 80.
0707. **ITALY** (Comitato Nazionale per l'Energia Nucleare) and **EGYPT** (Atomic Energy Authority). Co-operation on Peaceful Uses of Atomic Energy. Signed February 28, 1973; in force February 28, 1973. **Termination:** February 27, 1983. **Source:** JPRS-NE June 19, 1974.
0590. **ITALY** and **EGYPT**. Atomic Energy Agreement. Signed March 7, 1984. **Termination:** unknown. **Source:** AFDI.
0603. **ITALY** and **EUROPEAN UNION** (Euratom). Agreement Instituting a Joint Centre for Nuclear Research. Signed July 22, 1959. **Termination:** unknown. **Source:** GAK 250-7040.
0604. **ITALY** (Comitato Nazionale per l'Energia Nucleare) and **EUROPEAN UNION** (Euratom, European Community). Contract of Association in the Field of Thermonuclear Fusion. Signed July 10, 1969. **Termination:** unknown. **Source:** BEC 1969, No. 9/10, p. 58.
0645. **ITALY** (Comitato Nazionale per l'Energia Nucleare) and **FRANCE** (Commissariat à l'Energie Atomique). Fast Reactor Co-operation. Signed April 1970. **Termination:** unknown. **Source:** CEA 1970. NBF 1086:3. **Note:** The Commissariat agrees to act in a consulting capacity for the first Italian fast reactor.
0646. **ITALY** (Comitato Nazionale per l'Energia Nucleare) and **FRANCE** (Commissariat à l'Energie Atomique). Collaboration on Fast Reactors. Signed May 3, 1974. **Termination:** unknown. **Source:** CEA 1974.
0971. **ITALY** (Comitato Nazionale per l'Energia Nucleare) and **FRANCE** (Service Central de Sûreté des Installations Nucléaires du Ministère de l'Industrie). Understanding on the Exchange of Technical Information in Nuclear Regulatory Matters and Co-operation in the Field of Nuclear Safety. Signed Novem-

- ber 10, 1978; in force November 10, 1978. **Termination:** November 9, 1983. **Source:** NEA Vol. II, p. 136. IAEA p. 216.
0647. **ITALY** (Comitato Nazionale per la Ricerca e per lo Sviluppo dell'Energia Nucleare e delle Energie Alternative) and **FRANCE** (Commissariat à l'Energie Atomique). Collaboration in the Fabrication of Fuel Elements for Fast Reactors. Signed December 9, 1983. **Termination:** unknown. **Source:** CEA 1983.
0648. **ITALY** (Comitato Nazionale per la Ricerca e per lo Sviluppo dell'Energia Nucleare e delle Energie Alternative) and **FRANCE** (Commissariat à l'Energie Atomique). Fabrication of Fuel Elements for Fast Reactors. Signed June 8, 1984. **Termination:** unknown. **Source:** CEA 1984.
0924. **ITALY** (Comitato Nazionale per la Ricerca e per lo Sviluppo dell'Energia Nucleare e delle Energie Alternative) and **FRANCE** (Commissariat à l'Energie Atomique). Research and Development in the Technology of Breeder Fuel Fabrication. Signed June 8, 1984. **Termination:** unknown. **Source:** CEA 1984.
1395. **ITALY** and **FRANCE** (Commissariat à l'Energie Atomique). Agreement for Co-operation in the Study of New Reactors. Signed 1990? **Termination:** unknown. **Source:** CEA 1990. **Note:** NLB 66:63 may give a signature date of April 11, 1990. See the note for the agreement of July 21, 2000, sequence number 1697.
1576. **ITALY** and **FRANCE**. Convention on the Prediction and Prevention of Major Hazards and on Mutual Assistance in the Event of Natural or Man-Made Disasters. Signed September 16, 1992; in force August 6, 1995. **Termination:** indefinite duration. **Source:** UNTS 33532. **Note:** This includes nuclear emergencies.
1697. **ITALY** (National Agency for New Technologies, Energy and the Environment) and **FRANCE** (Commissariat à l'Energie Atomique). Addendum to Co-operation Agreement on Reactors of the Future and Advanced Technology. Third Addendum signed July 21, 2000. **Termination:** unknown. **Source:** NLB 66:63. **Note:** This could be an addendum to the agreement of 1990, sequence number 1395.
1798. **ITALY** and **FRANCE**. Agreement on Treatment of Italian Spent Fuel. Signed November 24, 2006; in force May 10, 2007. **Termination:** no specific provision. **Source:** Base Pacte. **Note:** This allows the Italian nuclear waste management body, SOGIN, to sign a reprocessing agreement with the French firm, AREVA, concerning 235 tonnes of spent fuel.
0757. **ITALY** (Comitato Nazionale per l'Energia Nucleare) and **GREECE** (Atomic Energy Commission). Collaboration Agreement. Signed September 20, 1961. **Termination:** unknown. **Source:** Giuliano p. 221.

1005. **ITALY** and **HUNGARY**. Nuclear Safety. In force 1976. **Termination:** unknown. **Source:** NEA Vol. II, p. 136.
0772. **ITALY** and **INDIA**. Co-operation in the Peaceful Uses of Atomic Energy. Signed April 2, 1977; in force April 2, 1977. **Termination:** unknown. **Source:** INMR. Rohn 570272.
1008. **ITALY** and **INDONESIA**. Framework Agreement for Nuclear Co-operation. In force 1977. Amended March 17, 1980. **Termination:** unknown. **Source:** NEA Vol. II, p. 136.
1009. **ITALY** (Comitato Nazionale per la Ricerca e per lo Sviluppo dell'Energia Nucleare e delle Energie Alternative) and **IRAQ** (Atomic Energy Commission). Peaceful Uses of Atomic Energy. Signed January 15, 1976; in force 1976. **Termination:** 1986. **Source:** NEA Vol. II, p. 136. MEJ 30:210, 37:574. NTI: Iraq.
2081. **ITALY** and **IRAQ**. Agreement. Signed 1978. **Termination:** unknown. **Source:** FoF February 1980, p. 220. **Note:** This concerns the supply of a hot cell.
1011. **ITALY** and **ISRAEL**. Nuclear Safety. In force 1972. **Termination:** unknown. **Source:** NEA Vol. II, p. 136.
0793. **ITALY** and **JAPAN**. Peaceful Uses of Atomic Energy. Signed October 26, 1973. **Termination:** unknown. **Source:** Rohn 578112.
0794. **ITALY** (Comitato Nazionale per l'Energia Nucleare) and **PAKISTAN** (Atomic Energy Commission). Co-operation in the Peaceful Uses of Nuclear Energy. Signed September 24, 1966; in force September 24, 1966. **Termination:** unknown. **Source:** Giuliano p. 344. **Note:** S & R p. 41 indicate that talks to extend this agreement were held in November 1974.
0425. **ITALY** and **POLAND**. Program of Cultural and Scientific Co-operation, 1963-64. Signed June 10, 1963; in force July 1, 1963. Program for 1965-66, December 18, 1964; in force January 1, 1965. **Termination:** unknown. **Source:** DI 18:388; 19:250. **Note:** This includes references to nuclear co-operation. There may be a series of such exchanges between the two states.
0795. **ITALY** (Comitato Nazionale per l'Energia Nucleare) and **POLAND** (Commissariat for the Use of Atomic Energy). Co-operation in the Peaceful Use of Atomic Energy. Signed June 21, 1963. **Termination:** unknown. **Source:** GAK 854-7210. Giuliano p. 356.
0926. **ITALY** (Comitato Nazionale per l'Energia Nucleare) and **POLAND** (Commissariat for the Use of Atomic Energy). Co-operation in the Peaceful Uses of Nuclear Energy for 1966-1967. Signed November 30, 1965. **Termination:** unknown. **Source:** GAK 854-7260.

0424. **ITALY** and **ROMANIA**. Program of Exchanges in the Sectors of Culture, Arts, Science, Technology, Education and Sport, April 1, 1962-June 30, 1963. Signed March 15, 1961; in force April 1, 1962. **Termination:** June 30, 1963. **Source:** DI 17:387. **Note:** This mentions co-operation between the atomic energy agencies of the two states. It appears to be one of a series of such exchange agreements between the two states.
0243. **ITALY** and **ROMANIA**. Technical and Scientific Co-operation. Signed June 16, 1964; in force March 30, 1965. Protocol creating a Joint Commission February 4, 1966; in force February 4, 1966. **Termination:** indefinite duration. **Source:** UNTS 8150. DI 21:293. **Note:** The protocol creating the Joint Commission under this agreement included nuclear co-operation as an area.
0796. **ITALY** (Comitato Nazionale per l'Energia Nucleare) and **ROMANIA** (Comitetul pentru Energia Nucleara). Co-operation in the Field of Nuclear Energy. Signed May 28, 1969. **Termination:** unknown. **Source:** GAK 870-7280.
0426. **ITALY** and **RUSSIA** (USSR). Cultural Agreement. Signed February 9, 1960; in force April 10, 1961. **Termination:** indefinite duration. **Source:** UNTS 5735. DI 19:256. **Note:** The communiqué of February 4, 1964, of the commission operating under this agreement mentions exchanges in the nuclear area.
0345. **ITALY** (Comitato Nazionale per l'Energia Nucleare) and **RUSSIA** (USSR) (State Committee for the Utilization of Atomic Energy). Co-operation in the Peaceful Uses of Nuclear Energy. Signed October 22, 1965; in force October 22, 1965. **Termination:** unknown. **Source:** STS 1368. NEA Vol. II, p. 136. Giuliano p. 527. Rohn 564197. **Note:** NLB 45:83 indicates that this agreement was still in force as of 1989. K 1965:21059 indicates that the initial text was for three years, renewable automatically for another three years. See also the agreement of October 10, 1989, sequence number 1238.
0427. **ITALY** and **RUSSIA** (USSR). Economic and Scientific-Technical Co-operation. Signed April 23, 1966; in force April 23, 1966. Supplementary Protocol November 12, 1970; in force November 12, 1970. **Termination:** indefinite duration. **Source:** UNTS 19742. DI 21:318. GS pp. 343, 344, 572. FBIS-WEU November 29, 1989. **Note:** Nuclear co-operation was discussed by the commission created under this agreement. The FBIS report indicates a program for co-operation for 1989-98, including nuclear power.
1301. **ITALY** and **RUSSIA** (USSR). Development of Economic, Industrial and Technical Co-operation. Signed July 25, 1974; in force July 25, 1974. Long-Term Programme for the Strengthening of Economic and Industrial Co-operation, signed October 29, 1975; in force October 29, 1975. Protocol to Long-Term Programme, signed October 27, 1979; in force October 29, 1979. **Termination:** June 26, 1985. **Source:** UNTS 19479, 19480. **Note:** The 1974 agreement has no specific nuclear reference, but the Long-Term Programme

concluded under it refers to the possible supply of uranium enrichment services and the Protocol to the possible supply of equipment for the Volgodonsk nuclear power engineering plant.

1238. **ITALY** (Comitato Nazionale per la Ricerca e per lo Sviluppo dell'Energia Nucleare e delle Energie Alternative) and **RUSSIA** (USSR) (State Committee for the Utilization of Atomic Energy). Memorandum of Co-operation in the Field of Controlled Themonuclear Fusion. Signed October 10, 1989. **Termination:** unknown. **Source:** NLB 45:83-84. **Note:** This takes place within the framework of the agreement of October 22, 1965, sequence number 0345.
0797. **ITALY** (Comitato Nazionale per l'Energia Nucleare) and **SOUTH AFRICA** (Atomic Energy Board). Agreement for Co-operation. Signed August 8, 1965. **Termination:** unknown. **Source:** GAK 886-7130. Giuliano p. 450.
0798. **ITALY** and **SPAIN**. Nuclear Co-operation. Signed July 3, 1957. Amended July 22, 1959. Amended December 3, 1960. Amended November 23, 1964. Amended December 16, 1965. **Termination:** unknown. **Source:** Hunt.
0799. **ITALY** (Comitato Nazionale per l'Energia Nucleare) and **SPAIN** (Junta de Energia Nuclear). Co-operation in the Field of Nuclear Energy. Signed June 25, 1965. **Termination:** unknown. **Source:** GAK 888-7150. Giuliano p. 418. Rohn 459724.
1012. **ITALY** (Comitato Nazionale per la Ricerca e per lo Sviluppo dell'Energia Nucleare e delle Energie Alternative) and **SPAIN** (Consejo de Seguridad Nuclear). Agreement on the Exchange of Technical Information and Co-operation in the Field of Nuclear Safety and Radiation Protection. Signed October 7, 1982; in force October 7, 1982. **Termination:** indefinite duration. **Source:** NEA Vol. II, p. 136. IAEA p. 336.
1237. **ITALY** and **SWITZERLAND**. Agreement on the Exchange of Information on Nuclear Installations. Signed December 15, 1989; in force February 26, 1990. **Termination:** unknown. **Source:** NLB 45:83. UNTS 33772.
2086. **ITALY** (National Agency on Environmental Protection) and **UKRAINE** (Ministry of Ecology). Agreement on Technical Information Exchange and Co-operation in the Area of Nuclear Safety and Radiation Protection. Signed March 23, 1998. **Termination:** unknown. **Source:** IAEA-CNNP Ukraine 2002.
0800. **ITALY** (Comitato Nazionale per l'Energia Nucleare) and **UNITED KINGDOM** (Atomic Energy Authority). Exchange of Information and Methods of Production of Heavy Water. Signed May 6, 1955. **Termination:** unknown. **Source:** GAK 918-7060.
0046. **ITALY** and **UNITED KINGDOM**. Co-operation in the Peaceful Uses of Atomic Energy. Signed December 28, 1957; in force May 12, 1958. **Termination:**

- nation:** May 11, 1968. **Source:** UNTS 4425. UKTS 1958/1 (Italy).
0801. **ITALY** (Comitato Nazionale per l'Energia Nucleare) and **UNITED KINGDOM** (Atomic Energy Authority). Collaboration Arrangement. Created prior to mid-1967. **Termination:** unknown. **Source:** AEA 1966-67.
1013. **ITALY** (Comitato Nazionale per l'Energia Nucleare) and **UNITED KINGDOM** (Health and Safety Executive). Arrangement for the Exchange of Information [safety]. Signed January 21, 1980; in force January 21, 1980. **Termination:** January 20, 1985. **Source:** NEA Vol. II, p. 136. IAEA p. 344.
1239. **ITALY** (Comitato Nazionale per la Ricerca e per lo Sviluppo dell'Energie Nucleare e delle Energie Alternative) and **UNITED KINGDOM** (Atomic Energy Authority). Collaboration on Fast Reactor Research and Development. Noted 1987-88. **Termination:** unknown. **Source:** AEA 1987/88.
0015. **ITALY** and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed July 28, 1955; in force July 28, 1955. **Termination:** April 14, 1958. **Source:** UNTS 3382. TIAS 3312. **Note:** Superseded by agreement of July 3, 1957, sequence number 0048.
0048. **ITALY** and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed July 3, 1957; in force April 15, 1958. Amended July 22, 1959; in force March 30, 1961. **Termination:** April 14, 1978. **Source:** UNTS 4462. TIAS 4016, 4689. **Note:** This supersedes the agreement of July 28, 1955, sequence number 0015.
0802. **ITALY** (Comitato Nazionale per l'Energia Nucleare) and **UNITED STATES** (Atomic Energy Commission). Joint Research on the Uranium-Thorium Fuel Cycle. Signed November 14, 1962. Amended November 17, 1965. **Termination:** unknown. **Source:** GAK 925-1860, 925-2390. AEC 1962, 1965. **Note:** The first agreement provides for the reprocessing in Italy of spent fuel from the US Elk River plant.
0803. **ITALY** (Comitato Nazionale per l'Energia Nucleare) and **UNITED STATES** (Atomic Energy Commission). Co-operation in the Field of Studies and Research on the Use of Nuclear Energy for Water Desalting. Signed November 17, 1965. **Termination:** unknown. **Source:** GAK 925-2395.
0804. **ITALY** and **UNITED STATES** (Atomic Energy Commission). Technical Exchange Agreement. Signed 1967. **Termination:** unknown. **Source:** AEC 1967.
0218. **ITALY** (Comitato Nazionale per l'Energia Nucleare) and **UNITED STATES** (Nuclear Regulatory Commission). Technical Information Exchange, Safety Research and Development of Standards. Signed May 29, 1975; in force May 29, 1975. Amended April 1, 1981; in force April 1, 1981. Amended September 28, 1988; in force September 28, 1988. Renewed November 1993. **Ter-**

mination: unknown. **Source:** UNTS 16263, 27538. TIAS 8346. NRC text. IAEA p. 347. NRC 1994.

0219. **ITALY** (Comitato Nazionale per la Ricerca e per lo Sviluppo dell'Energia Nucleare e delle Energia Alternative) and **UNITED STATES** (Nuclear Regulatory Commission). Severe Nuclear Accident Research. Signed December 23, 1982 and February 25, 1983; in force February 25, 1983 with retroactive effect from December 23, 1982. **Termination:** December 22, 1986. **Source:** TIAS 10667. UNTS 27597.
0436. **ITALY** (Comitato Nazionale per la Ricerca e per lo Sviluppo dell'Energia Nucleare e delle Energia Alternative) and **UNITED STATES** (Nuclear Regulatory Commission). Loss of Coolant Accident Calculation for an Italian Pressurized Water Reactor with "Sistema di Salvataggio Nocciolo" [safety]. Signed October 19 and November 28, 1984; in force November 28, 1984. **Termination:** six months from the beginning of activities. **Source:** NRC text.
0623. **ITALY** (Comitato Nazionale per la Ricerca e per lo Sviluppo dell'Energia Nucleare e delle Energie Alternative) and **UNITED STATES** (Nuclear Regulatory Commission). Thermal-Hydraulic Research [safety]. Signed December 6, 1985 and January 23, 1986; in force January 23, 1986. **Termination:** January 22, 1991 or fulfillment of all obligations. **Source:** NRC text.
0806. **ITALY** (Comitato Nazionale per la Ricerca e per lo Sviluppo dell'Energia Nucleare e delle Energie Alternative) and **UNITED STATES** (Nuclear Regulatory Commission). General Administrative Agreement relating to Participation in the United States Nuclear Regulatory Commission Program of Severe Accident, Source Term and Containment Research. Signed May 11 and June 5, 1987; in force June 5, 1987. **Termination:** 2000? **Source:** TIAS 12230. NRC text. USTF 1994, 1997, 2001, 2002. **Note:** This is listed in USTF 2001 but not in USTF 2002, therefore it is tentatively treated as terminated in 2000.
1810. **ITALY** and **UNITED STATES**. Agreement for Scientific and Technological Co-operation. Signed April 1, 1988; in force April 1, 1988. **Termination:** March 31, 1993. **Source:** UNTS 38524. **Note:** Article II refers to possible fusion research.
1728. **ITALY** and **UNITED STATES**. Exchange of Technical Information and Co-operation in Nuclear Safety Matters. Signed September 28, 1999; in force September 28, 1999. **Termination:** 2004? **Source:** USDS. USTF 2000, 2005, 2006. **Note:** This is listed in USTF 2005 but not in USTF 2006, therefore it is tentatively treated as terminated in 2004.
2087. **ITALY** and **UNITED STATES**. Arrangement for the Exchange of Technical Information and Co-operation in Nuclear Safety Matters. Signed September 26, 2005; in force September 26, 2005. **Termination:** unknown. **Source:** USDS 2005. USTF 2006.

0807. **ITALY** and **VENEZUELA**. Complementary Accord to the Basic Convention on Technical Co-operation, in the Area of Nuclear Energy for Peaceful Purposes. Signed October 14, 1983; in force April 20, 1984. **Termination:** unknown. **Source:** VLA 1985.

0808. **ITALY** (Comitato Nazionale per l'Energia Nucleare) and **YUGOSLAVIA** (Federal Committee on Nuclear Energy). Co-operation in the Field of the Peaceful Uses of Nuclear Energy. Signed November 7, 1960. Agreement on Realization of the Program, signed December 21, 1960 and January 5, 1961. Program for 1962-1963, signed May 9, 1962. Third Program 1966-67, signed November 11, 1965. Fourth Program 1969-70, signed May 16, 1969. **Termination:** unknown. (Yugoslavia dissolved in 1991.) **Source:** GAK 985-7110, 985-7120, 985-7215, 985-7480, 985-7710 Dodatak 1963/112, 1967/42, 1970/161. **Note:** YS 20:155 indicates co-operation continuing between these two agencies in 1976.

JAMAICA

0524. **JAMAICA** and **CANADA**. Sale of a Slowpoke - 2 Nuclear Reactor. Signed June 20 and 30, 1983; in force June 30, 1983. **Termination:** no specific provision. **Source:** UNTS 24865. CTS 1984/39. **Note:** The exchange of letters constituting the Canada-Jamaica agreement appears as an appendix to an IAEA-Canada-Jamaica-United States agreement of January 25, 1984, concerning the transfer of enriched uranium for a low power research reactor. The exchange of notes of June 20, 1983 refers to an earlier exchange, on February 3 and 8, 1983, which it supersedes.

JAPAN

0067. **JAPAN** and **AUSTRALIA**. Co-operation in Civil Uses of Atomic Energy. Signed August 7, 1962; in force August 7, 1962. **Termination:** July 27, 1972. **Source:** UNTS 6283. ATS 1962/4. **Note:** Superseded by the agreement of February 21, 1972, sequence number 0128.

0128. **JAPAN** and **AUSTRALIA**. Co-operation in the Peaceful Uses of Atomic Energy. Signed February 21, 1972; in force July 28, 1972. **Termination:** August 6, 1982. **Source:** UNTS 14705. ATS 1972/9, 1982/22. **Note:** This supersedes the agreement of August 7, 1962, sequence number 0067. It is superseded by agreement of March 5, 1982, sequence number 0153.

1081. **JAPAN** and **AUSTRALIA**. Collaborative Study of an Enrichment Plant in Australia. Announced November 1974. **Termination:** unknown. **Source:** AAEC 1977. **Note:** Meetings under this agreement were reported for 1974 and 1977.

0467. **JAPAN** and **AUSTRALIA**. Exchange of Notes Concerning Conversion and Enrichment in France of Australian Uranium Supplied to Japan. Signed De-

ember 12, 1980. **Termination:** unknown. **Source:** APP 1980-82. **Note:** This is a transitional agreement, the termination of which may be affected by the Australia-Japan agreement of March 5, 1982, sequence number 0153. See also the Australia-France agreement of October 30, 1980, sequence number 0304.

0153. **JAPAN** and **AUSTRALIA**. Co-operation in the Peaceful Uses of Nuclear Energy. Signed March 5, 1982; in force August 7, 1982. **Termination:** indefinite duration. **Source:** ATS 1982/22. UNTS 22947. **Note:** The agreement of March 5, 1982, sequence number 2255, is the implementing arrangement for this agreement.
2255. **JAPAN** and **AUSTRALIA**. Exchange of Letters constituting an Agreement to Establish an Implementing Arrangement Pursuant to the Agreement for Co-operation in the Peaceful Uses of Nuclear Energy of March 5, 1982. Signed March 5, 1982; in force August 7, 1982. Amendment, signed July 27, 1990; in force July 27, 1990. Amendment, signed September 3 and 10, 1999; in force December 13, 1999. Amendment, signed June 16 and August 1, 2000; in force October 16, 2000. Amendment by Replacing the Delineated and Recorded Japanese Nuclear Fuel Cycle Program, signed November 23, 2006; in force November 23, 2006. **Termination:** indefinite duration (same as sequence number 0153). **Source:** UNTS 22947. NLB 48:61. ATS 1982/22, 1990/27, 1999/30, 2000/31, 2006/18. **Note:** This applies to the agreement of March 5, 1982, sequence number 0153.
1868. **JAPAN** and **AUSTRALIA**. Statement on Enhancement of Co-operation on Climate Change and Energy Security. Issued September 9, 2007. **Termination:** unknown. **Source:** NN 20070906. **Note:** This includes a reference to peaceful nuclear technology: Japan will provide reactor technology and expertise and will get stable supplies of Australian uranium.
1468. **JAPAN** and **BELARUS**. Agreement. Signed September 1994. **Termination:** unknown. **Source:** NPR 2:3: 137. **Note:** This concerns support for the establishment of a nuclear materials control system.
1455. **JAPAN** (JAERI) and **BELGIUM** (Nuclear Research Center SCK/CEN). Memorandum on Future Cooperation in Nuclear Energy Research and Development. Signed June 16, 2005. **Termination:** unknown. **Source:** JAEA. **Note:** This is incorporated into the JAEA-SCK/CEN agreement of November 23, 2006, sequence number 1457, following the merger of JAERI and JNC (Japan Nuclear Cycle Development Institute) into the Japan Atomic Energy Agency.
1457. **JAPAN** (JAEA) and **BELGIUM** (Nuclear Research Center SCK/CEN). Collaboration Agreement for Cooperation in the Field of Research and Development of Nuclear Energy. Signed November 23, 2006. **Termination:** unknown. **Source:** JAEA. **Note:** This incorporates the SCK/CEN-JAERI agreement of June 16, 2005, sequence number 1455, following the merger of

JAERI and JNC (Japan Nuclear Cycle Development Institute) into the Japan Atomic Energy Agency.

1099. **JAPAN** and **BRAZIL**. Scientific and Technological Co-operation Agreement. Ratified by Brazil June 21, 1985. **Termination:** unknown. **Source:** JPRS-LAM August 23 and 26, 1985. **Note:** This includes nuclear energy as an area of co-operation.
0061. **JAPAN** and **CANADA**. Co-operation in the Peaceful Uses of Atomic Energy. Signed July 2, 1959; in force July 27, 1960. Note re Canadian Uranium Shipments to Japan, reported January 26, 1978. Amended August 22, 1978; in force September 2, 1980. Exchange of Notes Concerning Reprocessing and Storage and Use of Plutonium, April 14, 1983; in force April 14, 1983. **Termination:** indefinite duration. **Source:** UNTS 5504. CTS 1960/15, 1980/16. CDEA 1983-84. PH. NLB 23:51-52. **Note:** see also the agreement of April 14, 1983, sequence number 2259.
2259. **JAPAN** and **CANADA**. Exchange of Notes constituting an Agreement concerning Reprocessing and Storage and Use of Plutonium, April 14, 1983; in force April 14, 1983. **Termination:** no specific provision. **Source:** CTS 1983/13. UNTS 24925. **Note:** This provides consent for reprocessing arising under the agreement of July 2, 1959, sequence number 0061.
1928. **JAPAN** and **CHINA (PRC)**. "Partial" Nuclear Co-operation Agreement. Announced March 2, 1984. **Termination:** unknown. **Source:** NTI:PRC. **Note:** This permits the export of pressure vessel components from Japan to China.
0542. **JAPAN** and **CHINA (PRC)**. Co-operation in the Peaceful Uses of Nuclear Energy. Signed July 31, 1985; in force July 10, 1986. **Termination:** indefinite duration. **Source:** NLB 36:41. NEA Vol. II, p. 171. JAIL 30:225. UNTS 24577. NTI: PRC. **Note:** See also the agreement of May 3, 1994, sequence number 1373.
1929. **JAPAN** and **CHINA (PRC)**. Nuclear Co-operation Agreement. Signed September 1989. **Termination:** unknown. **Source:** NTI: PRC. **Note:** This covers power reactor design, nuclear medicine, environmental protection and radioactive waste management.
1373. **JAPAN** (Nuclear Safety Bureau of the Science and Technology Agency) and **CHINA (PRC)** (National Nuclear Safety Administration). Nuclear Safety Co-operation Agreement. Signed May 3, 1994. **Termination:** unknown. **Source:** NPR 2:1:130. FBIS-CHI-94-085, May 3, 1994. CR 31:2:293. **Note:** This is in conjunction with the agreement of July 31, 1985, sequence number 0542.
1674. **JAPAN** (Japan Atomic Energy Research Institute) and **CHINA (PRC)** (China National Nuclear Corporation). Peaceful Uses of Nuclear Energy. Renewed 1998-99. **Termination:** 1999. **Source:** JAERI Annual Report 1998-99.

1930. **JAPAN** (Japan Atomic Energy Agency) and **CHINA (PRC)** (Institute of Plasma Physics). Agreement on Co-operation in Fusion Energy Research and Development. Signed January 2007. **Termination:** unknown. **Source:** JAEA.
1138. **JAPAN** and **CHINA (ROC)**. Agreement on Information Exchange in Reactor Safety. Reported April 1989. **Termination:** three years duration. **Source:** EOS 1:32; 1:51. **Note:** This is reported as an "unofficial" agreement.
1972. **JAPAN** (Japan Nuclear Energy Safety Organization) and **CHINA (ROC)** (Nuclear Science and Technology Association). Bilateral Co-operation in Nuclear Energy Control and Safety. Signed May 26, 2004. **Termination:** unknown. **Source:** WNC 20040526.
0958. **JAPAN** and **EUROPEAN UNION** (Euratom). Co-operation in the Field of Controlled Thermonuclear Fusion. Signed February 20, 1989; in force February 20, 1989. **Termination:** indefinite duration. **Source:** NLB 44:67. EUR-LEX 21989A0228 (01). OJEU L 057 February 28, 1989.
1686. **JAPAN** and **EUROPEAN UNION** (Euratom). Exchange of Documents on MOX Processing in Belgium. Signed February 1997. **Termination:** unknown. **Source:** NPR Vol. 6, No. 2 Winter 1999, p. 154. ESA 1997:40. **Note:** This concerns guarantees of peaceful use.
1687. **JAPAN** (Japan Atomic Energy Research Institute) and **EUROPEAN UNION** (Euratom). Co-operation in the Field of Nuclear Material Safeguards Research and Development. Renewed 2000-1. **Termination:** unknown. **Source:** JAERI Annual Report 2000-1.
1784. **JAPAN** and **EUROPEAN UNION** (Euratom). Agreement for Co-operation in the Peaceful Uses of Nuclear Energy. Signed February 24, 2006; in force December 20, 2006. **Termination:** indefinite duration. **Source:** OJEU L32 June 2, 2007. JMOFA. EUR-LEX 22007A0206 (01). **Note:** By Article 12, this agreement is regarded as complementary to the Japan-United Kingdom agreement of February 26, 1998 (sequence number 1594), and the France-Japan agreement of February 26, 1970 (sequence number 0129) and shall take precedence over these. The JMOFA announcement of the agreement gives a signature date of February 27, 2006.
2005. **JAPAN** and **EUROPEAN UNION** (Euratom). Agreement for Joint Implementation of the Broader Approach Activities in the Field of Fusion Energy Research. Signed February 5, 2007. **Termination:** ten years duration. **Source:** JAEA. JMOFA February 5, 2007.
0650. **JAPAN** (Japan Atomic Energy Research Institute) and **FRANCE** (Commissariat à l'Energie Atomique). Co-operation in the Peaceful Uses of Atomic Energy [heavy water reactors and radiation chemistry]. Signed May 10, 1965. Amended 1967. **Termination:** unknown. **Source:** GAK 764-7260. CEA 1965. NBF 967:18. **Note:** The agreement was originally to expire in May,

1968, but was renewed in 1967.

0382. **JAPAN** and **FRANCE**. Co-operation in the Field of the Peaceful Use of Nuclear Energy. Signed July 23, 1965; in force July 23, 1965. **Termination:** no specific provision. **Source:** RTF 1958-74, 2e Série, 2e Vol. 488.
0972. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **FRANCE** (Commissariat à l'Energie Atomique). Fast Reactor Co-operation. Signed December 9, 1968. **Termination:** unknown. **Source:** CEA 1968. FoF 1968:533.
1175. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **FRANCE** (Commissariat à l'Energie Atomique). Agreement Concerning Technical Information about the Fast Reactor "Rapsodie." Signed February 1970. **Termination:** unknown. **Source:** NBF 1073:7, 1086:3.
0651. **JAPAN** (Atomic Energy Commission) and **FRANCE**. Creation of a Mixed Commission to Study the Joint Construction of a Gaseous Diffusion Enrichment Plant. Signed December 21, 1971. **Termination:** unknown. **Source:** PEF 1971.
0129. **JAPAN** and **FRANCE**. Co-operation in the Peaceful Uses of Nuclear Energy. Signed February 26, 1972; in force September 22, 1972. Amended April 9, 1990; in force July 19, 1990. **Termination:** September 21, 2017. **Source:** UNTS 14706. RTAF 1973/24; 1990/91. NLB 46:86. Base Pacte. **Note:** See the note for the Euratom-Japan agreement of February 24, 2006, sequence number 1784.
0653. **JAPAN** and **FRANCE**. Exchange of Letters Regarding the Use of Nuclear Energy for Peaceful Purposes. Signed June 20, 1975; in force June 20, 1975. **Termination:** no specific provisions. **Source:** RTF 1973-75, 2e Série, 4e Vol. 541. Base Pacte. **Note:** This concerns assurances regarding a contract between the Commissariat à l'Energie Atomique and Ishikawajima Harima Heavy Industries.
0652. **JAPAN** and **FRANCE**. Nuclear Safety. Signed April 26, 1976. **Termination:** unknown. **Source:** AFDI.
0973. **JAPAN** (Atomic Energy Bureau) and **FRANCE** (Commissariat à l'Energie Atomique). Co-operation in the Field of Light Water Reactor Research. Signed March 15, 1979. **Termination:** unknown. **Source:** NLB 27:25. NEA Vol. II, p. 171.
0655. **JAPAN** (Japan Atomic Energy Research Institute) and **FRANCE** (Commissariat à l'Energie Atomique). Research on Light Water Reactor Safety. Signed February 23, 1981. **Termination:** four years duration. **Source:** CEA 1981. NLB 27:25.

1039. **JAPAN** and **FRANCE** (Ministère de l'Industrie). Understanding on the Exchange of Technical Information and Co-operation in the Field of Nuclear Safety Regulations. Signed 1984; in force 1984. **Termination:** 1994. **Source:** IAEA p. 197.
0974. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **FRANCE** (Institut de Protection et de Sûreté Nucléaire, Commissariat à l'Energie Atomique). Participation in SCARABEE Project [safety in liquid metal fast breeder reactors]. Signed June 12, 1985. **Termination:** unknown. **Source:** CEA 1985.
1176. **JAPAN** and **FRANCE**. Exchange of Notes Concerning a Contract between the Société Générale pour les Techniques Nouvelles and the Japan Nuclear Fuel Society for the Transfer of Reprocessing Technology. Signed April 3, 1987. **Termination:** unknown. **Source:** CEA 1987. **Note:** CEA 1987 also gives April 30, 1987 as the signature date.
1177. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **FRANCE** (Commissariat à l'Energie Atomique). Agreement Regarding the CABRI-2 Program on Fast Reactor Safety. Signed July 1988. **Termination:** unknown. **Source:** CEA 1988.
1396. **JAPAN** (Japan Atomic Energy Research Institute) and **FRANCE** (Commissariat à l'Energie Atomique). Agreement on Decommissioning. Signed 1988. Amended 1990. **Termination:** 1992? **Source:** CEA 1990.
1178. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **FRANCE** (Commissariat à l'Energie Atomique). Agreement for Co-operation on Advanced Reactor Technologies. Signed June 14, 1991. **Termination:** unknown. **Source:** NLB 48:65. **Note:** FBIS-WEU June 17, 1991 reports a five-year agreement on this date covering nuclear waste, nuclear waste storage and fast breeder reactors.
1397. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **FRANCE** (Commissariat à l'Energie Atomique). Fuel Cycle Agreement. Signed June 14, 1991. **Termination:** unknown. **Source:** CEA 1991. **Note:** This could be the same as the agreement of June 14, 1991, sequence number 1178. Superseded by the agreement of December 13, 2005, sequence number 1799, between the CEA and the Japan Atomic Energy Agency, following the merger of the Power Reactor and Nuclear Fuel Development Corporation and the Japan Atomic Energy Research Institute.
1398. **JAPAN** (Japan Atomic Energy Research Institute) and **FRANCE** (Commissariat à l'Energie Atomique). General Co-operation Agreement in the Field of Nuclear Research and Development. Signed September 23, 1992. Renewal of Co-operation, signed 1997. Third amendment signed April 24, 2002. **Termination:** unknown. **Source:** CEA Annual Report 1992, 1997. CEA Actualités

2002. NLB 54:66. JAERI Press Release, September 20, 2002. JAERI Annual Report 02-03. **Note:** This includes the fuel cycle, nuclear safety, reactor research and spent fuel reprocessing. NPR 2:2:72 suggests this is a 5-year agreement. Superseded by the agreement of December 13, 2005, sequence number 1799, between the CEA and the Japan Atomic Energy Agency, following the merger of the Power Reactor and Nuclear Fuel Development Corporation and the Japan Atomic Energy Research Institute. See also the agreement of August 4, 1994 (sequence number 1400) and the agreement of September 23, 2002 (sequence number 1704).

1399. **JAPAN** (Nuclear Power Engineering Test Center) and **FRANCE** (Nuclear Protection and Safety Institute). Agreement. Signed 1993? **Termination:** unknown. **Source:** CEA 1993. **Note:** NPR 2:2:72 reports an agreement signed June 15, 1994, on light water reactor research and development. Superseded by the agreement of December 13, 2005, sequence number 1799, between the CEA and the Japan Atomic Energy Agency, following the merger of the Power Reactor and Nuclear Fuel Development Corporation and the Japan Atomic Energy Research Institute.
1400. **JAPAN** (Japan Atomic Energy Research Institute) and **FRANCE** (Commissariat à l'Energie Atomique). Co-operation in the Field of Radioactive Waste. Signed August 4, 1994. **Termination:** unknown. **Source:** NLB 54:66. **Note:** NPR 2:2:72 reports the date as July 29, 1994, and states it is based on the agreement of September 23, 1992, sequence number 1398.
1699. **JAPAN** (Japan Nuclear Cycle Development Institute) and **FRANCE** (National Radioactive Waste Management Agency). Co-operation Agreement on the Management and Disposal of Radioactive Waste. Signed May 10, 1999. **Termination:** unknown. **Source:** NLB 64:70. **Note:** This extends co-operation between the CEA and JNC beyond that already existing, to include geological disposal of high-level waste.
1700. **JAPAN** (Japan Atomic Energy Research Institute) and **FRANCE** (Commissariat à l'Energie Atomique). Co-operation in the Field of Radioactive Waste and Spent Fuel Management. Signed 1999-2000. **Termination:** unknown. **Source:** JAERI Annual Report 1999-2000.
1701. **JAPAN** (Japan Atomic Energy Research Institute) and **FRANCE** (Commissariat à l'Energie Atomique). Co-operation in the Field of Waste Transmutation Technology. Signed 1999-2000. **Termination:** unknown. **Source:** JAERI Annual Report 1999-2000.
1702. **JAPAN** (Japan Atomic Energy Research Institute) and **FRANCE** (Commissariat à l'Energie Atomique). Exchange of Information and Collaboration in the Field of Research and Development of Liquid-Metal Cooled Fast Reactors. Signed 1999-2000 or 2000-2001. **Termination:** unknown. **Source:** JAERI Annual Report 1999-2000, 2000-1.

2024. **JAPAN** (Japan Atomic Energy Research Institute) and **FRANCE** (Commissariat à l'Energie Atomique) and. Co-operation Agreement for the Realization and Testing of a Liquid Metal Spallation Target “MEGAPIE EXPERIMENT.” Signed fiscal year 2001. **Termination:** unknown. **Source:** JAERI 2001-2.
1704. **JAPAN** (Japan Atomic Energy Research Institute) and **FRANCE** (Commissariat à l'Energie Atomique). Implementing Arrangement for Co-operation in the Field of Reactors Research. Signed September 23, 2002. **Termination:** unknown. **Source:** JAERI Press Release, September 20, 2002. **Note:** This concerns research and development for high-temperature gas-cooled reactors. It appears to arise under the agreement of September 23, 1992, sequence number 1398.
2025. **JAPAN** (Japan Atomic Energy Research Institute) and **FRANCE** (Commissariat à l'Energie Atomique). Implementing Agreement for Co-operation in the Field of the Fuel Cycle. Signed fiscal year 2002. **Termination:** unknown. **Source:** JAERI 2002-3.
2026. **JAPAN** (Japan Atomic Energy Research Institute) and **FRANCE** (IRSN – Institute for Radiation Protection and Nuclear Safety). Co-operation Agreement in the Field of Nuclear Safety and Radiation Protection. Signed fiscal year 2003. **Termination:** unknown. **Source:** JAERI 2003-4.
1799. **JAPAN** (Japan Atomic Energy Agency) and **FRANCE** (Commissariat à l'Energie Atomique). Framework Agreement for Co-operation in the Field of Nuclear Research and Development. Signed December 13, 2005; in force December 13, 2005. **Termination:** unknown. **Source:** JAEA. CEA Annual Report 2005. **Note:** This merges co-operation previously occurring between the CEA and JAERI, and the CEA and JNC when these two agencies are merged into the JAEA. It replaces the agreements of September 23, 1992 (sequence number 1398) and the agreement of 1993 (?) (sequence number 1399).
2027. **JAPAN** (Japan Atomic Energy Agency) and **FRANCE** (IRSN – Institute for Radiation Protection and Nuclear Safety). Co-operation Agreement in the Field of Nuclear Safety and Radiation Protection. Signed March 2006. **Termination:** unknown. **Source:** JAEA.
0736. **JAPAN** and **GERMANY, FEDERAL REPUBLIC OF**. Exchange of Letters Concerning Closer Relations in the Field of Peaceful Uses of Nuclear Energy. Signed March 10, 1959. **Termination:** unknown. **Source:** GAK 706-7080.
1203. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungszentrum Karlsruhe?). Agreement for Exchange of Information on Fast Breeder Reactors. Signed May 1971. **Termination:** five years duration. **Source:** K 1972:25292.

0266. **JAPAN** and **GERMANY, FEDERAL REPUBLIC OF**. Co-operation in the Field of Science and Technology. Signed October 8, 1974; in force October 8, 1974. **Termination:** indefinite duration. **Source:** UNTS 14371. FRGB 1974:1326. **Note:** Nuclear ship development and reactor safety research are two areas of co-operation.
0994. **JAPAN** (Atomic Energy Bureau) and **GERMANY, FEDERAL REPUBLIC OF** (Federal Minister for Research and Technology). Research and Development in the Field of Light Water Reactor Safety. Signed July 3, 1976. **Termination:** unknown. **Source:** NEA Vol. II, p. 171.
0995. **JAPAN** (Japan Atomic Energy Research Institute) and **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungsanlage Jülich). Co-operation in Research and Development in the Field of High-Temperature Gas-Cooled Reactors. Signed February 2, 1979. **Termination:** unknown. **Source:** NEA Vol. II, p. 172.
0996. **JAPAN** (Japan Atomic Energy Research Institute) and **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungszentrum Karlsruhe). Nuclear Safety Research Reactor/Projekt Nuklear Sicherheit Project. Signed January 16, 1980. **Termination:** unknown. **Source:** NEA Vol. II, p. 171.
1230. **JAPAN** and **INDONESIA**. Agreement for Expanded Technological Co-operation in Nuclear Research. Signed 1988. **Termination:** unknown. **Source:** PPNNP 2:3.
1725. **JAPAN** (Japan Atomic Energy Research Institute) and **INDONESIA** (National Atomic Energy Agency). Co-operation Agreement. Signed 1998-99. **Termination:** unknown. **Source:** JAERI Annual Report 1998-99.
0793. **JAPAN** and **ITALY**. Peaceful Uses of Atomic Energy. Signed October 26, 1973. **Termination:** unknown. **Source:** Rohn 578112.
1485. **JAPAN** (Science and Technology Agency) and **KAZAKHSTAN**. Agreement on Establishment of a Materials Control and Accounting System. Signed September 6, 1994. **Termination:** unknown. **Source:** NPR 2:3.
2088. **JAPAN** and **KAZAKHSTAN**. Memorandum of Intention on Promotion of Co-operation in Peaceful Uses of Atomic Energy. Signed August 28, 2006. **Termination:** unknown. **Source:** KMFA. CNNC. WNC 20071226. **Note:** WNC 20071226 reports the agreement and notes a number of 2007 private agreements regarding uranium. See also WNC 20070430.
2089. **JAPAN** (Agency for Natural Resources and Energy) and **KAZAKHSTAN** (Ministry of Energy and Natural Resources). Memorandum of Understanding on Co-operation in Training in Building Light Water Reactors. Reported April 30, 2007. **Termination:** unknown. **Source:** WNC 20070430.

2090. **JAPAN** (Japan Atomic Energy Agency) and **KAZAKHSTAN** (Kazakh National Nuclear Center). Memorandum of Understanding on Future Co-operation in Research and Developing Nuclear Energy Technology. Reported April 30, 2007. **Termination:** unknown. **Source:** WNC 20070430.
2091. **JAPAN** and **KAZAKHSTAN**. Joint Statement on Bilateral Nuclear Energy Co-operation and Uranium Supply. Reported May 1, 2007. **Termination:** unknown. **Source:** NN 20070501. **Note:** At this meeting, reportedly numerous private agreements were reached regarding long-term uranium supply to Japan, and nuclear technology transfer for peaceful purposes to Kazakhstan.
2092. **JAPAN** and **KOREA (ROK)**. Joint Technical Research and Co-operation Agreement. Signed September 1985. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** This includes emergency core cooling systems, radioactive waste disposal, operator training, Pressurized Water Reactor incident interpretation, research reactor technology and testing of irradiated fuel.
1729. **JAPAN** (Chemical Analysis Center) and **KOREA (ROK)** (Korea Institute of Nuclear Safety). Memorandum of Understanding for Technical Co-operation and Environmental Radiation Measurements. Signed March 3, 1989. **Termination:** unknown. **Source:** KINS.
1240. **JAPAN** (Agency of Natural Resources and Energy) and **KOREA (ROK)**. Agreement for Joint Projects in Nuclear Safety. Signed October 1989; in force March 8, 1991. **Termination:** March 7, 1996. **Source:** EOS 1:43; 5:34.
1241. **JAPAN** and **KOREA (ROK)**. Arrangement for Co-operation in the Peaceful Uses of Nuclear Energy. Signed May 25, 1990. **Termination:** unknown. **Source:** NLB 46:87. NTI: S. Korea. **Note:** WNC 20000321 indicates that this agreement leads to a series of bilateral nuclear policy consultations.
1416. **JAPAN** and **KOREA (ROK)**. Agreement on Co-operation in Nuclear Power Plant Safety. Signed 1990. **Termination:** unknown. **Source:** NLB 50:78. **Note:** See also the agreement of December 20, 1991, sequence number 1417.
2093. **JAPAN** and **KOREA (ROK)**. Nuclear Safety Co-operation Agreement. Signed March 8, 1991. **Termination:** unknown. **Source:** NTI: S. Korea.
1730. **JAPAN** (Nuclear Power Engineering Corporation) and **KOREA (ROK)** (Korea Institute of Nuclear Safety). Memorandum of Understanding for Technical Co-operation in the Field of Inspection Technology and Welding Inspection. Signed November 12, 1991. **Termination:** unknown. **Source:** KINS.
1731. **JAPAN** (Nuclear Power Engineering Corporation) and **KOREA (ROK)** (Korea Institute of Nuclear Safety). Memorandum of Understanding for Technical Co-operation in the Field of Nuclear Safety Analysis. Signed November 12, 1991. **Termination:** unknown. **Source:** KINS.

1417. **JAPAN** (Science and Technology Agency) and **KOREA (ROK)** (Ministry of Science and Technology). Exchange of Information on Nuclear Power Plant Safety. Signed December 20, 1991. **Termination:** unknown. **Source:** NLB 50:78. **Note:** This is in furtherance of the 1990 agreement, sequence number 1416. EOS 7:23 reports an agreement signed January 14, 1992.
1418. **JAPAN** (Atomic Energy Relations Organization) and **KOREA (ROK)** (Organization for Korea Atomic Energy Awareness). Memorandum on Exchange of Information on Public Acceptance of Nuclear Energy. Signed June 2, 1992. **Termination:** 5 years duration. **Source:** NLB 50:79. **Note:** This could be a private agreement.
1486. **JAPAN** (Nuclear Material Control Center) and **KOREA (ROK)** (Technology Center for Nuclear Control). Agreement. Reported December 1995. **Termination:** unknown. **Source:** NPR 3:3:118. **Note:** This concerns the sharing of information on the control of nuclear material, safeguards and research and development.
1732. **JAPAN** (Japan Atomic Energy Research Institute) and **KOREA (ROK)** (Korea Atomic Energy Research Institute). Co-operative Research Program in the Field of the Peaceful Uses of Nuclear Energy. Signed 1998-99. Implementation Agreement signed 2001-2. Implementing Agreement amended fiscal year 2004. **Termination:** unknown. **Source:** JAERI Annual Reports 1998-99, 2001-2, 2004-5.
2094. **JAPAN** and **KOREA (ROK)**. Safety Agreement. Signed August 1, 2000. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** This includes increasing nuclear co-operation, and annual meetings on safety, emergency management technology, and the exchange of nuclear safety specialists.
2095. **JAPAN** (Ministry of Education, Culture, Sports, Science and Technology) and **KOREA (ROK)** (Ministry of Science and Technology). Agreement on Co-operation in Atomic Energy. Announced August 28, 2006. **Termination:** unknown. **Source:** WNC 20060828. **Note:** This includes sharing of safety information and emergency co-operation.
2096. **JAPAN** and **LITHUANIA**. Agreement of Co-operation for Safety Improvement. Signed 1996. **Termination:** unknown. **Source:** IAEA-CNNP Lithuania 2004. **Note:** This is about the Ignalina reactor.
1242. **JAPAN** (Japan Atomic Energy Research Institute) and **MEXICO** (National Institute of Nuclear Research). Agreement on Co-operation in the Peaceful Uses of Nuclear Science and Technology. Signed August 10, 1990; in force August 10, 1990. **Termination:** August 9, 1995. **Source:** NLB 47:73.
1243. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **NI-GER** (ONAREM -- Nigerian Mineral Research Office). Uranium Prospecting and Exploitation Agreement. September 9, 1981. **Termination:** unknown.

Source: JPRS-Wldwde September 21 and 24, 1981.

1487. **JAPAN and NORWAY.** Agreement. Reported 1993. **Termination:** unknown. **Source:** PPNNP 24:6. **Note:** This concerns the monitoring of the dumping of radioactive waste at sea.
1244. **JAPAN and RUSSIA (USSR).** Nuclear Research Agreement. Reported November 21, 1977. **Termination:** five years duration. **Source:** FoF 1977:988. **Note:** This includes exchanges of personnel and information, and joint projects on reactors and fusion.
1245. **JAPAN and RUSSIA (USSR).** Agreement on Information Exchange and Research and Development in Nuclear Energy. Signed August 1990. **Termination:** unknown. **Source:** EOS 4:40.
1246. **JAPAN and RUSSIA (USSR).** Agreement on Co-operation in the Field of the Peaceful Uses of Nuclear Power. Signed April 1991. **Termination:** unknown. **Source:** FBIS-SOV April 22, 1991.
1247. **JAPAN and RUSSIA (USSR).** Memorandum of Co-operation to Reduce the Impact of the Chernobyl Atomic Power Station Accident on the Health of Residents of the Area. Signed April 1991. **Termination:** unknown. **Source:** FBIS-SOV April 22, 1991.
1510. **JAPAN and RUSSIA.** Agreement on Co-operation on Safety in the Nuclear Power Industry. Signed 1993. **Termination:** unknown. **Source:** NPR 2:1:163.
1733. **JAPAN and RUSSIA.** Agreement. Reported July 1999. **Termination:** unknown. **Source:** PPNNP 47:2. **Note:** This is apparently a 5-year agreement between research institutes, regarding production of uranium and plutonium MOX fuel and its experimental burning in the Russian BN-600 fast reactor.
1734. **JAPAN (Ministry of Foreign Affairs) and RUSSIA (Minister for Atomic Energy).** Memorandum of Understanding on Co-operation in the Fields of Denuclearisation, Disarmament and Non-proliferation in the Russian Federation. Signed September 4, 2000. **Termination:** unknown. **Source:** NLB 66:65. **Note:** This reportedly continues co-operation begun in October 1993 (see sequence number 1510 above?). It covers the dismantling and disposal of decommissioned Russian nuclear submarines and the management and disposal of MOX fuel from Russian surplus weapons-grade plutonium.
1512. **JAPAN (Science and Technology Agency) and SLOVAK REPUBLIC.** Agreement. Reported December 1994. **Termination:** 5 years' duration. **Source:** NPR 2:3:117-8. **Note:** This concerns assistance in decommissioning the A-1 Bohunice reactor. The project is expected to last 5 years.
0810. **JAPAN and SWEDEN.** Peaceful Uses of Nuclear Energy. Signed March 27, 1973. **Termination:** unknown. **Source:** Rohn 520605.

1513. **JAPAN** (Japan Atomic Energy Research Institute) and **THAILAND** (Office of Atomic Energy for Peace). Nuclear Reactor Safety Research Agreement. Signed 1991. Renewed December 1994? **Termination:** unknown. **Source:** NPR 2:3:118.
1514. **JAPAN** (Committee on Co-operation in Elimination of Nuclear Weapons) and **UKRAINE** (Ministry of Environmental Protection). Agreement to Control the Export and Import of Nuclear Material. Signed March 24, 1995. **Termination:** unknown. **Source:** NPR 3:1:150. **Note:** This concerns assistance in safeguarding transfers of nuclear material, and improvement of Ukraine's accounting and control system.
0054. **JAPAN** and **UNITED KINGDOM**. Co-operation in the Peaceful Uses of Atomic Energy. Signed June 16, 1958; in force December 5, 1958. Exchange of Notes regarding Exchange of Information and Collaboration between the United Kingdom Atomic Energy Authority and the Japanese Atomic Energy Research Institute on Liquid Metal Cooled Fast Reactors, December 14, 1965; in force December 14, 1965. **Termination:** October 14, 1968. **Source:** UNTS 4700. UKTS 1958/6, 1966/57. **Note:** See also the agreement of December 23, 1965, sequence number 0220. Superseded by agreement of March 6, 1968, sequence number 0083.
0220. **JAPAN** (Japan Atomic Energy Research Institute) and **UNITED KINGDOM** (Atomic Energy Authority). Co-operation in Research and Development in the Field of Fast Reactors. Signed December 23, 1965. **Termination:** 1970. **Source:** UKTS 1966/57. AEA 1965-66, 1970-71. GAK 918-7550. **Note:** This is brought under the terms of the agreement of June 16, 1958, sequence number 0054, by the Notes of December 14, 1965. It is superseded by the agreement of June 15, 1970, sequence number 0813.
1248. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **UNITED KINGDOM** (Atomic Energy Authority). Agreement for information on Enriched Uranium Steam-Generating Heavy Water Reactors. Signed February 1968. **Termination:** unknown. **Source:** IAEA GC(XII)/INF/101/Rev. 1, p. 33.
0083. **JAPAN** and **UNITED KINGDOM**. Co-operation in the Peaceful Uses of Atomic Energy. Signed March 6, 1968; in force October 15, 1968. **Termination:** October 11, 1998. **Source:** UNTS 9494. UKTS 1969/3. **Note:** This supersedes the agreement of December 14, 1965, sequence number 0054. It is superseded by the agreement of February 25, 1998, sequence number 1594.
0813. **JAPAN** (Japan Atomic Energy Research Institute and Power Reactor and Nuclear Fuel Development Corporation) and **UNITED KINGDOM** (Atomic Energy Authority). Collaboration on Liquid Metal Cooled Fast Reactors. Signed June 15, 1970. Renewed 1999-2000? Renewed 2000-1? **Termination:** unknown (five years duration). **Source:** AEA 1970-71, 1987-88. NEA

Vol. II, p. 172. K 1972:25292. JAERI Annual Report 1999-2000, 2000-1 (web). **Note:** This supersedes the agreement of December 23, 1965, sequence number 0220. AEA 1987-88 indicates continuing co-operation. JAERI reports indicate renewals of an agreement on the exchange of information in the research and development of liquid-metal fast reactors.

1249. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **UNITED KINGDOM** (Atomic Energy Authority). Joint Program Relating to Physics Data Relevant to Commercial Fast Reactors. Begun 1971. **Termination:** March 1973. **Source:** AEA 1972/73.
0814. **JAPAN** and **UNITED KINGDOM**. Atomic Energy Safeguards. Signed December 2, 1977. **Termination:** unknown. **Source:** Rohn 578434.
1250. **JAPAN** and **UNITED KINGDOM** (Atomic Energy Authority). Exchange of information on Decommissioning. Noted 1987/88. **Termination:** unknown. **Source:** AEA 1987/88.
1251. **JAPAN** (Atomic Energy Commission) and **UNITED KINGDOM** (Atomic Energy Authority). Agreement on Co-operation Concerning Gas-Cooled Reactors and Pressurized Water Reactors. Signed June 1990. **Termination:** unknown. **Source:** EOS 3:16.
1515. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **UNITED KINGDOM** (AEA Technology). Co-operation Agreement. Reported 1992. **Termination:** unknown. **Source:** PPNNP 20:7. **Note:** AEA Technology is a spin-off of the UK Atomic Energy Authority. This agreement concerns research and development in advanced reactor technology and radioactive waste treatment.
1594. **JAPAN** and **UNITED KINGDOM**. Agreement for Co-operation in the Peaceful Uses of Nuclear Energy. Signed February 25, 1998; in force October 12, 1998. **Termination:** indefinite duration. **Source:** UNTS 35983. NLB 63:87-88. UKTS 1999/36. **Note:** This supersedes the agreement of March 6, 1968, sequence number 0083. See the note for the Euratom-Japan agreement of February 24, 2006, sequence number 1784.
0024. **JAPAN** and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed November 14, 1955; in force December 27, 1955. **Termination:** December 4, 1958. **Source:** UNTS 3413. TIAS 3465. **Note:** Superseded by agreement of June 16, 1958, sequence number 0053.
0053. **JAPAN** and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed June 16, 1958; in force December 5, 1958. Amended October 9, 1958; in force February 17, 1959. Amended August 7, 1963; in force April 21, 1964. **Termination:** July 9, 1968. **Source:** UNTS 4699. TIAS 4133, 4172, 5553. **Note:** This supersedes the agreement of November 14, 1955, sequence number 0024. Superseded by agreement of February 26, 1968,

sequence number 0086.

0815. **JAPAN** and **UNITED STATES** (Atomic Energy Commission). Exchange of Letters concerning Co-operation in Ceramic Fuels, etc. Signed March 19 and July 24, 1962. **Termination:** unknown. **Source:** NRC text. AEC 1964.
0816. **JAPAN** (Japan Atomic Energy Research Institute) and **UNITED STATES** (Brookhaven National Laboratory). Technical Exchange Program. Signed 1966. **Termination:** unknown. **Source:** AEC 1966.
0817. **JAPAN** and **UNITED STATES** (Atomic Energy Commission). Exchange of Unclassified Information in the Field of Nuclear Safety. Arrangement finalized by January 16, 1967; in force by January 16, 1967. **Termination:** unknown. **Source:** NRC text. AEC 1967.
0818. **JAPAN** (Atomic Energy Commission) and **UNITED STATES** (Atomic Energy Commission). Exchange of Information in Radiation Chemistry. Signed 1968. **Termination:** unknown. **Source:** AEC 1968.
0086. **JAPAN** and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed February 26, 1968; in force July 10, 1968. Amended February 24, 1972; in force April 26, 1972. Amended March 28, 1973; in force December 21, 1973. **Termination:** July 16, 1988 (initially set for July 9, 2003, but superseded by agreement of November 4, 1987). **Source:** UNTS 9722, 19925. TIAS 6517, 7306 7758, 9821. ILM. **Note:** Superseded by agreement of November 4, 1987, sequence number 0831. See the various agreements regarding the reprocessing of special nuclear material (September 12, 1977, sequence number 2268).
0819. **JAPAN** (Atomic Energy Commission) and **UNITED STATES** (Atomic Energy Commission). Agreement in Principle on Exchange of Technical Information on Fast Breeder Reactors, Radiation Preservation of Food, and Use of Plutonium in Power Reactors. Signed around July 15, 1968. **Termination:** unknown. **Source:** AEC 1968.
0820. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **UNITED STATES** (Atomic Energy Commission). Arrangement on Fast Breeder Reactors. Signed March 4, 1969; in force March 4, 1969. Amended March 1976. **Termination:** January 30, 1979. **Source:** NRC text. EOS 5:36. Referenced in the agreement of January 31, 1979, sequence number 0215. **Note:** Superseded by agreement of January 31, 1979, sequence number 0215.
0821. **JAPAN** (Japan Atomic Energy Bureau) and **UNITED STATES** (Atomic Energy Commission). Exchange of Technical Information in the Field of Research and Development in Reactor Safety. Signed March 5 and April 10, 1973; in force April 10, 1973. Amended to include fast reactor safety research December 6, 1976 and February 21, 1977; in force February 21, 1977. Amended to include radioactive waste management research January 27 and

March 1, 1984; in force March 1, 1984. **Termination:** unknown. **Source:** Referenced in agreements signed March 25 and May 14, 1980 (sequence number 0499), August 15, 1983 (sequence number 0826) and October 11 and November 7, 1984 (sequence number 0699). NRC texts.

0244. **JAPAN** (Atomic Energy Bureau and Agency of Natural Resources and Energy), and **UNITED STATES** (Atomic Energy Commission). Technical Exchange Agreement in the Field of Regulatory Matters. Signed May 18 and 30, 1974; in force May 30, 1974. Renewed September 12 and 29, 1980 (between the U.S. Nuclear Regulatory Commission, and the Nuclear Safety Bureau of the Science and Technology Agency and the Agency of Natural Resources and Energy of the Ministry of International Trade and Industry). Amended September 25 and 26, 1985; in force September 26, 1985. **Termination:** unknown. **Source:** TIAS 8341, 10537. Referenced in agreement of December 28 and 31, 1985, sequence number 0828. K & S. UNTS 31007.
0246. **JAPAN** (Japan Atomic Energy Research Institute) and **UNITED STATES** (Nuclear Regulatory Commission). Research Participation and Technical Exchange in the United States Nuclear Regulatory Commission Loss of Fluid Test Research Program [safety]. Signed February 23, 1976; in force February 23, 1976. Amended (with memorandum, March 17 and 21, 1980), March 18 and 21, 1980; in force March 21, 1980 with retroactive effect from February 23, 1980. **Termination:** February 22, 1984. **Source:** UNTS 15691. TIAS 8246, 9747.
0245. **JAPAN** (Japan Atomic Energy Research Institute Nuclear Safety Research Reactor) and **UNITED STATES** (Nuclear Regulatory Commission). Research Participation and Technical Exchange in Power Burst Facility [safety]. Signed March 9, 1976; in force March 9, 1976. Amended March 18, 1980; in force March 25, 1980 with retroactive effect from March 9, 1980. **Termination:** March 8, 1984. **Source:** UNTS 16579. TIAS 8616, 9748.
2268. **JAPAN and UNITED STATES.** Joint Determination for Reprocessing of Special Nuclear Material of United States Origin. Signed September 12, 1977; in force September 12, 1977. Exchange of Notes constituting an Agreement relating to the Reprocessing of Special Nuclear Material, signed October 1, 1979; in force October 1, 1979. Exchange of Notes constituting an Agreement relating to the Reprocessing of Special Nuclear Material, signed July 23 and 25, 1980; in force July 25, 1980. Extension, signed February 24, 1981; in force February 24, 1981. Exchange of Notes, June 1, 1981; in force June 1, 1981. Joint Determination for Reprocessing of Special Nuclear Material, October 30, 1981; in force October 30, 1981. Joint Determination for Reprocessing of Special Nuclear Material, July 23, 1982; in force July 23, 1982. Extension of Joint Determination, December 20, 1985; in force December 20, 1985. Extension of Joint Determination, December 24, 1987; in force December 24, 1987. **Termination:** unknown. **Source:** UNTS 16582, 20413, 26949. TIAS 8734, 9676, 9821, 10105, 10294, 10424, 19925, 20413. **Note:** This is linked

to the agreement of February 26, 1968, sequence number 0086.

0215. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **UNITED STATES** (Department of Energy). Agreement relating to Atomic Energy: Liquid Metal-Cooled Fast Breeder Reactors. Signed January 31, 1979; in force January 31, 1979. Amended January 27, 1989; in force January 27, 1989. Amended January 17, 1991. **Termination:** 2000? **Source:** UNTS 20412. TIAS 9814. EOS 5:36. ILM. USTF 1994, 2001, 2002. **Note:** Supersedes the agreement of March 4, 1969, sequence number 0820. Sequence number 0215 is listed in USTF 2001 but not in USTF 2002, therefore it is tentatively treated as terminated in 2000. Superseded by the agreement of January 11, 1991, sequence number 1254.
0200. **JAPAN** and **UNITED STATES**. Energy Research and Development. Signed May 2, 1979; in force May 2, 1979. Exchange of Notes establishing a Coordinating Committee on Fusion Energy, August 24, 1979. Implementing Agreement January 24, 1983; in force January 24, 1983. Amended April 28 and October 31, 1989; in force October 31, 1989. Amended February 1, 1990; in force February 1, 1990. Protocol January 13, 1995; in force February 1, 1995. Amended January 28, 2000; in force January 28, 2000. Amended April 18, 2000; in force May 1, 2000. Amended April 28, 2005; in force May 1, 2005. **Termination:** unknown. **Source:** UNTS 18656, 28276. TIAS 9463, 10656, 12599. ILM. KAV 4162. USDS. USDS 2005. **Note:** Fusion is one area of co-operation in this agreement. The Implementing Agreement specifically mentions fusion co-operation.
0499. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **UNITED STATES** (Nuclear Regulatory Commission). Administrative Agreement Relating to SIMMER Calculations of Fast Reactor Accidents. Signed March 25 and May 14, 1980; in force March 25, 1980. **Termination:** September 30, 1980. **Source:** NRC text.
0201. **JAPAN** (Nuclear Safety Bureau and Agency of Natural Resources and Energy) and **UNITED STATES** (Nuclear Regulatory Commission). Technical Exchange in Regulatory Matters [safety]. Signed September 12 and 29, 1980; in force September 29, 1980. Amended September 25 and 26, 1985; in force September 26, 1985. Amended December 18, 1986; in force December 18, 1986. **Termination:** unknown. **Source:** TIAS 10537, 11314. NRC text. ILM. UNTS 31007.
0822. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **UNITED STATES** (Department of Energy). Agreement in the Field of Liquid Metal Fast Breeder Reactors [safety]. Signed February 10, 1982. **Termination:** unknown. **Source:** NLB 30:39.
0515. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **UNITED STATES** (Nuclear Regulatory Commission). Debris-Bed Coolabil-

ity Modeling for Containment Analysis. Signed February 26 and March 24, 1982. **Termination:** November 13, 1984. **Source:** NRC text. **Note:** This follows from and terminates with a US (Nuclear Regulatory Commission)-Japan (Power Reactor and Nuclear Fuel Development Corporation)-Euratom agreement of October 8, October 31 and November 14, 1980.

0518. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **UNITED STATES** (Nuclear Regulatory Commission). Super System Code Development, Validation, and Application [safety]. Signed March 10 and 24, 1983. **Termination:** no specific provision. **Source:** NRC text.
1014. **JAPAN** and **UNITED STATES** (Department of Energy). Fast Breeder Fuel Criticality Data Development. In force August 1983. **Termination:** March 1988. **Source:** GAO/RECD-87-150, p. 34. **Note:** This concerns the verification of computer code calculations in reprocessing applications.
0581. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **UNITED STATES** (Department of Energy). Nuclear Criticality Aspects of Fuel Fabricating Facilities [safety]. Signed August 12, 1983. **Termination:** unknown. **Source:** NLB 33:36.
0826. **JAPAN** (Japan Atomic Energy Research Institute) and **UNITED STATES** (Nuclear Regulatory Commission). Participation in the Program of Severe Fuel Damage and Fission Product Source Term Research. Signed August 15, 1983; in force September 13, 1983. Amended September 27 and October 1, 1984; in force October 1, 1984. **Termination:** September 30, 1987. **Source:** NRC text.
0824. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **UNITED STATES** (Nuclear Regulatory Commission). Agreement in Regard to Liquid Metal Fast Breeder Reactor Transition-Phase Experiments in Annular Core Research Reactor and Model Development [safety]. Signed August 22 and September 20, 1983; in force September 20, 1983. **Termination:** November 19, 1984 or on receipt of final data and a final report; still listed as of USTF 2008. **Source:** NRC text. USTF 1994, 1997, 1998, 2008.
0210. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **UNITED STATES** (Department of Energy). Co-operation in the Clinch River Breeder Reactor Project and the Monju Prototype Fast Breeder Reactor Project. Signed September 30, 1983; in force September 30, 1983. Amended September 25, 1985; in force September 26, 1985. **Termination:** 2000? **Source:** TIAS 10796. ILM. USTF 1994, 1997, 2001, 2002. UNTS 28243. **Note:** This is listed in USTF 2001 but not in USTF 2002, therefore it is tentatively treated as terminated in 2000.
0477. **JAPAN** (Japan Atomic Energy Research Institute) and **UNITED STATES** (Nuclear Regulatory Commission). United States Nuclear Regulatory Com-

mission Participation in the Japan Atomic Energy Research Institute ROSA-IV Program in Safety Research of Light Water Reactors on Small Break Loss-of-Coolant Accidents and Transients. Signed November 28, 1983 and February 1, 1984; in force February 1, 1984. **Termination:** January 31, 1988. **Source:** NRC text.

0825. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **UNITED STATES** (Department of Energy). Collaboration on Liquid Metal Fast Breeder Reactor Safety Design Criteria. Signed January 13, 1984. **Termination:** unknown. **Source:** NLB 33:36.

0725. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **UNITED STATES** (Nuclear Regulatory Commission). Super System Code Model Development for Low Flow Conditions [safety]. Signed March 6 and 21, 1984; in force March 21, 1984. Amended November 9 and December 11, 1984; in force December 11, 1984. **Termination:** September 30, 1985. **Source:** NRC text.

1252. **JAPAN** and **UNITED STATES**. Agreement Concerning Severe Nuclear Accident Research. Signed September 27 and October 1, 1984; in force October 1, 1984. **Termination:** unknown. Still listed in USTF 2008. **Source:** USTF 1994, 1997, 2008.

0699. **JAPAN** (Japan Atomic Energy Research Institute) and **UNITED STATES** (Nuclear Regulatory Commission). Co-operation in Radioactive Waste Management Safety Research. Signed October 11 and November 7, 1984; in force November 7, 1984. **Termination:** November 6, 1989. **Source:** NRC text.

0723. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **UNITED STATES** (Nuclear Regulatory Commission). Improved SIMMER-II Cross-Section Capability [safety]. Signed November 9 and 20, 1984; in force November 20, 1984. **Termination:** September 30, 1985. **Source:** NRC text.

0759. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **UNITED STATES** (Nuclear Regulatory Commission). Accommodation of the CONTAIN 1.0 Computer Code for the Liquid Metal Fast Breeder Reactor Containment Analysis [safety]. Signed December 7 and 27, 1984; in force December 27, 1984. **Termination:** December 26, 1987. **Source:** NRC text.

0827. **JAPAN** and **UNITED STATES** (Department of Energy). Remote Systems Technology. In force February 1985. **Termination:** February 1988. **Source:** GAO/RECD-87-150, p. 34.

0752. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **UNITED STATES** (Nuclear Regulatory Commission). Sandia Transient Axial Relocation Experiments in the Annular Core Research Reactor [safety]. Signed March 6 and 15, 1985; in force March 15, 1985. **Termination:** De-

cember 31, 1985. **Source:** NRC text.

0753. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **UNITED STATES** (Nuclear Regulatory Commission). Improvement of the Pool Reactor Version of the Super System Code [safety]. Signed March 6 and 15, 1985; in force March 15, 1985. **Termination:** December 20, 1985. **Source:** NRC text.

1735. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **UNITED STATES** (Department of Energy). Memorandum of Agreement for the Collaborative Testing of a Radioactive Liquid-Fed Ceramic Melter. Signed March 29, 1985. **Termination:** unknown. **Source:** US DOE.

0728. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **UNITED STATES** (Nuclear Regulatory Commission). Improvement and Application of the Reactor Safety Computer Codes: SIMMER-II, CONTAIN, and Super System Code [safety]. Signed September 24 and October 1, 1985; in force October 1, 1985. **Termination:** September 30, 1986. **Source:** NRC text.

0828. **JAPAN** (Science and Technology Agency and Agency of Natural Resources and Energy of Japan) and **UNITED STATES** (Nuclear Regulatory Commission). Technical Exchange Arrangement in the Field of Nuclear Regulatory Matters and Nuclear Safety Research. Signed December 28 and 31, 1985; in force December 31, 1985. **Termination:** 2000? **Source:** NRC text. USTF 1994, 1997, 2001, 2002. **Note:** This is listed in USTF 2001 but not in USTF 2002, therefore it is tentatively treated as terminated in 2000.

0678. **JAPAN** (Agency of Natural Resources and Energy) and **UNITED STATES** (Nuclear Regulatory Commission). High-Level Vibration Test of Nuclear Power Piping [safety]. Signed August 12, 1986; in force August 12, 1986. **Termination:** September 30, 1989. **Source:** NRC text.

0698. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation). and **UNITED STATES** (Nuclear Regulatory Commission). Development of the Prototype Advanced Fluid Dynamics Model and Improvement of the CONTAIN Computer Code [safety]. Signed November 21, 1986; in force November 21, 1986 with retroactive effect from October 1, 1986. Amended November 21, 1996. **Termination:** September 30, 1987. **Source:** NRC text.

0829. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **UNITED STATES** (Department of Energy). Agreement in the Area of Radioactive Waste Management. Signed December 3, 1986; in force December 3, 1986. Amended November 21, 1996. **Termination:** 2000? **Source:** ILM. USTF 1994, 1997, 2001, 2002. US DOE. **Note:** This is listed in USTF 2001 but not in USTF 2002, therefore it is tentatively treated as terminated in 2000.

0830. **JAPAN** (Japan Atomic Energy Research Institute) and **UNITED STATES**

(Department of Energy). Agreement on Decommissioning of Nuclear Facilities. Signed June 11 and July 2, 1987; in force July 2, 1987. **Termination:** 2000? **Source:** ILM. USTF 1994, 1997, 2001, 2002. **Note:** This is listed in USTF 2001 but not in USTF 2002, therefore it is tentatively treated as terminated in 2000.

0831. **JAPAN and UNITED STATES.** Agreement for Co-operation Concerning Peaceful Uses of Nuclear Energy (with annexes, agreed minutes, implementing agreement and exchanges of notes). Signed November 4, 1987; in force July 17, 1988. Approval of Shipment of Plutonium from Europe, October 18, 1988. Exchange of Notes, August 1996. **Termination:** indefinite duration. **Source:** ILM. NLB 40:46-48. AJIL 83:84. USTF94. UNTS 27500. NPR 4:2:127. **Note:** The note of August 1996 adds 5 European MOX plants to Annex 1 of the Japan-US nuclear co-operation agreement.
1736. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **UNITED STATES** (Department of Energy). Safeguards Agreement. Signed March 31, 1988. Extended March 31, 1993. **Termination:** unknown. **Source:** JNC.
1737. **JAPAN** (Japanese Fast Breeder Reactor Research and Development Steering Committee) and **UNITED STATES** (US Liquid Metal Reactor Research and Development Committee). Memorandum of Understanding for Co-operation in Liquid Metal Reactor/Fast Breeder Reactor Research and Development. Signed September 22, 1988. **Termination:** April 10, 1995. **Source:** Referenced in the Japan-US agreement of April 11, 1995, sequence number 1595. **Note:** Superseded by the Japan-US agreement of April 11, 1995, sequence number 1595.
1253. **JAPAN and UNITED STATES.** Agreement to Test the TRANS-EAVER Monitoring System. Signed May 1990. **Termination:** unknown. **Source:** EOS 3:17. **Note:** This concerns a satellite system for monitoring shipments of nuclear material.
1738. **JAPAN** (Japan Atomic Energy Research Institute) and **UNITED STATES** (Department of Energy). Agreement concerning Research and Development in Nuclear Material Control, Accountancy, Verification and Physical Protection. Signed July 2, 1990. **Termination:** unknown. **Source:** Referenced in the Japan-US agreement of June 9, 1997, sequence number 1597.
1254. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **UNITED STATES** (Department of Energy). Agreement in the Field of Liquid Metal-Cooled Fast Breeder Reactors. Signed January 11, 1991, in force January 11, 1991 with retroactive effect from July 31, 1990. **Termination:** July 31, 2000. **Source:** TIAS 12210. USDS July 8, 1991. USTF 1994, 1997, 2001, 2002. Supersedes the agreement of January 31, 1979, sequence number 0215.

1739. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **UNITED STATES** (Department of Energy). Agreement for Co-operation in Research and Development concerning Nuclear Material Control and Accounting Measures for Safeguards and Nonproliferation. Signed September 15, 1993. **Termination:** unknown. **Source:** Referenced in the Japan-US agreement of January 27, 2000, sequence number 1598.
1595. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation, Japan Atomic Power Company, Japan Atomic Energy Research Institute and Central Research Institute of the Electric Power Industry) and **UNITED STATES** (Department of Energy, Electric Power Research Institute and Advanced Reactor Corporation). Memorandum of Understanding for Co-operation in Nuclear Reactor Technologies Research and Development. Signed April 11, 1995. **Termination:** April 3, 2007. **Source:** US DOE (web). **Note:** This supersedes the agreement of September 22, 1988, sequence number 1737. Superseded by the agreement of April 4, 2007, sequence number 1814.
1596. **JAPAN** (Japan Atomic Energy Research Institute) and **UNITED STATES** (Department of Energy). Agreement in the Field of Nuclear Research and Development. Signed July 17, 1995; in force July 17, 1995. **Termination:** April 3, 2007. **Source:** US DOE. **Note:** See also the agreement of June 9, 1997, sequence number 1597. Superseded by the agreement of April 4, 2007, sequence number 1814.
1597. **JAPAN** (Japan Atomic Energy Research Institute) and **UNITED STATES** (Department of Energy). Specific Memorandum of Agreement concerning Research and Development in Nuclear Material Control, Accountancy, Verification and Physical Protection. Signed June 9, 1997; in force June 9, 1997. **Termination:** June 8, 2007. **Source:** US DOE. **Note:** This comes under the agreement of July 17, 1995, sequence number 1596.
2097. **JAPAN** and **UNITED STATES**. Implementing Arrangement for Co-operation in the Field of Nuclear Regulatory Matters and Nuclear Safety Research and Development. Signed October 23, 1997. Extended March 3 and 7, 2003; in force March 7, 2003 with effect from October 23, 2002. **Termination:** unknown. Still listed in USTF 2008. **Source:** USTF 2005, 2008.
2098. **JAPAN** (Japan Atomic Energy Research Institute) and **UNITED STATES** (Department of Energy). Memorandum of Understanding for a Collaboration Program of Target Development for High Power Spallation Neutron Sources. Signed fiscal 1998. Renewed fiscal 2001. **Termination:** unknown. **Source:** JAERI 1998-1999, 2001-2.
1740. **JAPAN** (Japan Atomic Energy Research Institute) and **UNITED STATES** (Department of Energy). Collaborative Program on Technology for Fusion Fuel Processing. Signed 1998-99. **Termination:** unknown. **Source:** JAERI Annual Report 1998-99.

1741. **JAPAN** (Japan Atomic Energy Research Institute) and **UNITED STATES** (Environmental Protection Agency). Radiation Protection Program. Signed 1998-99. **Termination:** unknown. **Source:** JAERI Annual Report 1998-99.
1598. **JAPAN** (Japan Nuclear Cycle Development Institute) and **UNITED STATES** (Department of Energy). Agreement for Co-operation in Research and Development concerning Nuclear Material Control and Accounting Measures for Safeguards and Non-Proliferation. Signed January 27, 2000; in force January 27, 2000. **Termination:** January 26, 2005. **Source:** US DOE.
- 1599 **JAPAN** (Japan Nuclear Cycle Development Institute) and . **UNITED STATES** (Department of Energy). Agreement in the Field of Nuclear Technologies. Signed August 22, 2000; in force August 22, 2000. **Termination:** August 21, 2005. **Source:** US DOE. NLB 67:63-64.
1742. **JAPAN** (Japan Atomic Energy Research Institute) and **UNITED STATES** (Department of Energy). Specific Memorandum of Agreement on Decontamination and Decommissioning of Nuclear Facilities. Signed 2001-2. **Termination:** unknown. **Source:** JAERI Annual Report 2001-2.
2099. **JAPAN** (Japan Atomic Energy Research Institute) and **UNITED STATES** (Department of Energy). Memorandum of Agreement for Collaboration on Neutron Mean Line Shield Experiment for Spallation Neutron Source. Signed fiscal 2001. **Termination:** unknown. **Source:** JAERI 2001-2002.
2100. **JAPAN** (Japan Atomic Energy Research Institute) and **UNITED STATES** (Department of Energy). Memorandum of Agreement on Co-operation in the Field of Synchrotron Radiation Research. Signed fiscal 2002. **Termination:** unknown. **Source:** JAERI 2001-2002, 2002-2003.
2101. **JAPAN** (Japan Atomic Energy Research Institute) and **UNITED STATES** (Department of Energy). Implementing Agreement in the Area of Probabilistic Risk Assessment. Signed fiscal 2002. **Termination:** unknown. **Source:** JAERI 2002-2003.
1600. **JAPAN** (Nuclear Waste Management Organization) and **UNITED STATES** (Department of Energy). Agreement in the Field of Radioactive Waste Management. Signed July 10, 2002; in force July 10, 2002. **Termination:** indefinite duration. **Source:** US DOE.
1601. **JAPAN** (Japan Nuclear Cycle Development Institute) and **UNITED STATES** (Department of Energy). Agreement in the Field of Radioactive Waste Management. Signed March 19, 2003; in force March 19, 2003. **Termination:** indefinite duration. **Source:** US DOE.
2102. **JAPAN** (Japan Atomic Energy Research Institute) and **UNITED STATES** (Nuclear Regulatory Commission). Implementing Agreement in the Field of Nuclear Reactor Safety Research. Signed August 12 and September 3, 2003;

- in force September 3, 2003. **Termination:** unknown. Still listed in USTF 2008. **Source:** USTF 2005, 2008. JAERI 2003-2004.
2103. **JAPAN** (Japan Atomic Energy Research Institute) and **UNITED STATES** (Department of Energy). Memorandum of Agreement on Co-operation in the Field of Reduced Moderation Water Reactor. Signed fiscal 2004. **Termination:** unknown. **Source:** JAERI 2004-2005.
2104. **JAPAN** (Japan Atomic Energy Research Institute) and **UNITED STATES** (Department of Energy). Memorandum of Co-operation concerning the Development of MW-Class Spallation Neutron Source. Signed fiscal 2004. **Termination:** unknown. **Source:** JAERI 2004-2005.
2105. **JAPAN** and **UNITED STATES**. Agreement in the Field of Research and Development of Innovative Nuclear Energy Technologies. Signed April 21, 2004; in force April 21, 2004. **Termination:** unknown. Still listed in USTF 2008. **Source:** USTF 2005, 2008. **Note:** See also the agreement of January 19, 2005, sequence number 1812.
1811. **JAPAN** (Agency for Natural Resources and Energy) and **UNITED STATES** (Department of Energy). Implementing Arrangement concerning Co-operation in the Joint Nuclear Energy Research Initiative (I-NERI), Signed May 26, 2004. Annex re I-NERI signed June 4 and 10, 2004; in force June 10, 2004. **Termination:** indefinite duration, but subject to the agreement of April 21, 2004, sequence number 2105. **Source:** US DOE. USDOE/NE-131. NERI Annual Report 2006. **Note:** An initial project collaboration agreement was signed November 24, 2004.
1812. **JAPAN** (Ministry of Education, Culture and Sports, Science and Technology) and **UNITED STATES** (Department of Energy). Implementing Arrangement concerning Co-operation in the Field of Research and Development of Innovative Nuclear Engineering Technologies. Signed January 19 and February 8, 2005; in force February 8, 2005. **Termination:** indefinite duration, but subject to the agreement of April 21, 2004, sequence number 2105. **Source:** US DOE. USDOE/NE-131. NERI Annual Report 2006.
1813. **JAPAN** (Japan Atomic Energy Agency) and **UNITED STATES** (National Nuclear Security Administration). Agreement for Co-operation in Research and Development Concerning Nuclear Material Control and Accounting Measures for Safeguards and Nonproliferation. Signed July 21, 2006. **Termination:** unknown. **Source:** JAEA. NTI newswire, July 24, 2006.
1814. **JAPAN** (Japan Atomic Energy Agency) and **UNITED STATES** (Department of Energy). Agreement for Co-operation in Research and Development in Nuclear Science and Energy. Signed April 4, 2007. **Termination:** April 3, 2017. **Source:** JAEA. **Note:** This appears to replace the agreements of April 11, 1995 (sequence number 1595) and July 17, 1995 (sequence number 1596).

2106. **JAPAN** and **UNITED STATES**. Joint Nuclear Energy Action Plan. Signed April 18, 2007. **Termination:** unknown. **Source:** NN 20070426. **Note:** This includes collaboration in nuclear energy research and development, construction of new nuclear power plants, nuclear fuel supply assurance mechanisms, and the expansion of nuclear energy in interested countries. The first meeting of the Steering Committee is reported on June 22, 2007. NN 20070625.
2107. **JAPAN** and **UZBEKISTAN**. Agreement on Uranium Exports. Signed August 2006? **Termination:** unknown. **Source:** CNNC.
1255. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **ZAMBIA** (Prescribed Minerals and Materials Commission). Uranium Prospecting Agreement. Signed May 1980. **Termination:** unknown. **Source:** JPRS-Wldwde September 24, 1981.

JORDAN

1993. **JORDAN** and **EGYPT**. Meeting of Egyptian-Jordanian High Committee. Reported June 6, 2001. **Termination:** unknown. **Source:** WNC 20010606. **Note:** This reportedly decides on Egyptian assistance to Jordan in the creation of a Jordanian atomic agency, and on training.
2028. **JORDAN** and **FRANCE**. Nuclear Co-operation Agreement. Signed 2006. **Termination:** unknown. **Source:** NN 20080416. **Note:** NTI Newswire April 15, 2008 reports a “preliminary” agreement in 2007.
2108. **JORDAN** (Nuclear Energy Commission) and **UNITED STATES** (Department of Energy). Memorandum of Understanding on Peaceful Uses of Nuclear Energy. Reported June 12, 2007. **Termination:** unknown. **Source:** NN 20070614.

KAZAKHSTAN

1931. **KAZAKHSTAN** and **CHINA (PRC)**. Strategic Partnership in the Uranium Industry. Signed November 6, 2004. **Termination:** unknown. **Source:** WNC 20040707. NN 20041115. **Note:** This may be between the China National Nuclear Corporation and Kazatomprom.
1932. **KAZAKHSTAN** (Kazatomprom) and **CHINA (PRC)** (China Guandong Nuclear Power Group). Agreement for Fuel Production. Signed May 2007. **Termination:** unknown. **Source:** Kassenova.
1933. **KAZAKHSTAN** and **CHINA (PRC)**. Agreement on Use of Uranium Resources. Signed November 2007. **Termination:** unknown. **Source:** WNC 20071108. WNC 20071122. Kassenova. **Note:** This could be between Kazatomprom and the China Guandong Nuclear Power Corporation
1785. **KAZAKHSTAN** and **EUROPEAN UNION** (Euratom). Co-operation Agree-

ment in the Field of Nuclear Safety. Signed. July 19, 1999; in force June 1, 2003. **Termination:** indefinite duration. **Source:** EUR-LEX 22004A0326 (01). OJEU 189 March 26, 2004. WNC 20030226. NN 20030423. ESA 1999:39.

1786. **KAZAKHSTAN and EUROPEAN UNION** (Euratom). Agreement for Co-operation in the Field of Controlled Nuclear Fusion. Signed November 29, 2002; in force April 13, 2004. **Termination:** indefinite duration. **Source:** EUR-LEX 22005A0607(01). OJEU L143, July 6, 2005.
2006. **KAZAKHSTAN and EUROPEAN UNION**. Nuclear Energy Agreement. Signed December 5, 2006. **Termination:** unknown. **Source:** Kazakh December 5, 2006. **Note:** This may be a uranium supply agreement.
1401. **KAZAKHSTAN and FRANCE**. Treaty of Friendship and Co-operation. Signed September 23, 1992; in force November 12, 1994. **Termination:** indefinite duration. **Source:** AFDI1995:798. UNTS 31970. **Note:** This includes a reference to civilian nuclear safety as one area of co-operation.
1482. **KAZAKHSTAN and INDONESIA**. Agreement. Reported August 8, 1995. **Termination:** unknown. **Source:** NPR 3:2:107. **Note:** This concerns the supply of Kazakh enriched uranium to Indonesia.
1485. **KAZAKHSTAN and JAPAN** (Science and Technology Agency). Agreement on Establishment of a Materials Control and Accounting System. Signed September 6, 1994. **Termination:** unknown. **Source:** NPR 2:3.
2088. **KAZAKHSTAN and JAPAN**. Memorandum of Intention on Promotion of Co-operation in Peaceful Uses of Atomic Energy. Signed August 28, 2006. **Termination:** unknown. **Source:** KMFA. CNNC. WNC 20071226. **Note:** WNC 20071226 reports the agreement and notes a number of 2007 private agreements regarding uranium. See also WNC 20070430.
2089. **KAZAKHSTAN** (Ministry of Energy and Natural Resources) and **JAPAN** (Agency for Natural Resources and Energy). Memorandum of Understanding on Co-operation in Training in Building Light Water Reactors. Reported April 30, 2007. **Termination:** unknown. **Source:** WNC 20070430.
2090. **KAZAKHSTAN** (Kazakh National Nuclear Center) and **JAPAN** (Japan Atomic Energy Agency). Memorandum of Understanding on Future Co-operation in Research and Developing Nuclear Energy Technology. Reported April 30, 2007. **Termination:** unknown. **Source:** WNC 20070430.
2091. **KAZAKHSTAN and JAPAN**. Joint Statement on Bilateral Nuclear Energy Co-operation and Uranium Supply. Reported May 1, 2007. **Termination:** unknown. **Source:** NN 20070501. **Note:** At this meeting, reportedly numerous private agreements were reached regarding long-term uranium supply to Japan, and nuclear technology transfer for peaceful purposes to Kazakhstan.

2109. **KAZAKHSTAN** and **KOREA (ROK)**. Co-operation in the Peaceful Uses of Nuclear Energy. Signed September 20, 2004. **Termination:** unknown. **Source:** WNC 20040920. NN 20040920. **Note:** This includes the supply of uranium to South Korea. NTI: S. Korea notes a co-operation agreement on November 13, 2003.
2110. **KAZAKHSTAN** and **KYRGYZSTAN**. Uranium Processing Joint Venture. Signed August 15, 1997. **Termination:** unknown. **Source:** NTI: Kazakhstan. **Note:** NTI: Kazakhstan February 23, 1998 says this has been “put on hold.”
1516. **KAZAKHSTAN** and **RUSSIA**. Agreement. Signed March 28, 1994. **Termination:** unknown. **Source:** NPR 2:1:164. **Note:** This concerns co-operation in the production and sale of uranium, beryllium and other materials.
1517. **KAZAKHSTAN** and **RUSSIA**. Agreement on the Non-Military Use of Nuclear Power. Reported January 31, 1995. **Termination:** unknown. **Source:** NPR 2:3:155.
1518. **KAZAKHSTAN** and **RUSSIA**. Financial and Industrial Co-operation Agreement. Signed September 9, 1995. **Termination:** unknown. **Source:** NPR 3:2:122. **Note:** This creates "Interros," an interstate financial-industrial group. Co-operation in the nuclear industry is reportedly a priority area.
2111. **KAZAKHSTAN** and **RUSSIA**. Agreement creating a Joint Atomic Power Station Company. Signed October 12, 2006. **Termination:** unknown. **Source:** Kazakh October 13, 2006. WNC 20071122. **Note:** This follows from a memorandum signed July 25, 2006. It creates the Russo-Kazakhstani Atomic Power Station Company, for the development and promotion of power reactors. WNC 20060725; WNC 20060726.
2112. **KAZAKHSTAN** and **RUSSIA**. Agreement on Creating a Joint Enrichment Center. Signed October 12, 2006. **Termination:** unknown. **Source:** Kazakh October 13, 2006. WNC 20060725. WNC 20070726. **Note:** This is the Angarsk enrichment center project. See also NTI: Kazakhstan; NN 20070523; WMDI 16. See also the agreement of May 10, 2007, sequence number 2115.
2113. **KAZAKHSTAN** and **RUSSIA**. Agreement creating a Joint Exploration Company. Signed October 12, 2006. **Termination:** unknown. **Source:** Kazakh Oct. 13, 2006. WNC 20060725. WNC 2006 0726. **Note:** This concerns the development of the Budenovskoye uranium deposit and exploration of the Yuzhnoye Zarechnoye uranium deposit in Kazakhstan. See also NTI: Kazakhstan; NN 20070523; WMDI 16.
2114. **KAZAKHSTAN** and **RUSSIA**. Comprehensive Program of Russia-Kazakhstan Co-operation in Peaceful Uses of Atomic Energy. Signed December 7, 2006. **Termination:** unknown. **Source:** WNC 20061207.
2115. **KAZAKHSTAN** (Ministry of Energy and Mineral Resources) and **RUSSIA**

(Federal Nuclear Agency). Agreement on the Uranium Enrichment Center. Signed May 10, 2007. **Termination:** unknown. **Source:** WNC 20070510. NN 20070523. NN 20071221. NTI: Russia. PIR press release May 10, 2007. INFCIRC /708, June 8, 2007. **Note:** This concerns the Angarsk project. It follows from the agreement of Oct 12, 2006, sequence number 2112.

2116. **KAZAKHSTAN** and **UNITED STATES**. Agreement on Scientific Research and Development and Technology Exchange Programs. Signed January 14, 1994 (?); in force February 14, 1994 (?). **Termination:** unknown. **Source:** NTI: Kazakhstan. USTF 1995. **Note:** Annex 2 in November 1997 adds a co-operative program in nuclear safety.
1366. **KAZAKHSTAN** (Atomic Energy Agency) and **UNITED STATES** (Nuclear Regulatory Commission). Technical Co-operation in the Nuclear Safety Area. Signed February 14, 1994; in force February 14, 1994. **Termination:** 2000? **Source:** NRC 1994. KAV 3803. USDS web. USTF 1998, 2001, 2002. **Note:** This is listed in USTF 2001 but not in USTF 2002, therefore it is tentatively treated as terminated in 2000. See the note for the agreement of December 20, 1999, sequence number 1744.
1519. **KAZAKHSTAN** (Ministry of Energy, Industry and Trade) and **UNITED STATES** (Department of Energy). Implementing Arrangements concerning Long-Term Disposition of BN-350 Nuclear Material. Signed November 18, 1997; in force November 18, 1997. Implementing Arrangement concerning Decommissioning of the BN-350 Reactor, signed December 19, 1999; in force December 19, 1999. **Termination:** when tasks under the program are completed. **Source:** ILM. NTI: Kazakhstan. NLB 65:64. US DOE. PGS docs. USTF 2000.
1743. **KAZAKHSTAN** and **UNITED STATES**. Agreement for Co-operation concerning the Peaceful Uses of Nuclear Energy, and Agreed Minute. Signed November 18, 1997; in force November 5, 1999. **Termination:** November 4, 2029. **Source:** NLB 66:65-66. TIAS 12900. NTI: Kazakhstan. Carnegie. USTF 2001.
1744. **KAZAKHSTAN** (Atomic Energy Committee of the Ministry of Energy, Industry and Trade) and **UNITED STATES** (Nuclear Regulatory Commission). Agreement for the Exchange of Technical Information and Co-operation in Nuclear Safety Matters. Signed December 20, 1999. **Termination:** unknown. **Source:** NLB 65:63-64. **Note:** This may be an extension of the agreement of February 14, 1994, sequence number 1366.
2117. **KAZAKHSTAN** and **UNITED STATES**. Arrangement for the Exchange of Technical Information and Co-operation in Nuclear Safety Matters. Signed September 22, 2004; in force September 22, 2004. **Termination:** unknown. **Source:** USDS 2004. USTF 2005.

KENYA

1520. **KENYA** (National Council for Science and Technology) and **SOUTH AFRICA** (Atomic Energy Corporation). Agreement. Signed September 16, 1992. **Termination:** unknown. **Source:** NPR 1:1:45. NTI: South Africa. **Note:** This concerns nuclear energy co-operation: training, research and supply.

KOREA (DPRK)

1934. **KOREA (DPRK)** and **CHINA (PRC)**. Nuclear Co-operation Agreement. Signed September 1959. **Termination:** unknown. **Source:** NTI: N. Korea. NTI: PRC.
1935. **KOREA (DPRK)** and **CHINA (PRC)**. Training Agreement. Signed April 1974. **Termination:** unknown. **Source:** NTI: PRC.
1149. **KOREA (DPRK)** and **CZECH REPUBLIC** (Czechoslovakia). Protocol on Co-operation in Research and Design of Nuclear Reactors and Peaceful Use of Nuclear Energy. Signed May 1989. **Termination:** unknown. **Source:** EOS 1:35.
1483. **KOREA (DPRK)** and **IRAN**. Nuclear Co-operation Agreement. Signed February 1994. **Termination:** unknown. **Source:** NPR 3:3:113. NTI: Iran. **Note:** This is reported by South Korean and Arab sources alleging North Korean assistance to Iran.
2118. **KOREA (DPRK)** and **POLAND**. Protocol on Scientific and Technical Co-operation. Signed August 13, 1973. **Termination:** 1974?. **Source:** Szal, pp. 8, 50-51. **Note:** This is reported to have included a provision for training 3 North Korean personnel in the field of nuclear technology. It was a protocol to the 2nd session of the Polish-Korean intergovernmental scientific and technical co-operation subcommittee, specifying areas of co-operation for 1973-1974.
1256. **KOREA (DPRK)** and **RUSSIA (USSR)**. Nuclear Research Agreement. Signed February 1956. **Termination:** unknown. **Source:** ENSP/NK. **Note:** ST p. 350 mentions a meeting of the North Korea-USSR commission on scientific and technical collaboration in February 1956. Bazh. (p. 127) reports two agreements signed in 1956, but one could be regarding North Korea's membership in the United Institute for Nuclear Research (the Dubna Institute), in which it was a founding member.
0832. **KOREA (DPRK)** and **RUSSIA (USSR)**. Technical Aid in Regard to the Peaceful Use of Atomic Energy. Signed September 7, 1959. **Termination:** unknown. **Source:** GS p. 64. Rohn 469602.
0833. **KOREA (DPRK)** and **RUSSIA (USSR)**. Agreement on Economic and Technical Co-operation in the Construction of a Nuclear Power Plant. Signed December 26, 1985. **Termination:** unknown. **Source:** AFDI. Kaur. p. 118-19.

Zheb. p. 33. NTI: N. Korea. **Note:** This provided for the supply of a VVER-440 type reactor to North Korea. It was modified by the agreement between North Korea and Russia of 1992, sequence number 1745. NTI: N. Korea reports an announcement that co-operation was suspended, July 10, 1991.

1745. **KOREA (DPRK)** and **RUSSIA**. Nuclear Co-operation Agreement. Signed 1992. **Termination:** unknown. **Source:** Kaur. P. 19. **Note:** This apparently modifies the December 26, 1985 agreement with the USSR (sequence number 0833), substituting MP-640 reactors for the VVER-440 reactors under that agreement. After a financial dispute, all work under the agreement may have been halted after April 19, 1993.
1302. **KOREA (DPRK)** and **UNITED STATES**. Agreed Framework. Signed October 21, 1994. **Termination:** reported October 20, 2002. **Source:** NLB 54:74-76, 56:100-101. ILM. PPNNP 28:27-28. CNN Oct. 20, 2002. **Note:** This is an agreement concerning the status of North Korean nuclear facilities and the supply of Light Water Reactors. GAO/RCED/NSIAD-97-8, pp. 2, 7-8 argues that the Agreed Framework should be viewed as a non-binding political agreement. NTI: WMD Chronology gives the date as October 23, 1994.

KOREA (ROK)

0447. **KOREA (ROK)** and **ARGENTINA**. Nuclear Co-operation. Signed 1980. **Termination:** unknown. **Source:** Poul. p. 24. CNEA 80:44.
1324. **KOREA (ROK)** and **ARGENTINA**. Co-operation in the Peaceful Uses of Nuclear Energy. Signed September 29, 1995. **Termination:** unknown. **Source:** NPR 3:2:99.
1464. **KOREA (ROK)** and **ARGENTINA**. Co-operation in the Peaceful Uses of Nuclear Energy. Signed September 9, 1996; in force September 19, 1997. **Termination:** indefinite duration. **Source:** NLB 62:79. UNTS 36696.
0283. **KOREA (ROK)** and **AUSTRALIA**. Co-operation in Peaceful Uses of Nuclear Energy and the Transfer of Nuclear Material. Signed May 2, 1979; in force May 2, 1979. Amended August 11, 1997; in force November 14, 1997. **Termination:** indefinite duration. **Source:** UNTS 19634. ATS 1979/5, 1997/26.
1543. **KOREA (ROK)** and **AUSTRALIA**. Scientific and Technological Co-operation. Signed September 17, 1999; in force April 5, 2000. **Termination:** indefinite duration. **Source:** ATS 2000/13. UNTS 36812. **Note:** Art. III.3.c lists nuclear science and technology as a possible area of co-operation.
0487. **KOREA (ROK)** and **BELGIUM**. Co-operation in the Field of Nuclear Energy. Signed March 3, 1981; in force March 3, 1981. **Termination:** unknown. **Source:** RBDI 18:796. NTI: S. Korea.
1882. **KOREA (ROK)** and **BRAZIL**. Agreement on Co-operation. Signed January

- 18, 2001. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** Nuclear power is one area of co-operation mentioned.
0139. **KOREA (ROK)** and **CANADA**. Co-operation in the Development and Application of Atomic Energy for Peaceful Purposes. Signed January 26, 1976; in force January 26, 1976. Amended June 23, 1989; in force June 23, 1989. Amended July 10, 2002; in force July 10, 2002. **Termination:** indefinite duration. **Source:** UNTS 17689. CTS 1976/11, 1989/39, 2002/14. WNC 20080115. **Note:** See the agreement of September 30, 1982, sequence number 1108.
1108. **KOREA (ROK)** (Atomic Energy Bureau of the Ministry of Science and Technology) and **CANADA** (Atomic Energy Control Board). Arrangement for the Exchange of Information [safety]. Signed September 30, 1982; in force September 30, 1982. **Termination:** indefinite duration. **Source:** AECB text. **Note:** This agreement implements some aspects of the agreement of January 26, 1976, sequence number 0139, and is effective for the same period.
1895. **KOREA (ROK)** (Korea Atomic Energy Research Institute) and **CANADA** (Atomic Energy of Canada Ltd.). Research Reactor contract. Signed February 1, 1988. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** This is for the 30 MW reactor at Taedöck.
1896. **KOREA (ROK)** (Korea Atomic Energy Research Institute) and **CANADA** (Atomic Energy of Canada Ltd.). Fuel Development Agreement. Signed January 1991. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** This concerns the development of CANFLEX (CANDU Flexible Fueling Natural Uranium) heavy water reactor fuel. One report has the agreement signed on February 19, 1991.
1109. **KOREA (ROK)** (Korea Institute of Nuclear Safety) and **CANADA** (Atomic Energy Control Board). Memorandum of Understanding for Technical Co-operation and Exchange of Information in Nuclear Regulatory Matters [safety]. Signed September 23, 1991; in force September 23, 1991. **Termination:** September 23, 1996. **Source:** AECB text. KINS. **Note:** Superseded by the agreement of September 1998 between the Atomic Energy Control Board and the Ministry of Science and Technology, sequence number 1667.
1897. **KOREA (ROK)** and **CANADA** (Atomic Energy of Canada Ltd.). Contract to Supply Heavy Water. Announced December 13, 1993. **Termination:** unknown. **Source:** NTI: S. Korea.
1667. **KOREA (ROK)** (Ministry of Science and Technology) and **CANADA** (Atomic Energy Control Board). Memorandum of Understanding. Signed September 1998. **Termination:** unknown. **Source:** KINS. **Note:** This supersedes the agreement of September 23, 1991, sequence number 1109.
1558. **KOREA (ROK)** and **CANADA**. Exchange of Notes relating to the Transfer of

Tritium Items for the Wolsong Tritium Removal Facility. Signed January 17 and 19, 2001; in force January 19, 2001. **Termination:** indefinite duration. **Source:** CTS 2001/5.

1670. **KOREA (ROK)** and **CHILE**. Agreement on Co-operation in Peaceful Uses of Nuclear Energy. Signed November 12, 2002. **Termination:** unknown. **Source:** CNEN. WNC 20021112.
1130. **KOREA (ROK)** (Korea Atomic Energy Research Institute) and **CHINA (PRC)** (Research Institute of Nuclear Power Operation). Contract to Provide Information. Reported February 1991. **Termination:** unknown. **Source:** EOS 5:55.
1473. **KOREA (ROK)** and **CHINA (PRC)**. Scientific and Technological Co-operation Agreement. Signed September 30, 1992; in force October 30, 1992. **Termination:** indefinite duration. **Source:** FBIS-CHI-94-199, October 14, 1994. NPR 3:2:134. UNTS 30365. **Note:** The third meeting of the Joint Committee sees the announcement of an agreement to form the ROK-PRC Nuclear Energy Joint Committee.
1374. **KOREA (ROK)** and **CHINA (PRC)**. Co-operation concerning Peaceful Uses of Nuclear Energy. Signed October 31, 1994; in force February 11, 1995. **Termination:** indefinite duration. **Source:** NLB 57:88. UNTS 31991. **Note:** See also the agreement of May 11, 1995, sequence number 1938.
1936. **KOREA (ROK)** and **CHINA (PRC)**. Agreement. Signed November 1994. **Termination:** unknown. **Source:** NTI: PRC. **Note:** This allows South Korean firms to participate in the construction of nuclear power plants in China.
1474. **KOREA (ROK)** and **CHINA (PRC)**. Protocol on Nuclear Safety Co-operation. Signed December 13, 1994. **Termination:** unknown. **Source:** NPR 2:3: 134. **Note:** This concerns monitoring radioactivity, nuclear accident co-operation, and information exchanges in nuclear safety and regulation. See also FBIS-CHI-94-212, November 2, 1994; CBIS-CHI-94-199, October 14, 1994; and FBIS-CHI-94-239, December 13, 1994.
1937. **KOREA (ROK)** and **CHINA (PRC)**. Agreement. Signed February 1995. **Termination:** unknown. **Source:** NTI: PRC. **Note:** This concerns co-operation in establishing manufacturing facilities in China for nuclear components and equipment, and fabrication of major components.
1938. **KOREA (ROK)** and **CHINA (PRC)**. Agreement to Establish the South-Korea-China Nuclear Energy Joint Committee. Signed May 11, 1995. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** This follows from the agreement of October 31, 1994, sequence number 1374.
1675. **KOREA (ROK)** (Korea Institute of Nuclear Safety) and **CHINA (PRC)** (China Institute for Radiation Protection). Arrangement for Co-operation in

- the Field of Nuclear Safety and Radiation Protection. Signed June 19, 1995. **Termination:** unknown. **Source:** KINS.
1939. **KOREA (ROK)** and **CHINA (PRC)**. Agreement to Provide a Pressure Vessel. Announced September 18, 1995. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** This is reportedly for a 300 MW reactor in Pakistan.
1940. **KOREA (ROK)** and **CHINA (PRC)**. Co-operation Agreement. Signed November 14, 1995. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** This concerns the construction of nuclear power plants, the development of passenger planes, and the exploitation of natural gas.
1676. **KOREA (ROK)** (Korea Institute of Nuclear Safety) and **CHINA (PRC)** (National Nuclear Safety Administration). Arrangement for Technical Co-operation in the Field of Nuclear Safety. Signed April 17, 1996. **Termination:** unknown. **Source:** KINS.
1941. **KOREA (ROK)** and **CHINA (PRC)**. Establishment of a Nuclear Consultative Council. Signed November 12, 1996. **Termination:** unknown. **Source:** NTI: S. Korea.
1942. **KOREA (ROK)** and **CHINA (PRC)**. Nuclear Co-operation Agreement. Signed 1999. **Termination:** unknown. **Source:** WNC 20000907.
1943. **KOREA (ROK)** and **CHINA (PRC)**. Establishment of a Joint Nuclear Hybrid Research Center at Chinghua University. Signed November 18, 2003. **Termination:** unknown. **Source:** NTI: S. Korea.
1150. **KOREA (ROK)** and **CZECH REPUBLIC** (Czechoslovakia). Nuclear Co-operation Agreement. Signed June 1990. **Termination:** unknown. **Source:** EOS 3:23.
1381. **KOREA (ROK)** and **CZECH REPUBLIC**. Statement of Intent on Co-operation in the Nuclear Field. Signed March 5, 1995. **Termination:** unknown. **Source:** NLB 55:53.
1681. **KOREA (ROK)** and **CZECH REPUBLIC**. Agreement for Co-operation in the Peaceful Uses of Nuclear Energy. Signed March 16, 2001; in force June 1, 2001. **Termination:** indefinite duration. **Source:** NLB 68:80. WNC 20010317.
1994. **KOREA (ROK)** and **EGYPT**. Nuclear Co-operation Agreement. Signed April 10, 1985. **Termination:** unknown. **Source:** IAEA-CNNP Egypt 2005.
1995. **KOREA (ROK)** and **EGYPT**. Protocol on Technical Co-operation and Technology Transfer in the Field of Nuclear Energy for Peaceful Purposes. Signed June 15, 1985. **Termination:** unknown. **Source:** NTI: Egypt. **Note:** NTI's profile of Egypt gives a date of June 17, 1985, and notes that a civilian nuclear

energy protocol is part of this.

1996. **KOREA (ROK)** and **EGYPT**. Joint Inter-Ministerial Declaration of Intention Co-operation in the Field of Peaceful Uses of Nuclear Energy. Signed February 3 or 4, 1999. **Termination:** unknown. **Source:** WNC 19990204. NTI: S. Korea. IAEA-CNNP Egypt 2005.
1997. **KOREA (ROK)** and **EGYPT**. Nuclear Co-operation Agreement. Signed August 14, 2001. **Termination:** unknown. **Source:** NTI: S. Korea. NTI-Issue Brief December 22, 2006.
0656. **KOREA (ROK)** and **FRANCE**. Peaceful Uses of Atomic Energy. Signed October 19, 1974; in force October 19, 1974. **Termination:** unknown. **Source:** Rohn 720037. **Note:** See the agreement of October 19, 1974, sequence number 0975.
0975. **KOREA (ROK)** (Atomic Energy Bureau, Ministry of Science and Technology) and **FRANCE** (Commissariat à l'Energie Atomique). Agreement on Co-operation in the Use of Nuclear Energy for Peaceful Purposes. Signed October 19, 1974; in force October 19, 1974. **Termination:** unknown. **Source:** CEA 1974. Base Pacte. **Note:** This could follow from or it could be the same as the agreement of October 19, 1974, sequence number 0656.
0389. **KOREA (ROK)** and **FRANCE**. Peaceful Uses of Nuclear Energy. Signed April 4, 1981; in force April 4, 1981. Creation of co-ordinating committee, February 18, 1982. **Termination:** indefinite duration. **Source:** RTAF 1982/32. CEA 1982. UNTS 21847. Base Pacte. WNC20080415. **Note:** There may be ongoing conversations under this agreement.
1040. **KOREA (ROK)** and **FRANCE** (Ministère de l'Industrie). Understanding on the Exchange of Technical Information and Co-operation in the Field of Nuclear Safety Regulations. Signed 1982; in force 1982. **Termination:** 1992. **Source:** IAEA p. 197.
0658. **KOREA (ROK)** (Korea Atomic Energy Research Institute) and **FRANCE** (Institut de Protection et de Sûreté Nucléaire, Commissariat à l'Energie Atomique). Exchange of Information Concerning Nuclear Safety. Signed February 18, 1982. **Termination:** unknown. **Source:** CEA. WNC 20080415. **Note:** There may be ongoing conversations under this agreement.
2029. **KOREA (ROK)** (Korea Atomic Energy Research Institute) and **FRANCE** (Commissariat à l'Energie Atomique, Framatome). Agreement to Co-operate in Research and Development of PWR Fuel Rods. Signed October 1, 1984. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** Framatome is a division of Framatome.
2030. **KOREA (ROK)** and **FRANCE**. Co-operation Agreement. Signed September 3, 1985. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** This is an

agreement to promote co-operation in various fields, including nuclear energy.

1705. **KOREA (ROK)** (Korea Institute of Nuclear Safety) and **FRANCE** (Commissariat à l'Energie Atomique). Agreement for Technical Co-operation in the Field of Nuclear Safety and Radiation Protection. Signed September 24, 1990. **Termination:** unknown. **Source:** KINS.
1179. **KOREA (ROK)** (Korea Atomic Energy Research Institute) and **FRANCE** (Commissariat à l'Energie Atomique). Agreement on Research on Reactor Safety. Signed March 1991. **Termination:** unknown. **Source:** EOS 5:58.
1706. **KOREA (ROK)** (Korea Atomic Energy Research Institute) and **FRANCE** (Commissariat à l'Energie Atomique). Agreement. Signed 1997. Renewed April 2002. **Termination:** unknown. **Source:** CEA Annual Report 1997. CEA Actualités 2002.
0737. **KOREA (ROK)** and **GERMANY, FEDERAL REPUBLIC OF**. Peaceful Uses of Nuclear Energy. Signed April 11, 1986; in force April 11, 1986. **Termination:** indefinite duration. **Source:** UNTS 25151. FRGB 1986:726.
2052. **KOREA (ROK)** and **GHANA**. Agreement on the Exchange of Nuclear Scientists. Announced April 24, 2005. **Termination:** unknown. **Source:** WNC 20050424.
2070. **KOREA (ROK)** and **INDONESIA**. Agreement on Co-operation in the Development of Mineral and Energy Resources. Signed late 1989. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** This includes nuclear power.
2071. **KOREA (ROK)** and **INDONESIA**. Memorandum of Understanding on Co-operation in Atomic Power. Signed December 4, 2006. **Termination:** unknown. **Source:** WNC 20061204. Korea.net 20070730. WMDI 18.
2092. **KOREA (ROK)** and **JAPAN**. Joint Technical Research and Co-operation Agreement. Signed September 1985. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** This includes emergency core cooling systems, radioactive waste disposal, operator training, Pressurized Water Reactor incident interpretation, research reactor technology and testing of irradiated fuel.
1729. **KOREA (ROK)** (Korea Institute of Nuclear Safety) and **JAPAN** (Chemical Analysis Center). Memorandum of Understanding for Technical Co-operation and Environmental Radiation Measurements. Signed March 3, 1989. **Termination:** unknown. **Source:** KINS.
1240. **KOREA (ROK)** and **JAPAN** (Agency of Natural Resources and Energy). Arrangement for Joint Projects in Nuclear Safety. Signed October 1989; in force March 8, 1991. **Termination:** March 7, 1996. **Source:** EOS 1:43; 5:34.
1241. **KOREA (ROK)** and **JAPAN**. Arrangement for Co-operation in the Peaceful

Uses of Nuclear Energy. Signed May 25, 1990. **Termination:** unknown. **Source:** NLB 46:87. NTI: S. Korea. **Note:** WNC 20000321 indicates that this agreement leads to a series of bilateral nuclear policy consultations.

1416. **KOREA (ROK)** and **JAPAN**. Agreement on Co-operation in Nuclear Power Plant Safety. Signed 1990. **Termination:** unknown. **Source:** NLB 50:78. **Note:** See also the agreement of December 20, 1991, sequence number 1417.
2093. **KOREA (ROK)** and **JAPAN**. Nuclear Safety Co-operation Agreement. Signed March 8, 1991. **Termination:** unknown. **Source:** NTI: South Korea.
1730. **KOREA (ROK)** (Korea Institute of Nuclear Safety) and **JAPAN** (Nuclear Power Engineering Corporation). Memorandum of Understanding for Technical Co-operation in the Field of Inspection Technology and Welding Inspection. Signed November 12, 1991. **Termination:** unknown. **Source:** KINS.
1731. **KOREA (ROK)** (Korea Institute of Nuclear Safety) and **JAPAN** (Nuclear Power Engineering Corporation). Memorandum of Understanding for Technical Co-operation in the Field of Nuclear Safety Analysis. Signed November 12, 1991. **Termination:** unknown. **Source:** KINS.
1417. **KOREA (ROK)** (Ministry of Science and Technology) and **JAPAN** (Science and Technology Agency). Exchange of Information on Nuclear Power Plant Safety. Signed December 20, 1991. **Termination:** unknown. **Source:** NLB 50:78. **Note:** This is in furtherance of the 1990 agreement, sequence number 1416. EOS 7:23 reports an agreement signed January 14, 1992.
1418. **KOREA (ROK)** (Organization for Korea Atomic Energy Awareness) and **JAPAN** (Atomic Energy Relations Organization). Memorandum on Exchange of Information on Public Acceptance of Nuclear Energy. Signed June 2, 1992. **Termination:** 5 years duration. **Source:** NLB 50:79. **Note:** This could be a private agreement.
1486. **KOREA (ROK)** (Technology Center for Nuclear Control) and **JAPAN** (Nuclear Material Control Center). Agreement. Reported December 1995. **Termination:** unknown. **Source:** NPR 3:3:118. **Note:** This concerns the sharing of information on the control of nuclear material, safeguards and research and development.
1732. **KOREA (ROK)** (Korea Atomic Energy Research Institute) and **JAPAN** (Japan Atomic Energy Research Institute). Co-operative Research Program in the Field of the Peaceful Uses of Nuclear Energy. Signed 1998-99. Implementation Agreement signed 2001-2. Implementing Agreement amended fiscal year 2004. **Termination:** unknown. **Source:** JAERI Annual Reports 1998-99, 2001-2, 2004-5.
2094. **KOREA (ROK)** and **JAPAN**. Safety Agreement. Signed August 1, 2000. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** This includes increas-

ing nuclear co-operation, and annual meetings on safety, emergency management technology, and the exchange of nuclear safety specialists.

2095. **KOREA (ROK)** (Ministry of Science and Technology) and **JAPAN** (Ministry of Education, Culture, Sports, Science and Technology). Agreement on Co-operation in Atomic Energy. Announced August 28, 2006. **Termination:** unknown. **Source:** WNC 20060828. **Note:** This includes sharing of safety information and emergency co-operation.
2109. **KOREA (ROK)** and **KAZAKHSTAN**. Co-operation in the Peaceful Uses of Nuclear Energy. Signed September 20, 2004. **Termination:** unknown. **Source:** WNC 20040920. NN 20040920. **Note:** This includes the supply of uranium to South Korea. NTI: S. Korea notes a co-operation agreement on November 13, 2003.
1521. **KOREA (ROK)** and **ROMANIA**. Agreement on Nuclear Co-operation. Signed mid-March 1993. **Termination:** unknown. **Source:** NPR 2:1:150.
1746. **KOREA (ROK)** (Korea Institute of Nuclear Safety) and **ROMANIA** (National Committee for Nuclear Activities). Memorandum of Understanding for Co-operation in Nuclear Safety. Signed September 21, 1996; in force November 11, 1996. **Termination:** unknown. **Source:** KINS. IAEA-CNPP Romania 2002.
2119. **KOREA (ROK)** (Ministry of Commerce, Industry and Energy) and **ROMANIA** (Ministry of Energy and Commerce). Memorandum of Understanding on Co-operation in Nuclear Energy Projects. Signed July 21, 2003. **Termination:** indefinite duration. **Source:** NTI: S. Korea. NLB 72: 72. **Note:** This concerns co-operation in the construction of additional phases of the Cernavoda Nuclear Power Plant.
2120. **KOREA (ROK)** and **ROMANIA**. Peaceful Uses of Nuclear Energy in Industry, Research and Development. Signed February 3, 2004. **Termination:** unknown. **Source:** WNC 20040213.
2121. **KOREA (ROK)** and **ROMANIA**. Agreement on Co-operation in Nuclear Power Generation. Announced September 6, 2006. **Termination:** unknown. **Source:** WNC 20060906. **Note:** This is part of the Joint Declaration on Strategic Partnership, signed on September 6, 2006. It is not clear if it is a formal agreement or a statement. However, there was a protocol signed on co-operation in science, technology and innovation.
2136. **KOREA (ROK)** and **RUSSIA** (USSR). Contract for Uranium Supply. Signed May 7, 1990. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** This concerns the supply of 390 tons of enriched uranium by 1999.
1258. **KOREA (ROK)** (Ministry of Science and Technology) and **RUSSIA** (USSR) (Ministry of Atomic Energy Engineering and Industry). Protocol on Co-

operation in the Peaceful Use of Atomic Energy. Signed December 14, 1990.

Termination: unknown. **Source:** FBIS-SOV December 17 and 19, 1990.

Note: This could be the same as or signed under a scientific and technical co-operation agreement reported for this date. This is carried over to Russia. On May 29, 1993, there is apparently a meeting of the Russia-South Korea Committee on Scientific and Technical Co-operation, with nuclear issues on the agenda.

1747. **KOREA (ROK)** (Korea Institute of Nuclear Safety) and **RUSSIA** (Kurchatov Institute). Special Arrangement. Signed September 29, 1992. **Termination:** unknown. **Source:** KINS.
2122. **KOREA (ROK)** and **RUSSIA**. Loan Repayment Agreement. Signed July 10, 1997. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** This allows repayment of a South Korean loan in kind, including in enriched uranium. There was a prior loan repayment agreement in 1995. NTI: S. Korea also reports an agreement on August 2, 1996.
1748. **KOREA (ROK)** and **RUSSIA**. Agreement. Signed May 28, 1999. **Termination:** unknown. **Source:** NPR 6:4:188. WNC 19990528. NN 20030625. **Note:** This reportedly updates an existing 1994 protocol on co-operation in the peaceful uses of nuclear energy. WNC 19990528 provides the signature date, and a duration of 10 years. WNC 20000907 notes bilateral consultations under this agreement. See also the agreement of June 21, 2003, sequence number 2125.
2123. **KOREA (ROK)** and **RUSSIA**. Agreement on Co-operation. Signed (?) May 31, 2001. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** This arises during talks on atomic energy co-operation. It concerns the development of advanced nuclear reactors and radioactive waste treatment.
2124. **KOREA (ROK)** (Korea Atomic Energy Research Institute) and **RUSSIA** (Research Institute of Atomic Reactors). Agreement. Signed June 21, 2003. **Termination:** unknown – 10 years duration, renewed automatically for 5-year periods. **Source:** NN 20031020. **Note:** This includes: fundamental and applied research and development in atomic energy; design, construction, operation, maintenance and life extension of power and research reactors; survey and exploration of uranium deposits; development of industrial-scale fabrication of nuclear fuel components and materials; safety; radiation safety and environmental protection; advanced nuclear fuel technology; radioactive waste management.
2125. **KOREA (ROK)** (Korea Atomic Energy Research Institute) and **RUSSIA** (Research Institute of Atomic Reactors). Technical Co-operation Agreement. Signed June 21, 2003. **Termination:** unknown – 5 years duration? **Source:** NN 20030625. **Note:** This includes: co-operation in advanced reactors and advanced fuel cycles; isotope separation and transmutation; radioisotope pro-

duction; decontamination and decommissioning; exchanges of information and personnel; joint research projects; use of facilities. It appears to follow from the agreement of May 28, 1999, sequence number 1748.

2126. **KOREA (ROK)** (Ministry of Science and Technology) and **RUSSIA** (Atomic Energy Ministry). Protocol of the 8th Meeting of the Russian-South Korean Co-ordinating Committee for Atomic Energy. Signed October 22, 2003. **Termination:** unknown. **Source:** WNC 20031016. NN 20031020. **Note:** The meeting was held October 20-23, 2003. The protocol includes: co-operation in space power installations, floating nuclear power plants, nuclear power plant control and monitoring systems, and exchanges. There was a 7th meeting in November 2002 and further discussions reported for November 19, 2005. And 11th meeting was held in December 2006. NN 20031023. NN 20051125.
2127. **KOREA (ROK)** and **RUSSIA**. Agreement on Co-operation in Commercial Uses of Low- and High-Powered Nuclear Reactors, Desalination, and Use of Nuclear Technology for space. Signed October 23, 2003. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** It also include joint research on 3rd generation reactors and discussion of Russian uranium supply to South Korea.
1605. **KOREA (ROK)** (Ministry of Science and Technology) and **SLOVENIA** (Nuclear Safety Administration). Arrangement for the Exchange of Information and Co-operation in Nuclear Safety. Signed January 7, 2000. **Termination:** indefinite duration? **Source:** SNSA. NLB 66:66. **Note:** NLB 66:66 gives the duration as 5 years. This comes under a May 30, 1994 scientific and technological co-operation agreement.
1257. **KOREA (ROK)** (Atomic Energy Commission) and **SPAIN** (Junta de Energía Nuclear). Complementary Agreement for the Development and Application of the Peaceful Uses of Atomic Energy. Signed December 10, 1976; in force 1976. **Termination:** unknown. **Source:** Potter pp. 312-3. NTI: S. Korea.
1749. **KOREA (ROK)** (Korea Institute of Nuclear Safety) and **SPAIN** (Nuclear Safety Council). Arrangement for Technical Co-operation in Nuclear Safety Matters. Signed April 13, 1996. **Termination:** unknown. **Source:** KINS.
2128. **KOREA (ROK)** (Ministry of Science and Technology) and **THAILAND** (Office of Atomic Energy for Peace). Memorandum of Co-operation in Nuclear Power. Announced March 24, 2004. **Termination:** unknown. **Source:** WNC 20040324.
2129. **KOREA (ROK)** (Korea Atomic Energy Research Institute) and **TURKEY** (Turkish Electrical Authority). Contract to Evaluate Bids. Signed December 30, 1994. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** This concerns the evaluation of bids for the first Turkish nuclear power plant. As well, KAERI will establish a consortium of Korean and Turkish engineers to provide technical support. It may be the same as the agreement of January 5,

1995, sequence number 2130.

2130. **KOREA (ROK)** (Korea Atomic Energy Research Institute) and **TURKEY** (Ministry of Energy and Natural Resources). Consultation Contract. Announced January 5, 1995. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** This concerns the construction of a reactor at Akkuyu in Turkey. Is it the same as 2129?
2131. **KOREA (ROK)** and **TURKEY**. Agreement on Peaceful Uses of Nuclear Energy. Signed October 26, 1998. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** This includes constructing nuclear power plants and research reactors, processing of nuclear materials, security and protection against radiation, and exchange of technology and personnel.
2132. **KOREA (ROK)** and **UKRAINE**. Agreement on Nuclear Energy Peaceful Utilization Co-operation. Signed July 23, 1998. **Termination:** unknown. **Source:** IAEA-CNNP Ukraine 2002.
2133. **KOREA (ROK)** (Ministry of Science and Technology) and **UKRAINE** (Atomic Energy Bureau). Agreement on Co-operation in Development of Nuclear Power Plants. Signed July 23, 2001. **Termination:** unknown. **Source:** NTI: South Korea. WNC 20010720. **Note:** This is at the 1st meeting of the Korean-Ukrainian Joint Committee on Scientific and Technological Co-operation.
2134. **KOREA (ROK)** and **UKRAINE**. Agreement on Peaceful Uses of Nuclear Energy. Signed May 30, 2007. **Termination:** unknown. **Source:** WNC 20070625.
2135. **KOREA (ROK)** (Ministry of Commerce, Industry and Energy) and **UKRAINE** (Ministry of Fuel and Energy). Memorandum of Understanding on Nuclear Power Co-operation and Uranium Mining. Signed June 25, 2007. **Termination:** unknown. **Source:** WNC 20070625. WNC 20070701. NN 20070702. Korea.net, July 1, 2007.
1259. **KOREA (ROK)** and **UNITED KINGDOM**. Agreement on Co-operation in the Peaceful Use of Nuclear Energy. Signed November 27, 1991; in force November 27, 1991. **Termination:** indefinite duration. **Source:** PPNP 16:4. UWTRC 129208. NTI: S. Korea.
1522. **KOREA (ROK)** and **UNITED KINGDOM** (Energy Secretariat). Nuclear Co-operation Agreement. Signed 1992? **Termination:** unknown. **Source:** EOS 6:55. **Note:** This concerns the management, storage and disposition of irradiated fuel and radioactive waste, and the transport of radioactive material.
0022. **KOREA (ROK)** and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed February 3, 1956; in force February 3, 1956. Amended March 14, 1958; in force May 22, 1958. Amended July 30, 1965; in

force January 28, 1966. **Termination:** March 18, 1973. **Source:** UNTS 3401. TIAS 3490, 4030, 5957. **Note:** Superseded by agreement of November 24, 1972, sequence number 0119.

2243. **KOREA (ROK)** and **UNITED STATES**. Exchange of Notes constituting an Agreement relating to a Grant for Nuclear Research and Training Equipment and Materials. Signed October 14 and November 18, 1960; in force November 18, 1960. **Termination:** no specific provision. **Source:** UNTS 5747. TIAS 4617.

2137. **KOREA (ROK)** and **UNITED STATES**. Agreement on Special Nuclear Materials. Signed June 30, 1963. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** This concerns borrowing SNM from the US.

0834. **KOREA (ROK)** (Institute for Atomic Energy) and **UNITED STATES** (Argonne National Laboratory). Sister Laboratory Arrangement. Signed 1964. **Termination:** unknown. **Source:** AEC 1964, 1965, 1969.

0119. **KOREA (ROK)** and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed November 24, 1972; in force March 19, 1973. Amended May 15, 1974; in force June 26, 1974. **Termination:** March 18, 2014. **Source:** UNTS 12986. TIAS 7583, 7842. **Note:** This supersedes the agreement of February 3, 1956, sequence number 0022. See also the agreement of June 14, 1996, sequence number 1604.

0209. **KOREA (ROK)** (Atomic Energy Bureau of the Ministry of Science and Technology) and **UNITED STATES** (Nuclear Regulatory Commission). Exchange of Technical Information in Regulatory and Safety Research Matters and Co-operation in Development of Safety Standards. Signed March 18, 1976; in force March 18, 1976. Amended November 10, 1981; in force November 10, 1981. Amended June 5, 1995; in force June 5, 1995. **Termination:** June 4, 2000. **Source:** USTF 1997. TIAS 8283, 10292, 12655. UNTS 15643, 26951.

0835. **KOREA (ROK)** (Korea Atomic Energy Research Institute) and **UNITED STATES** (Nuclear Regulatory Commission). Participation in the United States Nuclear Regulatory Commission Program of Severe Accident Research. Signed August 23, 1984; in force August 23, 1984. Amended December 4 and 18, 1987; in force December 28, 1987. **Termination:** 1999? **Source:** TIAS 11115. NRC text. USTF 1994, 1997, 2000, 2001. USDS. UNTS 36875. **Note:** This is listed in USTF 2000 but not in USTF 2001, therefore it is tentatively treated as terminated in 1999.

0703. **KOREA (ROK)** (Korea Atomic Energy Research Institute) and **UNITED STATES** (Nuclear Regulatory Commission). Thermal-Hydraulic Research [safety]. Signed May 1, 1986; in force May 1, 1986. **Termination:** April 30, 1991. **Source:** NRC text.

1370. **KOREA (ROK)** and **UNITED STATES**. Agreement concerning Research and Development in Nuclear Material Control, Accountancy, Verification, Physical Protection, Advanced Containment and Surveillance Technologies for International Safeguards Applications. Signed September 19, 1994; in force September 19, 1994. **Termination:** 2000? **Source:** KAV 4101. USTF 1997, 2001, 2002. **Note:** This is listed in USTF 2001 but not in USTF 2002, therefore it is tentatively treated as terminated in 2000.
1750. **KOREA (ROK)** (Korea Institute of Nuclear Safety) and **UNITED STATES** (Brookhaven National Laboratory). Memorandum of Understanding for Technical Co-operation in the Establishment of ALARA Center [safety]. Signed August 14, 1995. **Termination:** unknown. **Source:** KINS.
1603. **KOREA (ROK)** (Ministry of Science and Technology) and **UNITED STATES** (Department of Energy). Implementing Arrangement for Co-operation in the Area of Fusion Energy Research and Related Fields. Signed June 14, 1996; in force June 14, 1996. Extended November 29, 2001, effective from June 14, 2001. **Termination:** June 14, 2006. **Source:** US DOE. **Note:** This arises under a scientific and technical co-operation agreement of January 6, 1992.
1604. **KOREA (ROK)** (Ministry of Science and Technology) and **UNITED STATES** (Department of Energy). Memorandum of Understanding for a Co-operative Laboratory Relationship. Signed June 14, 1996; in force June 14, 1996. Annex III (Participating Institutions) amended June 23, 1999, in force June 23, 1999. Amended April 1, 2002. **Termination:** indefinite duration. **Source:** US DOE. NLB 68:82. **Note:** This arises under the agreement of November 24, 1972, sequence number 0119, and is oriented to nuclear topics. See also the agreement of June 29, 2000, sequence number 1751.
1426. **KOREA (ROK)** and **UNITED STATES** (Nuclear Regulatory Commission). Participation in the United States Nuclear Regulatory Commission Program of Severe Accident Research. Signed July 21 and August 13, 1997; in force August 13, 1997. **Termination:** 1999? **Source:** USDS Dispatch October 1997, No. 8. USTF 2000, 2001. **Note:** This is listed in USTF 2000 but not in USTF 2001, therefore it is tentatively treated as terminated in 1999.
2138. **KOREA (ROK)** (Korea Atomic Energy Research Institute) and **UNITED STATES** (Department of Energy – Idaho National Engineering and Environmental Laboratory). Agreement. Signed December 14, 1999. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** This concerns the testing of fuel for a High-Flux Advanced Neutron Application Reactor.
2139. **KOREA (ROK)** and **UNITED STATES**. Agreement relating to Participation in the US Nuclear Regulatory Commission Program of Severe Accident Research. Signed March 7, 27 and 29, 2000; in force March 29, 2000. **Termination:** 2001. **Source:** USTF 2001, 2003. **Note:** This is not listed in USTF 2003,

and therefore is treated as terminated in 2001.

1751. **KOREA (ROK)** (Korea Atomic Energy Research Institute) and **UNITED STATES** (Department of Energy). Annex IV Joint Project on Cintichem Technology. Signed June 29, 2000. **Termination:** June 29, 2005. **Source:** NLB 68:82. **Note:** This comes under the agreement of June 14, 1996, sequence number 1604.
2140. **KOREA (ROK)** and **UNITED STATES**. Arrangement for the Exchange of Technical Information and Co-operation in Regulatory and Safety Research Matters. Signed September 19, 2000; in force September 19, 2000. **Termination:** 2004. **Source:** USTF 2001, 2006. **Note:** This is not listed in USTF 2006 and therefore is treated as terminated in 2004.
1815. **KOREA (ROK)** (Ministry of Science and Technology) and **UNITED STATES** (Department of Energy). Agreement on the Nuclear Energy Research Initiative (I-NERI). Signed May 16, 2001. **Termination:** unknown. **Source:** NTI: S. Korea. WNC 20040213. US DOE. **Note:** There were further talks under this in October 2007. WNC 20071014. Various more specific collaboration agreements have been reached.
1752. **KOREA (ROK)** (Ministry of Science and Technology) and **UNITED STATES** (Department of Energy). Arrangement concerning Research and Development in Nuclear Material Control, Accountancy, Verification, Physical Protection, and Advanced Containment and Surveillance Technologies for International Safeguards. Signed September 17, 2002. **Termination:** September 16, 2007. **Source:** US DOE.
2141. **KOREA (ROK)** (Korea Atomic Energy Research Institute?) and **UNITED STATES**. Agreement on Research and Development of Advanced Proliferation Resistant Fuel Cycle Technologies. Signed September 15, 2003. **Termination:** unknown. **Source:** NTI: S. Korea.
2142. **KOREA (ROK)** (Ministry of Science and Technology) and **UNITED STATES** (Department of Energy). Nuclear Fuels Agreement. Announced February 13, 2004. **Termination:** unknown. **Source:** WNC 20040213. **Note:** This concerns the development of fuels that cannot be used to make nuclear weapons. It comes under the agreement of May 16, 2001, sequence number 1815, apparently amending Annex V.
2143. **KOREA (ROK)** and **UNITED STATES**. Agreement in the Area of Probabilities Risk Assessment Research. Signed August 6 and September 8, 2004; in force September 8, 2004. **Termination:** unknown. **Source:** USDS 2004. USTF 2005.
2144. **KOREA (ROK)** and **UNITED STATES**. Agreement relating to Participation in the US Nuclear Regulatory Commission Program of Severe Accident Research. Signed March 23 and May 10, 2005; in force May 10, 2005 with effect

from January 1, 2005. **Termination:** unknown. **Source:** USDS 2005. USTF 2006.

2145. **KOREA (ROK)** (Korea Atomic Energy Research Institute) and **UNITED STATES**. Idaho National Laboratory). Contract on Participation in the Next Generation Nuclear Plant Project. Signed December 15, 2006. **Termination:** unknown. **Source:** Korea.net December 30, 2006.
2146. **KOREA (ROK)** and **UNITED STATES**. Arrangement for the Exchange of Technical Information and Co-operation in Regulatory and Nuclear Safety Research Matters. Signed September 27, 2005; in force September 27, 2005. **Termination:** unknown. **Source:** USTF 2006.
2147. **KOREA (ROK)** (Ministry of Science and Technology) and **UNITED STATES** (Department of Energy). Agreement on Co-operation in Fourth Generation Reactors and Reprocessing. Signed August 12, 2007. **Termination:** unknown. **Source:** NN 20070814. ACT 37:7, p. 27.
2148. **KOREA (ROK)** and **UZBEKISTAN**. Agreement on Joint Development of the Djantur Uranium Mine in Uzbekistan. Signed 2006. **Termination:** unknown. **Source:** CNNC.
1524. **KOREA (ROK)** and **VIETNAM**. Co-operation in Research into the Peaceful Uses of Nuclear Energy. Signed November 20, 1996; in force January 6, 1997. **Termination:** indefinite duration. **Source:** NLB 62:84. UNTS 36759. WNC 19961121.
2149. **KOREA (ROK)** and **VIETNAM**. Co-operation Agreement on the Development of Nuclear Energy. Signed November 10, 2000. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** This concerns developing nuclear power, operating and research reactors in Vietnam, applying nuclear and radiation technologies, and establishing nuclear law.
2150. **KOREA (ROK)** and **VIETNAM**. Nuclear Co-operation Agreement. Signed October 22, 2001. **Termination:** unknown. **Source:** NTI: S. Korea. WNC 20011022. **Note:** This includes beginning a study on the establishing of a Korean-type power plant in Vietnam.
2151. **KOREA (ROK)** (Ministry of Science and Technology) and **VIETNAM** (Vietnam Atomic Energy Commission). Agreement to Promote Exchanges of Human Resources, Information and Business Projects on Atomic Energy. Announced February 16, 2002. **Termination:** unknown. **Source:** WMC 20020216. **Note:** NTI: S. Korea gives the date as February 16, 2002.
2152. **KOREA (ROK)** and **VIETNAM**. Memorandum of Understanding on the Peaceful Use of Atomic Energy. Signed July 11, 2002. **Termination:** unknown. **Source:** NTI: S. Korea.

2153. **KOREA (ROK)** (Ministry of Commerce, Industry and Energy) and **VIETNAM**. Memorandum of Understanding. Announced November 11, 2002. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** This concerns the construction of nuclear power plants in Vietnam.
2154. **KOREA (ROK)** and **VIETNAM**. Memorandum of Understanding on Assistance in Development of Atomic Energy Technology. Signed November 18, 2006. **Termination:** unknown. **Source:** WNC 20061118. Korea.net November 18, 2006.

KUWAIT

1032. **KUWAIT** (Ministry of Electricity and Water) and **UNITED KINGDOM** (Atomic Energy Authority). Co-operation Agreement. Signed June 3, 1975. **Termination:** unknown. **Source:** Referenced in the Kuwait-UK agreement of July 26, 1975, sequence number 0130. **Note:** This concerns consulting and training services
0130. **KUWAIT** and **UNITED KINGDOM**. Agreement Concerning Nuclear Co-operation. Signed July 26, 1975; in force July 26, 1975. **Termination:** no specific provision. **Source:** UNTS 14936. UKTS 1975/134. **Note:** This is an exchange of notes concerning assurances regarding materials and assistance provided under an agreement between the Ministry of Electricity and Water and the United Kingdom Atomic Energy Authority concerning consultancy and training services. See sequence number 1032.

KYRGYZSTAN

2110. **KYRGYZSTAN** and **KAZAKHSTAN**. Uranium Processing Joint Venture. Signed August 15, 1997. **Termination:** unknown. **Source:** NTI: Kazakhstan. **Note:** NTI: Kazakhstan February 23, 1998 says this has been “put on hold.”

LATVIA

2004. **LATVIA** (Radiation Safety Centre) and **ESTONIA** (Radiation Protection Centre). Agreement on Co-operation in Radiation Safety. Signed May 28, 2003; in force May 28, 2003. **Termination:** May 27, 2013. **Source:** NLB 72: 69-70
1567. **LATVIA** and **EUROPEAN UNION** (European Community). Europe Agreement Establishing an Association. Signed June 12, 1995; in force February 1, 1998. **Termination:** indefinite duration. **Source:** UNTS 34759. **Note:** Several articles deal with nuclear issues.
1753. **LATVIA** (Radiation Safety Center) and **LITHUANIA** (Radiation Protection Center). Agreement on Co-operation in Radiation Protection. Signed May 19, 2002; in force May 19, 2002. **Termination:** May 18, 2012. **Source:** NLB 70:65-66.

2155. **LATVIA** and **RUSSIA**. Agreement on the Return of Irradiated Nuclear Fuel to Russia. Signed December 3, 2007. **Termination:** unknown. **Source:** WNC 20071203. ROSATOM December 13, 2007.
1260. **LATVIA** (Environmental Protection Committee) and **SWEDEN** (Swedish Institute of Radiation Protection). Co-operation Agreement [safety]. Signed December 1991. **Termination:** unknown. **Source:** FBIS-SOV December 30, 1991. **Note:** This involves training Latvian personnel.
1754. **LATVIA** (Ministry of Environmental Protection and Regional Development) and **SWEDEN** (Swedish Nuclear Power Inspectorate). Agreement on a Support Package for Non-Proliferation Issues. Signed December 1997. Amended February 2000. **Termination:** unknown. **Source:** SKI Report 00:23, p. 37.
1816. **LATVIA** and **SWEDEN**. Agreement on Collaboration within the Field of Emergency, Prevention, Preparedness and Response. Signed June 17, 2002; in force January 3, 2003. **Termination:** indefinite duration. **Source:** UNTS 41019. **Note:** This covers “serious natural, technological and environmental disasters.” The Preamble refers to the 1986 Conventions on Early Notification of a Nuclear Accident and on Assistance in the Case of a Nuclear Accident or Radiological Emergency.
2156. **LATVIA** and **UKRAINE**. Information Exchange in the Area of Nuclear Safety. Reported October 18, 2001. **Termination:** unknown. **Source:** NN 20011019.
2157. **LATVIA** (Ministry of Environment) and **UNITED STATES** Department of Energy – National Nuclear Security Administration). Agreement concerning Co-operation in the Area of Countering the Proliferation of Nuclear Materials and Technologies. Signed April 25, 2005; in force April 25, 2005. **Termination:** unknown. **Source:** NN 20050428. NISECO May 2005. **Note:** This includes the return of spent fuel to Russia, security enhancements, safe and secure storage of nuclear materials, and improved methods of protection, control and accounting.

LEBANON

0016. **LEBANON** and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed July 18, 1955; in force July 18, 1955. **Termination:** July 17, 1960. **Source:** UNTS 3383. TIAS 3313.
2244. **LEBANON** and **UNITED STATES**. Exchange of Notes constituting an Agreement relating to a Grant for Procurement of Nuclear Research and Training Equipment and Materials. Signed September 16, 1959; in force Sep-

tember 16, 1959. **Termination:** no specific provision. **Source:** UNTS 5135. TIAS 4343.

LIBYA

1067. **LIBYA** (Nuclear Energy Organization) and **ARGENTINA** (Comisión Nacional de Energía Atómica). Nuclear Co-operation Agreement. Signed February 21, 1971. **Termination:** unknown. **Source:** JPRS-LAM June 27, 1979. **Note:** this appears to involve aspects of uranium mining and refining.
0404. **LIBYA** and **ARGENTINA**. Scientific and Technical Co-operation in the Field of the Use of Atomic Energy for Peaceful Purposes. Signed January 30, 1974. **Termination:** unknown. **Source:** AR 1974:74. Rohn 401249. **Note:** Apparently superseded by the agreement reported April 27, 1979, sequence number 1068.
1465. **LIBYA** and **ARGENTINA**. Agreement on Uranium Prospecting. Signed July 30, 1974. **Termination:** unknown. **Source:** OGUN.
1068. **LIBYA** and **ARGENTINA**. Scientific-Technological, Commercial and Economic Agreement. Reported April 27, 1979. **Termination:** unknown. **Source:** JPRS-LAM May 9 and June 27, 1979. **Note:** Apparently the agreement does not specifically mention nuclear co-operation. However, it is reported as a replacement for the agreements signed on January 30, 1974 (sequence number 0404), and it may be that existing co-operation under those agreements continues. This agreement is not listed among those in force at the end of 1987 in CNEA 1986-87, pp. 58-59.
1848. **LIBYA** and **ARGENTINA**. Nuclear Co-operation Agreement. Signed January 1981. **Termination:** unknown. **Source:** NTI: Libya.
1883. **LIBYA** and **BRAZIL**. Agreement. Signed 1984. **Termination:** unknown. **Source:** CIA ME-SA May 1988, p. 46. **Note:** This is about uranium prospecting and development services.
0591. **LIBYA** and **EGYPT**. Supreme Council for Atomic and Electronic Projects. Signed September 2, 1973. **Termination:** unknown. **Source:** PL September-October 1973, p. 12.
0392. **LIBYA** and **FRANCE**. Economic and Technical Co-operation. Signed February 19, 1974; in force February 19, 1974. **Termination:** no specific provision. **Source:** RTF 1973-75, 2e Série, 4e Vol. 407. **Note:** Nuclear co-operation is one area under this agreement.
1707. **LIBYA** and **FRANCE**. Draft Accord on Nuclear Reactor Supply. Signed March 22, 1976. **Termination:** unknown. **Source:** FoF 1976, p. 239. MEJ Vol. 30, 1976, p. 435. Bowen. **Note:** Bowen indicates this was cancelled.

- 2031 **LIBYA** (National Bureau of Research and Development) and **FRANCE** (Commissariat à l'Energie Atomique). Co-operation Agreement. Signed May 2005. **Termination:** unknown. **Source:** CEA "Actualités". **Note:** This concerns desalination and the production of radioisotopes.
2032. **LIBYA** (General People's Committee for Workforce, Training and Employment) and **FRANCE** (Commissariat à l'Energie Atomique). Memorandum of Understanding in the Use of Nuclear Energy for Peaceful Purposes. Signed March 15 or 16, 2006 **Termination:** unknown. **Source:** NTI: Libya. WNC 20060315, 20060316. ACT 36:3, p. 31. **Note:** This includes desalination, training, and production of radioisotopes for medical, industrial and agricultural purposes. It creates a joint committee. NTI: WMD Chronology reports a nuclear technology agreement signed March 14, 2006.
2033. **LIBYA** and **FRANCE**. Memorandum of Understanding on Construction of a Reactor for Desalination. Signed July 25, 2007. **Termination:** unknown. **Source:** NN 20070727. NTI: Libya. WMDI 18. **Note:** WMDI 18 reports that this may be a statement of intent rather than a final agreement, and gives a date of July 26, 2007. WNC 20070731 speaks of a Memorandum of Understanding on Co-operation in the Field of Peaceful Applications of Nuclear Energy.
2034. **LIBYA** and **FRANCE**. Agreement on Peaceful Use of Nuclear Energy. Signed December 10, 2007. **Termination:** unknown. **Source:** WNC 20071210. **Note:** this concerns desalination, support for uranium exploration and exploitation, and legal, regulatory and administrative support.
0773. **LIBYA** and **INDIA**. Memorandum of Understanding Concerning the Peaceful Uses of Atomic Energy. Signed July 19, 1978; in force July 19, 1978. **Termination:** unknown. **Source:** INMR. Rohn 570309. Bowen. **Note:** Bowen indicates this was allowed to lapse.
2159. **LIBYA** and **NIGER**. Uranium Sales. Reported 1978, 1979, 1980, 1981. **Termination:** unknown. **Source:** JPRS 78928, September 8, 1981. OGUN, p. 28. **Note:** Reported sales are: 1978 – 278 tons; 1979 – 150 tons; 1980 – 150 tons; 1981 – 1212 tons. OGUN suggests some of the uranium ended up in Pakistan.
0862. **LIBYA** and **PAKISTAN**. Nuclear Co-operation. Signed 1977. **Termination:** unknown. **Source:** Poul. p. 30. NTI: Pakistan. **Note:** Potter p. 224 lists an agreement signed March 1974. NTI: Pakistan suggests a 1974 agreement with a duration of 10 years.
2158. **LIBYA** and **PAKISTAN**. Nuclear Co-operation Agreement. Signed January 1981. **Termination:** unknown. **Source:** NTI: Libya.
0346. **LIBYA** and **RUSSIA** (USSR). Agreement on Economic and Technical Co-operation. Signed March 4, 1972; in force December 14, 1972. Exchange of Letters concerning Building an Atomic Power Plant in Libya, signed May 15,

1975. Protocol and Exchange of Letters signed May 30, 1975; in force May 30, 1975. Protocol signed August 12, 1975; in force August 12, 1975. Agreement February 1976. Accord on Tajoura Research Center, signed October 24, 1977. Overhaul agreement signed March 1998. **Termination:** unknown. **Source:** STS 2014, 2375, 2376, 2377, 2378. G pp. 87, 90, 103-4. ACR 9:B76. NPR Vol. 6: 4:118. **Note:** ACR 9:B76 indicates a second session of the Soviet-Libyan Committee for the Development of Economic, Scientific and Technological Development and Trade, February 1976, updating the agreement and including an agreement on building a nuclear research center. NTI: Libya indicates a re-opening of co-operation with Russia, therefore this is also listed with Russia. The agreement of March 1998 was with Atomenergoexport.

0836. **LIBYA** and **RUSSIA** (USSR). Nuclear Co-operation. Signed March 10, 1978. **Termination:** unknown. **Source:** AAN. **Note:** This concerns a 300-Megawatt power station.
0837. **LIBYA** and **RUSSIA** (USSR). Nuclear Co-operation. Signed October 3, 1978. **Termination:** unknown. **Source:** MM. **Note:** This concerns a desalination reactor.
0838. **LIBYA** and **RUSSIA** (USSR). Protocol on Technical Co-operation. Signed April 29, 1981. **Termination:** 1986?. **Source:** AAN. **Note:** This includes thermal and nuclear power stations. Bowen reports that a Soviet power reactor agreement expired in 1986.
2160. **LIBYA** and **RUSSIA**. Agreement. Reported 2000. **Termination:** unknown. **Source:** PPNNP 49: 4. **Note:** This includes military assistance and energy infrastructure assistance. The latter might be extended to Libya's nuclear research center?
2161. **LIBYA** and **RUSSIA**. Declaration of Intentions on Co-operation. Signed April 17, 2008. **Termination:** unknown. **Source:** WNC 20080417. **Note:** This includes the peaceful uses of nuclear energy. A framework agreement and plans are to be signed "as soon as possible."
2162. **LIBYA** and **UNITED KINGDOM**. Memorandum of Peace and Security. Signed June 27, 2006. **Termination:** unknown. **Source:** NTI: Libya. **Note:** The UK promises to aid Libya in transforming its weapons program to peaceful purposes. NTI: Libya also reports a Libya-United Kingdom Memorandum of Understanding on Scientific Co-operation, announced March 27, 2007.
2163. **LIBYA** (Tajoura Research Center) and **UNITED STATES** (Department of Energy – Oak Ridge National Laboratory). Sister Laboratory Agreement. Signed August 7 and 24, 2006. **Termination:** unknown. **Source:** NTI: Libya. IECO 1.

LIECHTENSTEIN

1548. **LIECHTENSTEIN** and **AUSTRIA**. Agreement on Mutual Assistance in the Event of Disasters or Serious Accidents. Signed September 23, 1994; in force January 1, 1996. **Termination:** indefinite duration. **Source:** UNTS 32390. **Note:** Article 5 refers to controlling nuclear hazards.

LITHUANIA

1556. **LITHUANIA** and **BULGARIA**. Basic Principles of Friendly Relations and Co-operation. Signed April 10, 1996; in force July 15, 1999. **Termination:** indefinite duration. **Source:** UNTS 36507. **Note:** Article 14 refers to the possibility of co-operation in mitigating and eliminating nuclear accidents.
1363. **LITHUANIA** and **CANADA**. Agreement for Co-operation in the Peaceful Uses of Nuclear Energy. Signed November 17, 1994; in force May 29, 1995. **Termination:** May 1, 2004. **Source:** AECB-R Winter 1994. DFAIT PR November 17, 1994, No. 230. UNTS 32376. ESA 2004:8. **Note:** The agreement was terminated when Lithuania joined the European Union. An administrative arrangement was being negotiated pursuant to this between the Atomic Energy Control Board of Canada and Valstybine Atomines Energetikos Saugos Inspekcija.
1385. **LITHUANIA** (Energy Ministry) and **DENMARK** (Interior Ministry). Agreement on Information Exchange and Co-operation in Nuclear Safety and Radiation Protection. Signed March 16, 1993; in force March 16, 1993. **Termination:** indefinite duration. **Source:** NLB 55:53-54.
1568. **LITHUANIA** and **EUROPEAN UNION** (European Community). Agreement on Trade and Commercial and Economic Co-operation. Signed May 11, 1992; in force February 1, 1993. **Termination:** January 31, 1998. **Source:** UNTS 33410. **Note:** Article 15 refers to nuclear research, nuclear energy and nuclear safety as possible areas of co-operation. Superseded by the agreement of June 12, 1995, sequence number 1569.
1569. **LITHUANIA** and **EUROPEAN UNION** (European Community). Europe Agreement Establishing an Association. Signed June 12, 1995; in force February 1, 1998. **Termination:** indefinite duration. **Source:** UNTS 34760. **Note:** Several articles refer to nuclear issues. **Note:** This supersedes the agreement of May 11, 1992, sequence number 1568.
2007. **LITHUANIA** and **EUROPEAN UNION**. Agreement on Closure of Nuclear Power Plant. Signed June 2002. **Termination:** unknown. **Source:** NN 20051006.
1402. **LITHUANIA** (Minister for the Economy) and **FRANCE** (Commissariat à l'Energie Atomique). Protocol of Co-operation. Signed May 21, 1997; in force May 21, 1997. **Termination:** unknown. **Source:** NLB 61:99. **Note:** CEA An-

nual Report 1997 notes an agreement on waste management and non-destructive testing.

1480. **LITHUANIA** and **GERMANY, FEDERAL REPUBLIC OF**. Agreement on Mutual Assistance in the Case of Disasters or Serious Accidents. Signed March 15, 1994; in force September 1, 1996. **Termination:** indefinite duration. **Source:** NLB 57:91. UNTS 35491.
2096. **LITHUANIA** and **JAPAN**. Agreement of Co-operation for Safety Improvement. Signed 1996. **Termination:** unknown. **Source:** IAEA-CNNP Lithuania 2004. **Note:** This is about the Ignalina reactor.
1753. **LITHUANIA** (Radiation Protection Center) and **LATVIA** (Radiation Safety Center). Agreement on Co-operation in Radiation Protection. Signed May 19, 2002; in force May 19, 2002. **Termination:** May 18, 2012. **Source:** NLB 70:65-66.
2164. **LITHUANIA** and **NORWAY**. Agreement on Early Notification of Nuclear Accidents and on the Exchange of Information on Nuclear Facilities. Signed February 13, 1995. **Termination:** unknown. **Source:** IAEA-CNPP Lithuania 2004.
1303. **LITHUANIA** and **POLAND**. Treaty on Friendly Relations and Good-Nighborly Co-operation. Signed April 26, 1994; in force November 26, 1994. **Termination:** indefinite duration. **Source:** FBIS-SOV-94-093, May 13, 1994. UNTS 31485. **Note:** This includes references both to export controls with respect to weapons of mass destruction and co-operation in cross-border pollution, including by radioactive substances.
1424. **LITHUANIA** and **POLAND**. Agreement on Early Notification and Co-operation on Nuclear Safety and Radiation Protection. Signed June 2, 1995. **Termination:** unknown. **Source:** NLB 56:101.
1606. **LITHUANIA** and **POLAND**. Agreement on Transboundary Co-operation. Signed September 16, 1995; in force May 14, 1996. **Termination:** indefinite duration. **Source:** UNTS 33416. **Note:** Article 4 includes co-operation in the event of disasters, including accidents at nuclear power plants.
2165. **LITHUANIA** and **POLAND**. Agreement on Early Notification of Nuclear Accidents, Exchange of Information and Co-operation in the Field of Nuclear Safety and Radiation Protection. Signed October 3, 2002. **Termination:** unknown. **Source:** IAEA-CNPP Lithuania 2004.
1756. **LITHUANIA** (Ignalina Nuclear Power Plant and Ministry of Economy) and **SWEDEN** (Swedish International Project Nuclear Safety). Agreement for Co-operation in the Field of Nuclear Safety. Signed January 27, 2000. **Termination:** indefinite duration. **Source:** NLB 65:64-65.

1757. **LITHUANIA** (State Nuclear Power Safety Inspectorate) and **SWEDEN** (Swedish International Project Nuclear Safety). Agreement for Co-operation in the Field of Nuclear Safety. Signed March 1, 2000. **Termination:** unknown. **Source:** NLB 65:65.
2166. **LITHUANIA** and **UNITED STATES**. Arrangement for the Exchange of Technical Information and Co-operation in Nuclear Safety Matters. Signed September 22, 2000; in force September 22, 2000. **Termination:** 2004. **Source:** USTF 2001, 2006. **Note:** This is not listed in USTF 2006 and therefore is treated as terminated in 2004.
2167. **LITHUANIA** and **UNITED STATES**. Arrangement for the Exchange of Technical Information and Co-operation in Nuclear Safety Matters. Signed September 28, 2005; in force September 28, 2005. **Termination:** unknown. **Source:** USDS 2005. USTF 2006.

LUXEMBOURG

1876. **LUXEMBOURG** and **BELGIUM**. Nuclear Agreement. Signed 1970. **Termination:** unknown. **Source:** IAEA-CNNP Belgium 2002.
1877. **LUXEMBOURG** and **BELGIUM**. Agreement Relating to Information Exchange in the Event of an Incident or Accident. Signed April 28, 2004. **Termination:** unknown. **Source:** NLB 80:77. **Note:** This includes nuclear emergencies.
0976. **LUXEMBOURG** and **FRANCE**. Mutual Assistance Between Fire Brigades and Rescue Services. Signed December 10, 1962. Amended September 12, 1988; in force November 1, 1988. **Termination:** unknown. **Source:** NLB 43:92-93. IAEA p. 226. RTAF 1988/71. Base Pacte. **Note:** The 1988 amendment refers to nuclear accidents.
0661. **LUXEMBOURG** and **FRANCE**. Nuclear Co-operation. Signed May 17, 1978. **Termination:** unknown. **Source:** PEF 1978. **Note:** This involves a nuclear power station on the Moselle.
0662. **LUXEMBOURG** and **FRANCE**. Exchange of Information in Case of Radiological Emergencies. Signed April 11, 1983; in force April 27, 1984. **Termination:** indefinite duration: cannot be denounced before the end of operation of the last nuclear power station in the France-Luxembourg border region. **Source:** UNTS 23351. NLB 34: 42-43. RTAF 1984/20 (46). IAEA p. 220.
0977. **LUXEMBOURG** and **FRANCE**. Agreement Concerning Certain Industrial Installations on the Moselle [safety]. Signed March 12, 1986. **Termination:** unknown. **Source:** AFDI 33:969. **Note:** This appears to be a nuclear safety agreement.
1403. **LUXEMBOURG** and **FRANCE**. Accord on Implementation of Radiation

Measurement Stations and on Co-operation in Nuclear Safety. Signed March 29, 1994; in force March 29, 1994. **Termination:** no specific provision. **Source:** AFDI 1995:800. UNTS 32683. RTAF 1995/74. Base Pacte.

1049. **LUXEMBOURG** and **GERMANY, FEDERAL REPUBLIC OF**. Agreement on Mutual Assistance in the Event of Catastrophes or Severe Accidents. Signed March 2, 1978; in force December 1, 1981. **Termination:** indefinite duration. **Source:** IAEA p. 274. UNTS 21982. NLB 28:43. **Note:** This includes nuclear accidents.

MACEDONIA

1880. **MACEDONIA** and **BOSNIA**. Agreement on Co-operation in Case of Natural or Other Disasters. Signed March 20, 2008. **Termination:** unknown. **Source:** WNC 20080320. **Note:** This includes nuclear disasters.
2168. **MACEDONIA** and **MONTENEGRO**. Agreement on Mutual Co-operation in Case of Natural or Other Disasters. Signed February 5, 2008. **Termination:** unknown. **Source:** WNC 20080205. **Note:** This includes nuclear dangers.

MALAYSIA

1375. **MALAYSIA** and **CHINA (PRC)**. Memorandum of Understanding on Science and Technology Co-operation. Signed 1992. **Termination:** unknown. **Source:** FBIS-CHI-94-007, January 11, 1994. **Note:** Nuclear energy was included as one possible area of co-operation in the first meeting of the joint committee created under this.
1261. **MALAYSIA** and **PAKISTAN**. Nuclear Co-operation Agreement. Signed April 5, 1984. **Termination:** unknown. **Source:** Potter p. 224. NTI: Pakistan.
0281. **MALAYSIA** and **UNITED STATES**. Exchange of Notes Regarding Supply of a TRIGA Research Reactor and Enriched Uranium. Signed September 22, 1980; in force September 22, 1980. **Termination:** indefinite duration. **Source:** TIAS 9863. **Note:** This is in conjunction with a US-IAEA-Malaysia agreement of September 22, 1980, UNTS 19814.

MEXICO

0448. **MEXICO** and **ARGENTINA**. Nuclear Co-operation. Signed October 5, 1972; in force October 5, 1972. **Termination:** unknown. **Source:** Rohn 401529.
1332. **MEXICO** and **AUSTRALIA**. Co-operation in the Peaceful Uses of Nuclear Energy and Nuclear Transfers. Signed February 28, 1992; in force July 17, 1992. **Termination:** indefinite duration. **Source:** UNTS 29391. NLB 52:76. I-AFA August 24, 1992. ATS 1992/32.
1110. **MEXICO** and **CANADA**. Industrial and Energy Co-operation. Signed May

27, 1980; in force provisionally May 27, 1980 and definitively April 30, 1981. **Termination:** indefinite duration. **Source:** CTS 1981/14. UNTS 20405. **Note:** The Mexican government agrees to study the possibility of the CANDU reactor system in meeting Mexico's nuclear power needs. There is also a reference to a joint feasibility study to define a nuclear power program, undertaken by Atomic Energy of Canada Limited and the Mexican Federal Electric Commission. Finally, there is a reference to possibilities for the use of Canadian technology in the development of a Mexican uranium industry. Various co-operation committees are to be created.

1315. **MEXICO** and **CANADA**. Co-operation in the Peaceful Uses of Nuclear Energy. Signed November 16, 1994; in force February 25, 1995. **Termination:** indefinite duration. **Source:** CTS 1995/9. UNTS 41323.
0845. **MEXICO** (Secretaria de Energia, Minas e Industria Paraestatal) and **CANADA** (Atomic Energy Control Board). Administrative Arrangement. Signed November 16, 1994. **Termination:** unknown. **Source:** AECB-R Winter 1994.
1142. **MEXICO** and **CUBA**. Agreement for Co-operation in the Peaceful Uses of Nuclear Energy. Signed 1990. **Termination:** unknown. **Source:** PPNNP 11:3.
1378. **MEXICO** and **CUBA**. Nuclear Co-operation Agreement. Signed May 24, 1996. **Termination:** unknown. **Source:** NPR 4:1:120.
0663. **MEXICO** and **FRANCE**. Scientific and Industrial Co-operation in the Utilization of Nuclear Energy for Exclusively Peaceful Ends. Signed March 2, 1979. **Termination:** Indefinite duration. **Source:** CEA 1979. FoF 1979:372. K 1979: 29549-50. Base Pacte. **Note:** Both FoF 1979 and K 1979 report a nuclear co-operation agreement, but FoF seems to place it in April and K in March. K reports that the agreement covers: (2) prospecting, exploitation and treatment of uranium; (2) future deliveries of enriched uranium to Mexico; and (3) assistance to Mexican industry for the possible construction of nuclear power plants. The agreement of April 2, 1980, sequence number 0978 might follow from this. It may come into force upon signature.
0978. **MEXICO** (Instituto Nacional de Investigaciones Nucleares) and **FRANCE** (Commissariat à l'Energie Atomique). Co-operation in Fundamental and Applied Research. Signed April 2, 1980. **Termination:** unknown. **Source:** CEA 1980. **Note:** see the note for the agreement of May 19, 1980, sequence number 1180, and the note for the agreement of March 2, 1979, sequence number 0663.
1180. **MEXICO** (relevant agency) and **FRANCE** (Commissariat à l'Energie Atomique). Co-operation in Prospecting and Exploitation of Uranium. Signed May 19, 1980. **Termination:** unknown. **Source:** K 1980:30435. **Note:** a second agreement reported by this source could be sequence number 0978.
0395. **MEXICO** and **FRANCE**. Economic Co-operation. Signed February 18, 1981;

- in force March 4, 1982. **Termination:** indefinite duration. **Source:** RTAF 1982/58. **Note:** Nuclear energy is one area of co-operation.
1481. **MEXICO** and **GERMANY, FEDERAL REPUBLIC OF**. Use of Techno-Nuclear Equipment and Nuclear Material for Peaceful Purposes. Signed April 13, 1992; in force April 13, 1992. **Termination:** no specific provision. **Source:** UNTS 29084.
2076. **MEXICO** and **IRAN**. Nuclear Co-operation Agreement. Signed April 29, 1991. **Termination:** unknown. **Source:** NTI: Iran. **Note:** This includes the exchange of scientific and technical information on nuclear energy, and co-operation in nuclear security.
0422. **MEXICO** and **ISRAEL**. Technical Co-operation. Signed July 11, 1966; in force June 17, 1968. **Termination:** no specific provision. **Source:** UNTS 9348. **Note:** Nuclear energy is one area of co-operation.
1242. **MEXICO** (National Institute of Nuclear Research) and **JAPAN** (Japan Atomic Energy Research Institute). Agreement on Co-operation in the Peaceful Uses of Nuclear Science and Technology. Signed August 10, 1990; in force August 10, 1990. **Termination:** August 9, 1995. **Source:** NLB 47:73.
0840. **MEXICO** and **SPAIN**. Co-operation in the Peaceful Uses of Nuclear Energy. Signed November 18, 1978; in force November 18, 1978. **Termination:** indefinite duration. **Source:** UNTS 17767. RE 32:281.
1053. **MEXICO** (Comisión Nacional de Seguridad Nuclear y Salvaguardias) and **SPAIN** (Junta de Energía Nuclear). Protocol Relating to Nuclear Safety. Signed November 27, 1979; in force November 27, 1979. **Termination:** unknown (same as sequence number 0840). **Source:** IAEA p. 359.
1054. **MEXICO** (Instituto Nacional de Investigaciones Nucleares) and **SPAIN** (Junta de Energía Nuclear). Protocol in the Field of Radiation Protection. Signed March 25, 1980; in force March 25, 1980. **Termination:** indefinite duration. **Source:** IAEA p. 366.
1262. **MEXICO** and **UNITED STATES**. Agreement on a Feasibility Study for Nuclear De-salting. Signed October 7, 1965. **Termination:** unknown. **Source:** FoF 1965:365.
0841. **MEXICO** (Salazar Nuclear Energy Center) and **UNITED STATES** (Argonne National Laboratory). Sister Laboratory Arrangement. Signed 1969. **Termination:** unknown. **Source:** AEC 1965; 1969; 1970.
0247. **MEXICO** (Comisión Nacional de Seguridad Nuclear y Salvaguardias) and **UNITED STATES** (Nuclear Regulatory Commission). Technical Information Exchange and Co-operation in Nuclear Safety Matters. Signed July 30 and October 15, 1980. Implementing procedures signed April 8, 1981; in force

April 8, 1981. Implementing procedures modified September 8 and October 6, 1989. Possibly renewed 1990. **Termination:** unknown. **Source:** TIAS 10137. USTF 1994, 1997. UNTS 26489. NRC 1990.

1607. **MEXICO** (National Institute of Nuclear Research) and **UNITED STATES** (Los Alamos National Laboratory). Memorandum of Understanding for the Exchange of Technical Information and for Co-operation in the Field of Peaceful Uses of Nuclear Energy. Signed May 25, 1982; in force May 25, 1982. Extended April 30, 2000; in force May 3, 2000 with effect retroactively from March 2000. **Termination:** March 2005. **Source:** US DOE. **Note:** This agreement was apparently extended 3 times, including March 1995.
1758. **MEXICO** and **UNITED STATES**. Co-operation Agreement. Signed August 14, 1983. **Termination:** unknown. **Source:** NLB 59:68.
0842. **MEXICO** (Comisión Nacional de Seguridad Nuclear y Salvaguardias) and **UNITED STATES** (Nuclear Regulatory Commission). Nuclear Reactor Safety Research Program. Signed May 27 and June 2, 1987; in force June 2, 1987. Implementing Procedures, signed September 8 and October 6, 1989. **Termination:** 2000? **Source:** NRC text. USTF 1994, 1997, 1998, 2001, 2002. TIAS 12234. **Note:** This is listed in USTF 2001 but not in USTF 2002, therefore it is tentatively treated as terminated in 2000.
1425. **MEXICO** (Comisión Nacional de Seguridad Nuclear y Salvaguardias) and **UNITED STATES** (Nuclear Regulatory Commission). Exchange of Technical Information and Co-operation in Nuclear Safety and Research Matters. Signed March 5, 1997; in force March 5, 1997. Amended November 12, 2002; in force November 12, 2002 with effect retroactively from March 5, 2002. **Termination:** March 4, 2007. **Source:** NLB 59:68. USDS. TIAS 12840. USTF 2003. **Note:** This appears to extend co-operation begun in the 1980s: see the agreement of July 30, 1980, sequence number 0247.
2169. **MEXICO** and **UNITED STATES**. Arrangement for the Exchange of Technical Information and Co-operation in Nuclear Safety and Research Matters. Signed September 19, 2007; in force September 19, 2007. **Termination:** unknown. **Source:** USDS 2007.

MONGOLIA

1759. **MONGOLIA** and **RUSSIA** (USSR). Agreement on the Mardai Uranium Mine. Signed 1981. Amended June 1999. **Termination:** unknown. **Source:** UINB 99:25. **Note:** The 1981 agreement gave control of the mine to the USSR; the June 1999 agreement with Russia agreed to have control revert to Mongolia in September 1999.
2170. **MONGOLIA** and **RUSSIA**. Framework Co-operation Agreement on the Peaceful Use of Atomic Energy. Signed November 14, 2000. **Termination:** unknown. **Source:** WNC 20001111. WNC 20001114. WNC 20070413. WNC

20080410.

2171. **MONGOLIA** and **RUSSIA**. Protocol on Development of Co-operation in Exploration, Extraction and Processing of Uranium Ore. Signed April 11, 2007. **Termination:** unknown. **Source:** WNC 20070413. WNC 20080410. WNC 20080411. **Note:** This also reportedly leads to the formation of a joint working group.

MONTENEGRO

2168. **MONTENEGRO** and **MACEDONIA**. Agreement on Mutual Co-operation in Case of Natural or Other Disasters. Signed February 5, 2008. **Termination:** unknown. **Source:** WNC 20080205. **Note:** This includes nuclear dangers.

MOROCCO

1640. **MOROCCO** (National Centre for Energy, Science and Nuclear Technology) and **ARGENTINA** (Comisión Nacional de Energía Atómica). Agreement on Scientific and Technical Co-operation in the Area of the Peaceful Use of Atomic Energy. Signed July 3, 1991. **Termination:** unknown. **Source:** CNEA 50th.

1641. **MOROCCO** and **ARGENTINA**. Agreement on Co-operation in the Peaceful Uses of Atomic Energy. Signed June 13, 1996. **Termination:** indefinite duration. **Source:** CNEA 50th. Ornstein p. 54.

1496. **MOROCCO** and **CHINA (PRC)**. Agreement. Signed September 20, 1996? Reported 1998. **Termination:** unknown. **Source:** PPNNP 44:6-7. WNC 19960921. **Note:** This concerns a 10 MW reactor at Tan-Tan, Morocco, for desalination. WNC 19960921 reports this as under the IAEA, and as an agreement on studies and co-operation regarding a desalination reactor.

1998. **MOROCCO** Ministry of Energy and Mining) and **EGYPT** (Ministry of Electricity and Energy). Co-operation Agreement. Signed February 1, 1989. **Termination:** unknown. **Source:** NTI: Egypt. **Note:** Egypt will provide Morocco with training for technical aspects of nuclear projects, and Morocco will provide Egypt with technical expertise in uranium manufacturing.

1041. **MOROCCO** and **FRANCE** (Ministère de l'Industrie). Understanding on the Exchange of Technical Information and Co-operation in the Field of Nuclear Safety Regulations. Signed 1988; in force 1988. **Termination:** 1998. **Source:** IAEA p. 197.

2035. **MOROCCO** and **FRANCE**. Preliminary Accord on Nuclear Co-operation. Signed October 2007 (reported October 24, 2007). **Termination:** unknown. **Source:** WMDI 24. NN 20071024. **Note:** This could include desalination.

0843. **MOROCCO** and **UNITED STATES**. Nuclear Co-operation. Signed Septem-

ber 29, 1979. **Termination:** unknown. **Source:** AAN. **Note:** This concerns a TRIGA-II reactor.

0249. **MOROCCO** and **UNITED STATES**. Co-operation Concerning Peaceful Uses of Nuclear Energy. Signed May 30, 1980; in force May 16, 1981. Amending Protocol signed September 20, 2001; in force August 9, 2002. **Termination:** indefinite duration. **Source:** UNTS 20852. TIAS 10018. NLB 68:82-83. USDS. USDS 2002.

0248. **MOROCCO** and **UNITED STATES**. Exchange of Notes Regarding Supply of Enriched Uranium for a TRIGA Reactor. Signed December 2, 1983; in force December 2, 1983. **Termination:** indefinite duration. **Source:** TIAS 10866. **Note:** This is in conjunction with a US-IAEA-Morocco agreement of December 2, 1983.

MYANMAR

2172. **MYANMAR** and **RUSSIA**. Agreement to Develop a Nuclear Research Center. Signed May 15, 2007. **Termination:** unknown. **Source:** WNC 20070524. WMDI 16. YK 8:1-2. NTI: WMD Chronology. NN 20070523. ACT 37:5 p. 40. **Note:** This includes a 10 MW Light Water Reactor with 20% highly enriched uranium, an activation-analysis laboratory, medical isotope production laboratory, silicon doping system, and nuclear waste treatment and burial facilities. WNC 20020515 reported a draft agreement for May 14, 2002, and NN 20070523 reported an agreement had first been floated in 2000, but had collapsed over financing in 2003.

NETHERLANDS

0932. **NETHERLANDS** and **BELGIUM**. Mutual Assistance in the Event of Catastrophes and Accidents. Signed November 14, 1984; in force November 1, 1988. **Termination:** October 31, 2008. **Source:** NLB 42:49-50. UNTS 26466. **Note:** This does not specifically mention nuclear accidents, but NLB 42:49-50 states that these are covered.

0933. **NETHERLANDS** and **BELGIUM**. Co-operation in Nuclear Safety. Signed March 14, 1987. **Termination:** indefinite duration. **Source:** NLB 42:49-50. NYIL 16:445.

1338. **NETHERLANDS** and **BELGIUM**. Memorandum of Understanding concerning Early Notification of a Nuclear Accident and Exchange of Information on the Operation of Nuclear Installations. Signed December 20, 1990. **Termination:** unknown. **Source:** NLB 49:72.

0311. **NETHERLANDS** and **BRAZIL**. Exchange of Notes Constituting an Agreement Between Brazil and the Netherlands on the Supply of Enriched Uranium to Brazil. Signed September 1, 1978; in force September 1, 1978. **Termination:** no specific provision. **Source:** UNTS 17666. Resenha July-September

1978, p. 106.

0605. **NETHERLANDS** and **EUROPEAN UNION** (Euratom). Installation at Petten of an Establishment of the Joint Nuclear Research Centre. Signed July 25, 1961; in force October 30, 1962. **Termination:** October 29, 2061. **Source:** UNTS 6686.
0959. **NETHERLANDS** (Stichting voor Fundamenteel Onderzoek der Materie) and **EUROPEAN UNION** (Euratom, European Community). Contract of Association in the Field of Thermonuclear Fusion. Signed July 10, 1969. **Termination:** unknown. **Source:** BEC 1969, No. 9/10, p. 58.
0664. **NETHERLANDS** and **FRANCE**. Exchange of Letters Concerning the Possible Return of Radioactive Waste Remaining after the Reprocessing of Spent Fuel. Signed May 29, 1979; in force August 17, 1981. **Termination:** unknown. **Source:** NYIL 13:290. Tract. 1981/208. Rohn 447242.
0738. **NETHERLANDS** and **GERMANY, FEDERAL REPUBLIC OF**. Atomic Energy. Signed October 28, 1968. **Termination:** unknown. **Source:** Hunt. Tract. 1968/148.
0997. **NETHERLANDS** (Ministers for Public Health and Protection of the Environment, and for Social Affairs) and **GERMANY, FEDERAL REPUBLIC OF** (Federal Minister of the Interior). Memorandum of Understanding on Mutual Notification Relating to the Construction of Nuclear Facilities in the Vicinity of Common Borders. Signed September 27 and October 28, 1977; in force October 28, 1977. **Termination:** no specific provision. **Source:** NLB 22:35. IAEA p. 293.
0739. **NETHERLANDS** and **GERMANY, FEDERAL REPUBLIC OF**. Exchange of Letters concerning Proposed Exports of Enriched Uranium to Brazil. Signed September 4, 1978; in force September 4, 1978. **Termination:** unknown. **Source:** NYIL 10:420. Tract. 1978/164; 1978/165; 1978/168.
1044. **NETHERLANDS** and **GERMANY, FEDERAL REPUBLIC OF**. Decision of the German-Netherlands Commission on the Exchange of Information Relating to Important Incidents and Events Regarding Technical Safety Aspects of Nuclear Power Plants. Signed May 21, 1981. **Termination:** unknown. **Source:** IAEA p. 300.
1411. **NETHERLANDS** and **GERMANY, FEDERAL REPUBLIC OF**. Agreement on Mutual Assistance in the Event of Catastrophe. Signed June 7, 1988; in force March 1, 1997. **Termination:** indefinite duration. **Source:** NLB 51:85-86. UNTS 34861. **Note:** A protocol annexed to the agreement states that this is applicable to nuclear accidents.
0844. **NETHERLANDS** (Stichting voor Fundamenteel Onderzoek der Materie, later Reactor Centrum Nederland) and **NORWAY** (Institut for Atomenergi). Col-

laboration. Announced April 15, 1951. Renewed November 2 and 23, 1955. **Termination:** unknown. **Source:** NEA Vol. II, p. 187. K 1951:11463. GAK 820-7015. Marks p. 568. **Note:** Superseded by the agreement of January 27, 1959, sequence number 0847. K 1959:16621 reports two agreements in 1951. If so, one may be purely intergovernmental while the other is between the two institutes.

0846. **NETHERLANDS** (Reactor Centrum Nederland) and **NORWAY** (Institut for Atomenergi). Joint Establishment for Nuclear Energy Research. Signed November 2 and 23, 1955. Amended December 3 and 4, 1957. **Termination:** unknown. **Source:** GAK 820-7020.
0847. **NETHERLANDS** (Reactor Centrum Nederland) and **NORWAY** (Institut for Atomenergi). Co-operation Agreement. Signed January 27, 1959. **Termination:** unknown. **Source:** GAK 820-7070. **Note:** This supersedes the agreement of April 15, 1951, sequence number 0844.
0848. **NETHERLANDS** and **SWITZERLAND**. Exchange of Notes Concerning Proposed Exports of Enriched Uranium to Switzerland. Signed June 10 and September 8, 1976; in force September 8, 1976. **Termination:** unknown. **Source:** NYIL 10:419. Tract. 1978/164; 1978/165; 1978/166. Rohn 447216.
0849. **NETHERLANDS** (Reactor Centrum Nederland) and **UNITED KINGDOM** (Atomic Energy Authority). Co-operation in Designing and Developing Special Types of Experimental Reactors and Concerning the Supply of Materials. Signed March 14, 1956. Amended 1960 (?). **Termination:** unknown. **Source:** GAK 918-7110; 918-7111. AEA 1959-60; 1960-61. **Note:** This was extended for three years in 1959 or 1960.
0850. **NETHERLANDS** (Reactor Centrum Nederland) and **UNITED KINGDOM** (Atomic Energy Authority). Collaboration Agreement. Signed April 22, 1968. **Termination:** unknown. **Source:** AEA 1968-69. NEA Vol. II, p. 187.
0851. **NETHERLANDS** and **UNITED KINGDOM**. Possible Return of Radioactive Waste Remaining after the Reprocessing of Irradiated Nuclear Fuel. Signed September 12, 1978; in force June 30, 1981. **Termination:** unknown. **Source:** NYIL 13:290. Tract. 1981/162. Rohn 447213.
1050. **NETHERLANDS** and **UNITED KINGDOM**. Memorandum of Understanding on Early Notification of a Nuclear Accident and Exchange of Information Concerning the Operation and Management of Nuclear Facilities. Signed November 16, 1988; in force November 16, 1988. **Termination:** indefinite duration. **Source:** IAEA p. 381.
0023. **NETHERLANDS** and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed July 18, 1955; in force December 30, 1955. **Termination:** August 7, 1957. **Source:** UNTS 3412. TIAS 3461. **Note:** Superseded by agreement of June 22, 1956, sequence number 0038. See also the

agreement of February 15, 1957, sequence number 2245.

0038. **NETHERLANDS** and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed June 22, 1956; in force August 8, 1957. Amended July 3, 1957; in force August 8, 1957. Amended July 22, 1959; in force October 30, 1959. **Termination:** August 7, 1967. **Source:** UNTS 4181. TIAS 3876, 4339. **Note:** This supersedes the agreement of July 18, 1955, sequence number 0023. See also the agreement of February 15, 1957, sequence number 2245.
2245. **NETHERLANDS** and **UNITED STATES**. Lease of Special Nuclear Material. Signed February 15, 1957; in force February 15, 1957. **Termination:** 1959? **Source:** UNTS 4190. USTF 1960. **Note:** This follows from the agreement of July 18, 1955, sequence number 0023 and its superseding agreement of June 22, 1956, sequence number 0038, the latter terminating on August 7, 1967. However, the agreement is not listed in USTF 1960.
0852. **NETHERLANDS** (Organization for Industrial Research) and **UNITED STATES** (Atomic Energy Commission). Information Exchange on Facilities to Test Components of Sodium-Cooled Fast Breeder Reactor Power Plants. Signed 1970. **Termination:** unknown. **Source:** AEC 1970.
0208. **NETHERLANDS** (Energy Research Foundation) and **UNITED STATES** (Nuclear Regulatory Commission). Research Program in Zircaloy Tubing [safety]. Signed December 9 and 24, 1976; in force December 24, 1976. **Termination:** December 31, 1980. **Source:** UNTS 18051. TIAS 9070.
0205. **NETHERLANDS** (Ministry for Social Affairs) and **UNITED STATES** (Nuclear Regulatory Commission). Co-operation in Regulatory Matters and Safety Research. Signed October 3, 1977; in force October 3, 1977. Amended September 15, 1982; in force September 15, 1982. Amended September 23, 1987; in force September 23, 1987. Renewed 1992. Amended September 30, 1997; in force September 30, 1997. **Termination:** 2000? **Source:** TIAS 8988, 10499, 12222. IAEA p. 385. USTF 1994, 1997, 2001, 2002. UNTS 17493, 30575. NRC 1992. USDS Dispatch December 1997, No. 10. **Note:** This is listed in USTF 2001 but not in USTF 2002, therefore it is tentatively treated as terminated in 2000.
0207. **NETHERLANDS** (Energy Research Foundation) and **UNITED STATES** (Nuclear Regulatory Commission). Research Participation and Technical Exchange in Loss of Fluid Test Program [safety]. Signed January 9 and 20, 1978; in force January 20, 1978. **Termination:** January 19, 1982. **Source:** TIAS 9703.
0206. **NETHERLANDS** (Energy Research Foundation) and **UNITED STATES** (Nuclear Regulatory Commission). Research Participation and Technical Exchange [safety]. Signed April 21 and June 6, 1980; in force June 6, 1980.

Termination: June 5, 1983. **Source:** UNTS 19934. TIAS 9792.

0202. **NETHERLANDS** (Energy Research Foundation) and **UNITED STATES** (Nuclear Regulatory Commission). Severe Nuclear Accident Research. Signed March 29 and April 11, 1983; in force April 11, 1983 with retroactive effect from February 15, 1983. **Termination:** February 14, 1987. **Source:** TIAS 10690.
1817. **NETHERLANDS** (Ministry of Housing, Physical Planning and Environment) and **UNITED STATES** Environmental Protection Agency). Memorandum of Understanding on Environmental Co-operation. Signed June 17, 1985; in force June 17, 1985. **Termination:** indefinite duration. **Source:** TIAS 11161. **Note:** This includes radiation protection, standards, low-level waste and emergency preparedness.
1263. **NETHERLANDS** (Energy Research Foundation) and **UNITED STATES** (Nuclear Regulatory Commission). Agreement in the Area of Nuclear Reactor Safety Research. Signed May 27 and September 1, 1987; in force September 1, 1987. **Termination:** 2000? **Source:** TIAS 12223. USTF 1994, 1997, 2001, 2002. **Note:** This is listed in USTF 2001 but not in USTF 2002, therefore it is tentatively treated as terminated in 2000.
2173. **NETHERLANDS** and **UNITED STATES**. Agreement for the Exchange of Technical Information and Co-operation in Regulatory and Safety Research Matters. Signed October 2, 1997; in force October 2, 1997. **Termination:** 2001. **Source:** USTF 1998, 2003. **Note:** This is listed in USTF 2002 but not in USTF 2003, and therefore is treated as terminated in 2001.
2174. **NETHERLANDS** and **UNITED STATES**. Exchange of Notes concerning the Application of Non-Proliferation Assurances to Low Enriched Uranium Supplied to Taiwan. Signed July 21, 1999. **Termination:** unknown. **Source:** IAEA-CNPP Netherlands 2002.
2175. **NETHERLANDS** and **UNITED STATES**. Agreement for the Exchange of Technical Information and Co-operation in Regulatory and Safety Research Matters. Signed September 17, 2003; in force September 17, 2003. **Termination:** unknown. **Source:** USTF 2005.

NEW ZEALAND

0468. **NEW ZEALAND** (Atomic Energy Committee) and **AUSTRALIA** (Atomic Energy Commission). Co-operative Programs of Research. Signed May-June 1964? **Termination:** unknown. **Source:** AAEC 1964. **Note:** This includes nuclear physics, Van de Graaff accelerators and the use of radioactive isotopes.
1659. **NEW ZEALAND** and **AUSTRALIA**. Agreement concerning the Transfer of Uranium. Signed September 14, 1999; in force May 1, 2000. **Termination:**

indefinite duration. **Source:** ATS 2000/16. NLB 66:60. UNTS 36835. **Note:** This concerns a small amount of yellowcake imported by New Zealand for commercial uses.

0853. **NEW ZEALAND** and **UNITED KINGDOM** (Atomic Energy Authority). Construction of a Heavy Water Plant at Wairekei. Announced July 2, 1954. **Termination:** announced January 26, 1956. **Source:** AEA 1954-55. K 1954:13724; 1956:14658.
0854. **NEW ZEALAND** (Atomic Energy Commission) and **UNITED KINGDOM** (Atomic Energy Authority). Exchange of Letters Constituting an Agreement Reviewing the Existing Co-operation in the Peaceful Uses of Atomic Energy. Signed March or April 1966. **Termination:** unknown. **Source:** GAK 918-7560. AEA 1965-66.
0032. **NEW ZEALAND** and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed June 13, 1956; in force August 29, 1956. Amended June 11, 1960; in force July 22, 1960. **Termination:** August 28, 1961. **Source:** UNTS 3582. TIAS 3626, 4526. BFSP 162:868.
2246. **NEW ZEALAND** and **UNITED STATES**. Exchange of Notes constituting an Agreement relating to a Grant for Procurement of Nuclear Research and Training equipment and Materials. Signed March 23, 1960; in force March 23, 1960. **Termination:** no specific provision. **Source:** UNTS 5276. TIAS 4445.

NICARAGUA

0045. **NICARAGUA** and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed June 11, 1957; in force March 7, 1958. **Termination:** March 6, 1963. **Source:** UNTS 4402. TIAS 3998.

NIGER

1944. **NIGER** and **CHINA (PRC)** (China National Nuclear Corporation). Agreement. Signed 2006. **Termination:** unknown. **Source:** WMDI 20. **Note:** This allows CNNC to develop a uranium deposit.
1478. **NIGER** and **EGYPT**. Agreement for Co-operation in the Field of Peaceful Uses of Nuclear Energy. Signed December 6, 1983. **Termination:** unknown. **Source:** OGUN. NTI: Egypt. **Note:** A Protocol on the Supply of Fuel is included under this.
2036. **NIGER** and **FRANCE**. Agreement. Signed 1960. **Termination:** unknown. **Source:** WMDI 20. **Note:** WMDI reports that this agreement gave French companies a de facto monopoly over Niger's uranium.
0665. **NIGER** and **FRANCE**. Exchange of Letters Concerning the Mining of the Deposits of Uranium Newly Discovered in Niger by the Commissariat à l'Ener-

gie Atomique. Signed July 7, 1967. **Termination:** unknown. **Source:** GAK 824-7050. **Note:** see also the agreement of July 7, 1967, sequence number 0979.

0979. **NIGER** and **FRANCE** (Commissariat à l'Energie Atomique). Protocol Specifying the Mining Conditions for the Deposits of Uranium Newly Discovered in Niger by the Commissariat à l'Energie Atomique. Signed July 7, 1967. **Termination:** unknown. **Source:** GAK 824-7060. **Note:** This follows from the agreement of July 7, 1967, sequence number 0665.
1235. **NIGER** and **IRAQ**. Sale of Uranium. Notice dated January 28, 1981. **Termination:** unknown. **Source:** JPRS-Wldwde September 8, 1981. NTI: Iraq. **Note:** This concerns a contract for 100 tons of uranium.
1243. **NIGER** (ONAREM -- Nigerian Mineral Research Office) and **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation). Uranium Prospecting and Exploitation Agreement. September 9, 1981. **Termination:** unknown. **Source:** JPRS-Wldwde September 21 and 24, 1981.
2159. **NIGER** and **LIBYA**. Uranium Sales. Reported 1978, 1979, 1980, 1981. **Termination:** unknown. **Source:** JPRS 78928, September 8, 1981. OGUN, p. 28. **Note:** Reported sales are: 1978 – 278 tons; 1979 – 150 tons; 1980 – 150 tons; 1981 – 1212 tons. OGUN suggests some of the uranium ended up in Pakistan.
0855. **NIGER** and **PAKISTAN**. Supply of Uranium. Signed possibly in 1976 or 1977. Uranium safeguards agreement, March 6, 1983. **Termination:** unknown. **Source:** Referenced in the IAEA-Pakistan agreement of March 2, 1977. Potter p. 224. NTI: Pakistan. **Note:** This may be part of an agreement to increase future nuclear co-operation, part of a bilateral agreement on trade promotion.

NIGERIA

1069. **NIGERIA** and **ARGENTINA**. Scientific and Technical Co-operation Agreement. Signed August 1988. **Termination:** unknown. **Source:** PPNNP 4:4. **Note:** PPNNP 4:4 reports that this could provide the basis for the export of nuclear goods and services.

NORWAY

1288. **NORWAY** and **CANADA**. Agreement regarding the Transfer of Canadian-Obligated Uranium. Signed March 18, 1992; in force March 18, 1992. **Termination:** no specific provision. **Source:** CTS 1992/31. UNTS 32046.
1761. **NORWAY** and **CANADA**. Exchange of Letters constituting and Agreement regarding a Transfer of Canadian-Obligated Plutonium-Uranium Mixed Oxide Spent Fuel to Norway. Signed January 12, 1994; in force January 12, 1994.

Termination: no specific provision. **Source:** CTI.

0592. **NORWAY** (Institutt for Atomenergi) and **EGYPT** (Atomic Energy Establishment). Exchange of Information. Reported September 29, 1960. **Termination:** five years duration. **Source:** AWC.
0606. **NORWAY** and **EUROPEAN UNION** (Euratom). Framework Agreement for Scientific and Technological Co-operation. Signed March 9, 1987. **Termination:** unknown. **Source:** BEC 1987 No. 3 p. 25.
1787. **NORWAY** and **EUROPEAN UNION** (Euratom). Co-operation Agreement on Radiation Protection. Signed July 20, 1994; in force: unknown. **Termination:** December 31, 1994. **Source:** EUR-LEX 21994A0824(01). OJEU L219, August 24, 1994. **Note:** This associates Norway, as of July 1, 1992, with a program on radiation protection, for the duration of that program.
0964. **NORWAY** and **FINLAND**. Exchange of Information and Early Notification in Case of Nuclear Emergencies. Signed February 25, 1987; in force August 20, 1987. **Termination:** indefinite duration. **Source:** UNTS 25501. NLB 39:35. IAEA p. 177.
1045. **NORWAY** and **GERMAN DEMOCRATIC REPUBLIC**. Agreement on the Exchange of Information and Experience in the Field of Radiation Protection. Signed June 22, 1987; in force June 22, 1987. **Termination:** indefinite duration (the German Democratic Republic ceased to exist as of the end of October 2, 1990). **Source:** IAEA p. 238.
0998. **NORWAY** and **GERMANY, FEDERAL REPUBLIC OF**. Agreement on Questions of Common Interest Relating to Nuclear Safety and Radiation Protection. Signed May 10, 1988; in force August 30, 1988. **Termination:** indefinite duration. **Source:** UNTS 27019. NLB 43:93-94. FRGB 1988:1097.
1727. **NORWAY** and **ISRAEL**. Sale of Heavy Water. Signed possibly February 25, 1959. **Termination:** unknown. **Source:** Cohen, pp. 60-62. NTI: Israel. **Note:** See also the agreement of June 1988, sequence number 1507.
1507. **NORWAY** and **ISRAEL**. Application of Safeguards to Heavy Water. Signed June 1988. **Termination:** unknown. **Source:** PPNNP 2:3; 4:3; 6:3. EOS 1:25; 3:13; 5:28. FBIS-WEU-92-018, January 28, 1992. K 1990, p. 37504. FoF 1990, p. 563. NTI: Israel. **Note:** This concerns the supply of heavy water originally supplied by Norway in 1959 (sequence number 1727). The agreement may have fallen apart in 1989. It then appears to have been re-negotiated with a draft agreement signed on April 27, 1990.
1487. **NORWAY** and **JAPAN**. Agreement. Reported 1993. **Termination:** unknown. **Source:** PPNNP 24:6. **Note:** This concerns the monitoring of the dumping of radioactive waste at sea.

2164. **NORWAY** and **LITHUANIA**. Agreement on Early Notification of Nuclear Accidents and on the Exchange of Information on Nuclear Facilities. Signed February 13, 1995. **Termination:** unknown. **Source:** IAEA-CNPP Lithuania 2004.
0844. **NORWAY** (Institutt for Atomenergi) and **NETHERLANDS** (Stichting voor Fundamenteel Onderzoek der Materie, later Reactor Centrum Nederland). Collaboration. Announced April 15, 1951. Renewed November 2 and 23, 1955. **Termination:** unknown. **Source:** NEA Vol. II, p. 187. K 1951:11463. GAK 820-7015. Marks p. 568. **Note:** Superseded by the agreement of January 27, 1959, sequence number 0847. K 1959:16621 reports two agreements in 1951. If so, one may be purely intergovernmental while the other is between the two institutes.
0846. **NORWAY** (Institutt for Atomenergi) and **NETHERLANDS** (Reactor Centrum Nederland). Joint Establishment for Nuclear Energy Research. Signed November 2 and 23, 1955. Amended December 3 and 4, 1957. **Termination:** unknown. **Source:** GAK 820-7020.
0847. **NORWAY** (Institutt for Atomenergi) and **NETHERLANDS** (Reactor Centrum Nederland). Co-operation Agreement. Signed January 27, 1959. **Termination:** unknown. **Source:** GAK 820-7070. **Note:** This supersedes the agreement of April 15, 1951, sequence number 0844.
0856. **NORWAY** and **POLAND**. Cultural Agreement. Signed October 13, 1967. **Termination:** unknown. **Source:** GAK 854-7310. **Note:** This includes co-operation in the field of nuclear research.
1265. **NORWAY** and **RUSSIA** (USSR). Cultural, Scientific and Technical Agreement for 1961. Signed January 28, 1961. **Termination:** December 31, 1961. **Source:** FoF 1961:143. GS p. 129. **Note:** FoF 1961:143 states that this includes nuclear energy.
1427. **NORWAY** and **RUSSIA**. Agreement on Co-operation in the Environmental Field. Signed September 3, 1992. **Termination:** unknown. **Source:** NLB 52:80-81. **Note:** This includes investigation of possible pollution from the dumping of radioactive waste at sea by Russia.
1428. **NORWAY** and **RUSSIA**. Agreement on Early Notification of a Nuclear Accident and Information Exchange on Nuclear Installations. Signed January 10, 1993. **Termination:** unknown. **Source:** NLB 52:80.
1525. **NORWAY** and **RUSSIA**. Agreement. Announced April 28, 1994. **Termination:** unknown. **Source:** NPR 2:1:165. **Note:** This concerns the construction of a storage facility for radioactive waste.
1526. **NORWAY** and **RUSSIA**. Environmental Co-operation in connection with the Dismantling of Russian Nuclear Power Submarines and the Enhancement of

Nuclear and Radiation Safety. Signed May 26, 1998; in force May 26, 1998.
Termination: May 25, 2003. **Source:** NLB 62:85. **Note:** This covers nuclear submarines in the northern region, but also nuclear and radiation safety at nuclear power plants and other nuclear facilities.

1016. **NORWAY** and **SWEDEN**. Exchange of Information and Early Notification in Case of Nuclear Emergencies. Signed October 21, 1986; in force July 22, 1987. **Termination:** indefinite duration. **Source:** NLB 39:35. IAEA p. 395. UNTS 27844.
1264. **NORWAY** and **SWEDEN**. Exchange of Information on Nuclear Plants. Signed February 18, 1987. **Termination:** unknown **Source:** K 1987:35212.
1429. **NORWAY** and **UKRAINE**. Agreement on Early Notification of a Nuclear Accident and Information Exchange on Nuclear Installations. Signed July 15, 1994. **Termination:** unknown. **Source:** NLB 54:67.
0049. **NORWAY** and **UNITED KINGDOM**. Exchange of Notes Constituting an Agreement Regarding Co-operation in the Promotion and Development of the Peaceful Uses of Atomic Energy. Signed July 12, 1957; in force August 7, 1957. Amended July 26 and December 20, 1967; in force December 20, 1967 with retroactive effect from August 6, 1967. Note of Interpretation, March 8, 1968. **Termination:** August 6, 1977. **Source:** UNTS 4485. UKTS 1957/1 (Norway), 1968/62. **Note:** This appears to be in conjunction with the agreement of July 12, 1957, sequence number 0857.
0857. **NORWAY** (Institutt for Atomenergi) and **UNITED KINGDOM** (Atomic Energy Authority). Co-operation in the Promotion and Development of the Peaceful Uses of Atomic Energy. Signed July 12, 1957. Amended July 26 and December 20, 1967. **Termination:** 1977. **Source:** GAK 918-7140, 918-7141. AEA 1967-68. **Note:** This appears to be in conjunction with the agreement of July 12, 1957, sequence number 0049.
0858. **NORWAY** (Institutt for Atomenergi) and **UNITED KINGDOM** (Atomic Energy Authority). Co-operation in the Study of Power Reactor Systems for Construction in Norway. Signed April 2, 1968. **Termination:** unknown. **Source:** GAK 918-7670.
0922. **NORWAY** (Institutt for Atomenergi) and **UNITED KINGDOM** (Atomic Energy Authority). Co-operation in the Study of Fast Reactors. Signed April 13, 1970. **Termination:** unknown. **Source:** GAK 918-7810.
0203. **NORWAY** and **UNITED KINGDOM**. Safeguards and Assurances Relating to a Transfer of Nuclear Material from the United Kingdom to Norway. Signed June 15 and July 3, 1984; in force July 3, 1984. **Termination:** no specific provision. **Source:** UKTS 1984/72. UNTS 23702.
1051. **NORWAY** and **UNITED KINGDOM**. Agreement on Early Notification of a

Nuclear Accident and Exchange of Information Concerning the Operation and Management of Nuclear Facilities. Signed November 24, 1987; in force January 7, 1988. **Termination:** indefinite duration. **Source:** IAEA p. 399. UKTS 1988/30. UNTS 27043.

1266. **NORWAY** and **UNITED KINGDOM**. Exchange of Notes Concerning the Export of Uranium to Norway. Signed November 23 and 27, 1989; in force November 27, 1989. **Termination:** no specific provision. **Source:** UKTS 1990/29. UNTS 28187. **Note:** This establishes safeguards for enriched uranium exported by British Nuclear Fuels PLC to the Institutt for Energiteknikk.
1527. **NORWAY** and **UNITED KINGDOM**. Agreement Regarding the Export from Norway of 36 Irradiated Fuel Pins. Signed June 12, 1991; in force June 12, 1991. **Termination:** unknown. **Source:** UNTS 28668.
1304. **NORWAY** and **UNITED KINGDOM**. Proposed Export of Uranium Oxide Powder. Signed January 22 and February 17, 1992; in force February 17, 1992. **Termination:** no specific provision. **Source:** UKTS 1992/51. UNTS 29211.
1305. **NORWAY** and **UNITED KINGDOM**. Export of Three Mixed Oxide Fuel Pins. Signed April 13 and 20, 1993; in force April 20, 1993. **Termination:** no specific provision. **Source:** UKTS 1993/53. UNTS 30690.
1608. **NORWAY** and **UNITED KINGDOM**. Agreement concerning the Export of Uranium to Norway. Signed December 14, 1994 and January 9, 1995; in force January 9, 1995. **Termination:** no specific provision. **Source:** UNTS 32225.
1609. **NORWAY** and **UNITED KINGDOM**. Exchange of Notes Constituting an Agreement concerning the Export of Uranium to Norway. Signed May 12 and 16, 1995; in force May 16, 1995. **Termination:** no specific provision. **Source:** UNTS 32663.
1610. **NORWAY** and **UNITED KINGDOM**. Exchange of Notes Constituting an Agreement concerning the Export of Uranium to Norway. Signed June 6 and July 2, 1995; in force July 2, 1995. **Termination:** no specific provision. **Source:** UNTS 32664.
1611. **NORWAY** and **UNITED KINGDOM**. Exchange of Notes Constituting an Agreement concerning the Export of Uranium to Norway. Signed January 26 and February 5, 1996; in force February 5, 1996. **Termination:** no specific provision. **Source:** UNTS 33349.
0037. **NORWAY** and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed February 25, 1957; in force June 10, 1957. **Termination:** June 7, 1967. **Source:** UNTS 4126. TIAS 3836. **Note:** Superseded by agreement of May 4, 1967, sequence number 0087.

0087. **NORWAY** and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed May 4, 1967; in force June 8, 1967. Amended December 23, 1969; in force March 26, 1970. **Termination:** July 1, 1984. **Source:** UNTS 9763. TIAS 6260; 6849. **Note:** This supersedes the agreement of February 25, 1957, sequence number 0037. Superseded by agreement of January 12, 1984, sequence number 0860.
0143. **NORWAY** (Institutt for Atomenergi) and **UNITED STATES** (Nuclear Regulatory Commission). Water Reactor Technology [safety]. Signed November 3 and 28, 1975; in force January 1, 1976. **Termination:** December 31, 1978. **Source:** UNTS 19839. TIAS 8947. **Note:** This brings the US Nuclear Regulatory Commission into an agreement with the multilateral OECD Halden Reactor Project, on whose behalf the Institutt is acting.
0860. **NORWAY** and **UNITED STATES**. Revised Agreement for Co-operation Concerning Civil Uses of Atomic Energy (with annex and agreed minute). Signed January 12, 1984; in force July 2, 1984. **Termination:** July 1, 2014. **Source:** ILM. NEA Vol. II, p. 199. USTF90. TIAS 10979. UNTS 34773. Carnegie.
2176. **NORWAY** (Norwegian Radiation Protection Authority) and **UNITED STATES** (Department of Energy – National Nuclear Security Administration). Statement of Intent on Nuclear Emergency Management. Signed September 21, 2004. **Termination:** unknown. **Source:** NN 20040923. PGS docs.
2177. **NORWAY** and **YUGOSLAVIA**. Exchange Program. Started 1952. **Termination:** unknown. (Yugoslavia dissolved in 1991.) **Source:** NTI: Yugoslavia. **Note:** This may have begun informally, but later co-operation seems to have begun in 1952 between Yugoslavia and Norway's Research Institute for Energy and Nuclear Technology.
0374. **NORWAY** (Institutt for Atomenergi) and **YUGOSLAVIA** (Federal Nuclear Energy Commission). Co-operation in the Peaceful Uses of Atomic Energy. Signed November 1, 1962; in force November 1, 1962. **Termination:** indefinite duration. (Yugoslavia dissolved in 1991.) **Source:** Dodatak, 1963/148.
0861. **NORWAY** and **YUGOSLAVIA**. Closer Co-operation in the Development of Nuclear Reactors. Signed 1965. **Termination:** unknown. (Yugoslavia dissolved in 1991.) **Source:** GAK 985-7440.

PAKISTAN

0449. **PAKISTAN** and **ARGENTINA**. Scientific and Technological Co-operation. Possibly signed and in force in 1983. **Termination:** unknown. **Source:** AM 1982. **Note:** This includes exchanges involving the Comisión Nacional de Energía Atómica and the University of the Punjab. Potter p. 224 notes an agreement signed August 1981.

0934. **PAKISTAN** (Atomic Energy Commission) and **BELGIUM** (Commissariat à l'Energie Atomique). Exchange of Personnel, Information and Equipment. Signed May 14 and June 13, 1963. **Termination:** unknown. **Source:** NEA Vol. II, p. 47.
0066. **PAKISTAN** and **CANADA**. Peaceful Uses of Atomic Energy. Signed May 14, 1959; in force July 18, 1960. **Termination:** indefinite duration, but dormant from early 1977. **Source:** UNTS 6133. CTS 1960/14.
0115. **PAKISTAN** and **CANADA**. Construction of the Karachi Nuclear Power Station. Signed December 24, 1965; in force December 24, 1965. **Termination:** indefinite duration, but dormant from early 1977. **Source:** UNTS 12482. CTS 1965/26.
1131. **PAKISTAN** and **CHINA (PRC)**. Nuclear Co-operation Agreement? Signed May 26, 1976. **Termination:** unknown. **Source:** Potter p. 224. **Note:** This may be a continuation of a technical co-operation agreement signed on July 30, 1966. It is not entirely clear if nuclear co-operation was involved. See also Potter p. 230.
1132. **PAKISTAN** and **CHINA (PRC)**. Co-operation in the Peaceful Uses of Nuclear Energy. Signed September 15, 1986; in force November 10, 1986. **Termination:** indefinite duration. **Source:** UNTS 26165. PPNNP 8:5 K 1986:34674. NTI: WMD Chronology. NTI: Pakistan. **Note:** All equipment supplied by China is to be put under IAEA safeguards.
1133. **PAKISTAN** and **CHINA (PRC)**. Draft Agreement for Supply of a Nuclear Power Plant. Signed November 1989. Contract signed December 31, 1991. Contract signed February 2, 1992. **Termination:** unknown. **Source:** EOS 1:39; 2:16; 6:30-31. PPNNP 16:4. FBIS-CHI-93-150 Aug. 6, 1993. **Note:** This concerns a 300 MW plant at Chashma. See also the two agreements of March 17, 2001 (sequence numbers 1945 and 1946), May 4, 2004 (sequence number 1947) and April 10, 2005 (sequence number 1948).
1945. **PAKISTAN** and **CHINA (PRC)**. Agreement for Supply of Fuel for the Chashma Nuclear Power Plant. Reported March 17, 2001. **Termination:** unknown (15-year agreement). **Source:** WNC 20010317. **Note:** See also the agreement of November 1989 (sequence numbers 1133), the other agreement of March 17, 2001 (sequence number 1946), May 4, 2004 (sequence number 1947) and April 10, 2005 (sequence number 1948).
1946. **PAKISTAN** and **CHINA (PRC)**. Memorandum of Understanding. Reported March 17, 2001. **Termination:** unknown. **Source:** WNC 20010317. **Note:** This concerns construction of a second 300 MW reactor at Chashma. See also the agreement of November 1989 (sequence numbers 1133), the other agreement of March 17, 2001 (sequence number 1945), May 4, 2004 (sequence number 1947) and April 10, 2005 (sequence number 1948).

1947. **PAKISTAN** (Pakistan Atomic Energy Commission) and **CHINA (PRC)** (China National Nuclear Corporation). Nuclear Reactor Agreement. Signed May 4, 2004. **Termination:** unknown. **Source:** WNC 20040524, 20080414. AECO No. 2. **Note:** This concerns the second reactor at Chashma. See also the agreement of November 1989 (sequence numbers 1133), the two agreements of March 17, 2001 (sequence numbers 1945 and 1946), and the agreement of April 10, 2005 (sequence number 1948).
1948. **PAKISTAN** and **CHINA (PRC)**. Agreement on Two Additional Reactors at Chashma. Announced April 10, 2005. **Termination:** unknown. **Source:** AECO No. 7. **Note:** This is apparently in addition to the reactor agreed upon on May 4, 2004 (sequence number 1947). See also the agreement of November 1989 (sequence numbers 1133), the two agreements of March 17, 2001 (sequence numbers 1945 and 1946), and May 4, 2004 (sequence number 1947).
1949. **PAKISTAN** and **CHINA (PRC)**. Framework Agreement on Co-operation in the Field of Energy. Signed February 2006. **Termination:** unknown. **Source:** PMFA November 25, 2006, "Text of the Joint Statement between the Islamic Republic of Pakistan and the People's Republic of China. **Note:** This may include nuclear energy.
1950. **PAKISTAN** and **CHINA (PRC)**. Agreement on Nuclear and Conventional Energy Co-operation. Reported April 23, 2007. **Termination:** unknown. **Source:** NN 20070424. **Note:** It is not clear if this is a formal agreement, but it seems to include both nuclear and conventional energy.
0577. **PAKISTAN** (Atomic Energy Commission) and **DENMARK** (Atomic Energy Commission). Co-operation in the Peaceful Uses of Atomic Energy. Signed November 23, 1965. **Termination:** unknown. **Source:** GAK 842-7180.
0666. **PAKISTAN** (Atomic Energy Commission) and **FRANCE** (Commissariat à l'Energie Atomique). Co-operation in the Field of Nuclear Energy. Signed December 14, 1962. **Termination:** unknown. **Source:** CEA 1962. Rohn 418589.
0667. **PAKISTAN** (Space and Upper Atmosphere Research Committee) and **FRANCE** (Centre National d'Etudes Spatiales). Co-operation. Signed 1964. **Termination:** unknown. **Source:** PH Vol. 30, No. 3-4, p. 47. **Note:** Under this, some Pakistani scientists and technicians received training at the French Nuclear Research Centre.
0668. **PAKISTAN** and **FRANCE**. Nuclear Co-operation [supply of Chasma reprocessor]. Signed March 17, 1976. **Termination:** unknown. **Source:** Referenced in the France-IAEA-Pakistan agreement of March 18, 1976, RTAF 1976/36. CEA 1976. NLB 18:44. NTI: Pakistan. **Note:** This contract was later cancelled. Kapur (pp. 6-7, 140) indicates a design and construction agreement in

March 1973 and October 1974, but seems to suggest that these were formalized in the trilateral agreement of 1976.

2037. **PAKISTAN** and **FRANCE**. Agreement on Peaceful Uses of Nuclear Energy. Signed Fall 1992. **Termination:** unknown. **Source:** PPNNP 21:5. NPR 1:2: 118. **Note:** NPR 1:2: 118 suggests October 1992. This seems to concern agriculture, medicine, industry and radiation protection.
1204. **PAKISTAN** and **GERMANY, FEDERAL REPUBLIC OF**. Nuclear Co-operation. Noted 1969. **Termination:** unknown. **Source:** IAEA GC (XIII)/INF/113/Rev. 1, p. 14.
0267. **PAKISTAN** and **GERMANY, FEDERAL REPUBLIC OF**. Co-operation on Scientific Research and Technological Development. Signed November 30, 1972; in force October 15, 1973. **Termination:** indefinite duration. **Source:** UNTS 13564. **Note:** Nuclear research and the development of nuclear technology are mentioned as an area of co-operation to be considered.
1715. **PAKISTAN** (Pakistan Atomic Energy Commission) and **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungszentrum Karlsruhe). Co-operation Agreement. Reported in operation, 1986-87. **Termination:** unknown. **Source:** PAEC Annual Report 1986-87. **Note:** ENSP/EOS 1:53 reports a decision by the German Ministry of Research and Technology to terminate a nuclear co-operation agreement.
1231. **PAKISTAN** and **INDONESIA**. Nuclear Co-operation Agreement. Signed April 10, 1980. **Termination:** unknown. **Source:** Potter p. 224.
1484. **PAKISTAN** and **IRAN** (Iranian Atomic Energy Organization). Agreement. Signed 1987? **Termination:** unknown. **Source:** EOS 7, supplement. CEIP Khan Chronology. NTI: Pakistan. NTI: Iran. **Note:** This concerns training in Pakistan. NTI: WMD Chronology reports a possible secret nuclear co-operation agreement in February 1986.
0794. **PAKISTAN** (Atomic Energy Commission) and **ITALY** (Comitato Nazionale per l'Energia Nucleare). Co-operation in the Peaceful Uses of Nuclear Energy. Signed September 24, 1966; in force September 24, 1966. **Termination:** unknown. **Source:** Giuliano p. 344. **Note:** S & R p. 41 indicate that talks to extend this agreement were held in November 1974.
0862. **PAKISTAN** and **LIBYA**. Nuclear Co-operation. Signed 1977. **Termination:** unknown. **Source:** Poul. p. 30. NTI: Pakistan. **Note:** Potter p. 224 lists an agreement signed March 1974. NTI: Pakistan suggests a 1974 agreement with a duration of 10 years.
2158. **PAKISTAN** and **LIBYA**. Nuclear Co-operation Agreement. Signed January 1981. **Termination:** unknown. **Source:** NTI: Libya.

1261. **PAKISTAN** and **MALAYSIA**. Nuclear Co-operation Agreement. Signed April 5, 1984. **Termination**: unknown. **Source**: Potter p. 224. NTI: Pakistan.
0855. **PAKISTAN** and **NIGER**. Supply of Uranium. Signed possibly in 1976 or 1977. Uranium safeguards agreement, March 6, 1983. **Termination**: unknown. **Source**: Referenced in the IAEA-Pakistan agreement of March 2, 1977. Potter p. 224. NTI: Pakistan. **Note**: This may be part of an agreement to increase future nuclear co-operation, part of a bilateral agreement on trade promotion.
1267. **PAKISTAN** and **PHILIPPINES** (Atomic Energy Commission?). Agreement on Co-operation in the Peaceful Uses of Atomic Energy. Signed 1981. **Termination**: unknown. **Source**: PhAEC 1981.
1268. **PAKISTAN** and **POLAND**. Nuclear Co-operation Agreement. Signed around 1970. **Termination**: unknown **Source**: Potter p. 223.
1269. **PAKISTAN** and **ROMANIA**. Nuclear Co-operation Agreement. Signed January 1973. **Termination**: unknown. **Source**: Potter p. 223. S & R: 41.
0864. **PAKISTAN** and **RUSSIA** (USSR). Aid in Establishing a Nuclear Power Station in East Pakistan. Signed April 13, 1968. **Termination**: unknown. **Source**: GS p. 435.
0347. **PAKISTAN** (Atomic Energy Commission) and **RUSSIA** (USSR) (State Committee for the Use of Atomic Energy). Peaceful Use of Atomic Energy. Signed May 20, 1970; in force May 20, 1970. **Termination**: May 19, 1980. **Source**: STS 1752.
0863. **PAKISTAN** (Atomic Energy Commission) and **SPAIN** (Junta de Energía Nuclear). Collaboration in Peaceful Applications of Atomic Energy. Signed September 16, 1966. **Termination**: unknown. **Source**: PAEC 1966-67.
1270. **PAKISTAN** and **TURKEY**. Nuclear Co-operation Agreement? Signed around 1970. **Termination**: unknown. **Source**: Potter p. 224.
0865. **PAKISTAN** (Atomic Energy Commission) and **UNITED KINGDOM** (Atomic Energy Authority). Exchange of Unclassified Information, Visits and Assistance. Signed September 1961. **Termination**: unknown. **Source**: AEA 1961-62.
0204. **PAKISTAN** and **UNITED KINGDOM**. Supply of Uranium to the Pakistan Atomic Energy Commission [safeguards]. Signed March 3 and 13, 1963; in force March 13, 1963. **Termination**: no specific provision. **Source**: UNTS 7003.
0074. **PAKISTAN** and **UNITED KINGDOM**. Supply and Use of Nuclear Material for Peaceful Research Purposes. Signed July 31 and October 13, 1964; in

force October 13, 1964. **Termination:** no specific provision. **Source:** UNTS 7754.

1017. **PAKISTAN** and **UNITED STATES** (Atomic Energy Commission). Co-operation in Nuclear Research. Signed 1955. **Termination:** unknown. **Source:** Cong. R., S., Vol. 135, No. 161, November 16, 1989.

0017. **PAKISTAN** and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed August 11, 1955; in force August 11, 1955. **Termination:** August 10, 1960. **Source:** UNTS 3384. TIAS 3315. BFSP 162:379.

0866. **PAKISTAN** (Institute of Science and Technology) and **UNITED STATES** (Oak Ridge National Laboratory). Sister Laboratory Arrangement. Signed 1967. **Termination:** unknown. **Source:** AEC 1967, 1968, 1969, 1970.

PANAMA

0070. **PANAMA** and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed June 24, 1959; in force June 27, 1963. **Termination:** June 26, 1968. **Source:** UNTS 6950. TIAS 5370.

PARAGUAY

0091. **PARAGUAY** and **ARGENTINA**. Co-operation in the Field of the Peaceful Uses of Nuclear Energy. Signed July 20, 1967; in force December 20, 1969. **Termination:** indefinite duration. **Source:** UNTS 10182.

1070. **PARAGUAY** (relevant agency) and **ARGENTINA** (Comisión Nacional de Energía Atómica). Co-operation Agreement for 1984. Signed 1984. **Termination:** 1984. **Source:** CNEA 1984. **Note:** This appears to be one of a series of agreements.

0117. **PARAGUAY** and **BRAZIL**. Co-operation in the Peaceful Uses of Atomic Energy. Signed August 18, 1961; in force March 21, 1965. **Termination:** indefinite duration. **Source:** UNTS 12624. DAI. **Note:** The Brazil-Paraguay Treaty of Friendship and Co-operation, signed December 4, 1975 and in force May 26, 1976 (UNTS 20193) re-affirmed the continuing implementation of this agreement.

0418. **PARAGUAY** and **CHILE**. Co-operation in the Field of the Peaceful Uses of Nuclear Energy. Signed December 16, 1976. **Termination:** indefinite duration. **Source:** ChM 1976:439.

PERU

0092. **PERU** and **ARGENTINA**. Co-operation in the Field of the Peaceful Uses of Nuclear Energy. Signed May 25, 1968; in force July 14, 1969. Protocol, June 17, 1979. **Termination:** indefinite duration. **Source:** UNTS 10184. AM 1971.

0450. **PERU** (Instituto Peruano de Energía Nuclear) and **ARGENTINA** (Comisión Nacional de Energía Atómica). Plan of Co-operation. Signed December 15, 1975. Co-operation for August 10, 1976 to September 30, 1977, signed July 10, 1976. **Termination:** September 30, 1977. **Source:** AM 1975, 1976. **Note:** There may be a series of such co-operation plans.
0451. **PERU** and **ARGENTINA**. Zero-Power Reactor and Instrumentation. Signed May 19, 1977. **Termination:** unknown. **Source:** AM 1977. **Note:** A construction contract for this was signed on November 5, 1977 between the Comisión Nacional de Energía Atómica and the Instituto Peruano de Energía Nuclear. See sequence number 0660 and also the Peru-US agreement of May 22, 1978, sequence number 0282.
0660. **PERU** (Instituto Peruano de Energía Nuclear) and **ARGENTINA** (Comisión Nacional de Energía Atómica). Construction Contract for a Zero-Power Reactor. Signed November 5, 1977; in force November 1978. **Termination:** unknown. **Source:** AM 1977. Ornstein p. 39.
0912. **PERU** and **ARGENTINA**. Joint Declaration on Peaceful Nuclear Co-operation. Signed December 19, 1988. **Termination:** unknown. **Source:** NLB 43:91. **Note:** This touches on information on nuclear power generation and an assessment of Peruvian uranium deposits.
1071. **PERU** and **ARGENTINA**. Co-operation Agreement. Signed November 1989. **Termination:** unknown. **Source:** EOS 1:8. **Note:** This concerns assistance in building a pilot plant for yellowcake production.
0289. **PERU** and **BRAZIL**. Economic and Technical Co-operation. Signed November 29, 1957; in force November 29, 1957. **Termination:** no specific provision. **Source:** CAI 414. PM July 28, 1956-December 31, 1957, p. 466. PBT 1971. UNTS 19258. DAI. **Note:** PBT reports a discussion of nuclear co-operation on August 25, 1971, by the mixed commission created under this agreement.
0503. **PERU** and **BRAZIL**. Co-operation in Atomic Energy. Signed November 30, 1966; in force November 6, 1975. **Termination:** indefinite duration. **Source:** UNTS 22318. Rohn 405452. DAI.
0414. **PERU** and **BRAZIL**. Co-operation in the Field of the Peaceful Uses of Nuclear Energy. Signed June 26, 1981. **Termination:** indefinite duration. **Source:** Resenha April-June 1981, p.148.
0504. **PERU** and **BRAZIL**. Co-operation and Exchange of Information in the Field of Energy. Signed June 26, 1981. **Termination:** unknown. **Source:** Resenha April-June 1981, p. 158. **Note:** The co-operation foreseen includes techniques for uranium prospecting.
1475. **PERU** and **CHINA (PRC)**. Nuclear Co-operation Agreement. Announced Oc-

- tober 10, 1995. **Termination:** unknown. **Source:** NPR 3:2:133.
2063. **PERU** and **INDIA**. Agreement concerning Peaceful Uses of Nuclear Energy. Signed February 12, 1992. **Termination:** unknown. **Source:** IAEA-CNNP India 2004.
0867. **PERU** and **SPAIN**. Co-operation in the Utilization of Atomic Energy for Peaceful Purposes. Signed December 4, 1969. **Termination:** unknown. **Source:** SCT p. 658. Rohn 459926.
0868. **PERU** and **SPAIN**. Peaceful Uses of Atomic Energy. Signed July 19, 1976. **Termination:** unknown. **Source:** Rohn 460416.
0027. **PERU** and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed January 25, 1956; in force January 25, 1956. **Termination:** January 24, 1961. **Source:** UNTS 3417. TIAS 3483.
2247. **PERU** and **UNITED STATES**. Exchange of Notes constituting an Agreement relating to a Grant to Assist in the Acquisition of Certain Nuclear Research and Training Equipment and Materials. Signed July 16 and August 22, 1959; in force August 22, 1959. **Termination:** no specific provision. **Source:** UNTS 5109. TIAS 4304.
0282. **PERU** and **UNITED STATES**. Exchange of Notes Regarding Supply of Enriched Uranium for a Zero-Power Research Reactor. Signed May 22, 1978; in force retroactively from May 9, 1978. **Termination:** indefinite duration. **Source:** TIAS 9263. **Note:** This is in conjunction with a US-IAEA-Peru-Argentina agreement of May 9, 1978. See also the Peru-Argentina agreements of May 19, 1977 (sequence number 0451) and November 5, 1977 (sequence number 0660).
0250. **PERU** and **UNITED STATES**. Co-operation Concerning Peaceful Uses of Nuclear Energy. Signed June 26, 1980; in force April 15, 1982. **Termination:** April 14, 2022. **Source:** TIAS 10300. UNTS 26974.
1430. **PERU** and **UNITED STATES** (Nuclear Regulatory Commission). Letter Agreement for Routine Exchange of Documents and Information, Primarily in Materials Safety and Radiation Protection Areas. Signed 1990. **Termination:** unknown. **Source:** NRC 1990.
1612. **PERU** (Peruvian Institute of Nuclear Energy) and **UNITED STATES** (Los Alamos National Laboratory). Arrangement for the Exchange of Technical Information and for Co-operation in the Field of Peaceful Uses of Nuclear Energy. Signed June 15 and 17, 1991; in force June 17, 1991. Extended August 13 and September 10 (?), 1997. **Termination:** June 16, 2001. **Source:** US DOE.

PHILIPPINES

0284. **PHILIPPINES** and **AUSTRALIA**. Co-operation in Peaceful Uses of Nuclear Energy and the Transfer of Nuclear Material. Signed August 8, 1978; in force May 11, 1982. **Termination:** indefinite duration. **Source:** ATS 1982/25. UNTS 23079.
0526. **PHILIPPINES** and **CANADA**. Peaceful Uses of Nuclear Material, Equipment, Facilities, and Information. Signed June 19, 1981; in force April 14, 1983. **Termination:** indefinite duration. **Source:** UNTS 24878. CTS 1983/33.
1469. **PHILIPPINES** (Philippines Nuclear Research Institute of the Department of Science and Technology) and **CANADA** (Atomic Energy of Canada, Ltd.). Technical Co-operation Agreement. Signed November 1995. **Termination:** unknown. **Source:** DFAIT PR November 15, 1995, No. 213. **Note:** this “provides a framework for joint research programs and the training and exchange of personnel.”
0669. **PHILIPPINES** and **FRANCE**. Co-operation in the Peaceful Uses of Nuclear Energy. Signed June 11, 1976. **Termination:** unknown. **Source:** PEF 1976.
0088. **PHILIPPINES** and **INDIA**. Co-operation in the Peaceful Uses of Atomic Energy. Signed March 14, 1969; in force March 14, 1969. **Termination:** March 13, 1974. **Source:** UNTS 9796. **Note:** This contains a reference to a nuclear crystal spectrometer. See the agreement of May 29, 1969, sequence number 0774.
- 0774 **PHILIPPINES** (Atomic Energy Commission) and **INDIA** (Atomic Energy Department). Nuclear Crystal Spectrometer. Signed May 29 and June 16, 1969; in force June 19, 1969. **Termination:** June 18, 1974. **Source:** INMR. India Bilaterals. **Note:** See the agreement of March 14, 1969, sequence number 0088.
1721. **PHILIPPINES** and **INDIA**. Co-operation for the Utilization of Atomic Energy for Peaceful Purposes. Signed April 29, 1991. **Termination:** unknown. **Source:** IMEA. IAEA-CNPP India 2004.
0077. **PHILIPPINES** (Atomic Energy Commission) and **ISRAEL** (Atomic Energy Commission). Co-operation in the Peaceful Uses of Atomic Energy. Signed June 10, 1963; in force June 11, 1963. Amended September 24 and November 5, 1965; in force retroactively from June 10, 1965. **Termination:** June 9, 1967. **Source:** UNTS 8526.
0079. **PHILIPPINES** and **ISRAEL**. Co-operation in the Peaceful Uses of Atomic Energy. Signed September 7 and December 28, 1966, and February 20, 1967; in force June 11, 1967 with retroactive effect from September 8, 1966. **Termination:** June 10, 1968. **Source:** UNTS 8642.

0082. **PHILIPPINES** and **ISRAEL**. Co-operation in the Peaceful Uses of Atomic Energy. Signed January 14, 1969; in force January 14, 1969. **Termination:** indefinite duration. **Source:** UNTS 9437.
1267. **PHILIPPINES** (Atomic Energy Commission?) and **PAKISTAN**. Agreement on Co-operation in the Peaceful Uses of Atomic Energy. Signed 1981. **Termination:** unknown. **Source:** PhAEC 1981.
0018. **PHILIPPINES** and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed July 27, 1955; in force July 27, 1955. Amended June 11, 1960; in force July 15, 1960. Amended August 7, 1963; in force November 4, 1964. Amended June 27, 1966; in force October 21, 1966. **Termination:** July 18, 1968. **Source:** UNTS 3385. TIAS 3316, 4515, 5677, 6119. **Note:** Superseded by agreement of June 13, 1968, sequence number 0090.
0090. **PHILIPPINES** and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed June 13, 1968; in force July 19, 1968. **Termination:** 2001. **Source:** UNTS 10131. TIAS 6522. USTF 2001. NLB 6:38-39. **Note:** This supersedes the agreement of July 27, 1955, sequence number 0018. This was still listed in USTF 2001 but not in USTF 2002, and therefore is treated as terminated in 2001.
0251. **PHILIPPINES** (Atomic Energy Commission) and **UNITED STATES** (Nuclear Regulatory Commission). Exchange of Technical Information and Co-operation in Nuclear Safety Matters. Signed March 28 and April 28, 1980; in force April 28, 1980. Amended May 24 and June 18, 1985; in force June 18, 1985. Letter of Intent, signed July 1993. **Termination:** 2001. **Source:** UNTS 19724. TIAS 9756, 11343. USTF 1986, 1990, 1993, 1994, 1997, 2001. IAEA p.419. NRC 1993. **Note:** The Letter of Intent, July 1993, maintains contacts and allows for the routine exchange of documents. The agreement of March 28 and April 28, 1980 is listed in USTF 2001 but not in USTF 2002, and therefore is treated as terminated in 2001.
0715. **PHILIPPINES** (Atomic Energy Commission) and **UNITED STATES** (Nuclear Regulatory Commission). Thermal-Hydraulic Research [safety]. Signed June 26 and August 7, 1985; in force August 7, 1985. **Termination:** August 6, 1990 or when all obligations are met. **Source:** NRC text.

POLAND

1086. **POLAND** and **AUSTRIA**. Agreement on the Exchange of Information and Co-operation in the Sphere of Nuclear Safety and Radiation Protection. Signed December 15, 1989; in force December 1, 1990. **Termination:** indefinite duration. **Source:** UNTS 27820. FBIS-WEU December 19, 1989; FBIS-EEU December 14, 1989. NLB 51:84-85. AustB 1990 p. 643.
1337. **POLAND** and **BELARUS**. Agreement on Early Notification and Information

- Exchange on Nuclear Safety. Signed October 26, 1994. **Termination:** unknown. **Source:** NLB 56:97. **Note:** This also includes information exchanges on illicit activity in nuclear material, radioactive sources or waste.
0488. **POLAND** and **BELGIUM**. Co-operation in the Peaceful Uses of Nuclear Energy. Signed December 7 or 9, 1965. **Termination:** unknown. **Source:** GAK 854-7270. Rohn 458127.
0162. **POLAND** and **BELGO-LUXEMBOURG ECONOMIC UNION**. Long-Term Agreement on the Development of Economic, Industrial, Scientific and Technical Co-operation. Signed November 22, 1973; in force November 22, 1973. **Termination:** indefinite duration. **Source:** UNTS 13232. **Note:** Nuclear energy is one area of co-operation.
0560. **POLAND** and **CZECH REPUBLIC** (Czechoslovakia). Co-operation in the Peaceful Uses of Nuclear Energy. Signed November 24, 1961. **Termination:** unknown. **Source:** GAK 854-7160.
0561. **POLAND** and **CZECH REPUBLIC** (Czechoslovakia). Co-operation in Research in Physics of the Atomic Nucleus and in the Peaceful Uses of Nuclear Energy. Signed April 1963. **Termination:** unknown. **Source:** GAK 854-7190.
0559. **POLAND** and **DENMARK**. Exchange of Information in the Field of Nuclear Energy Safety and Radiation Protection. Signed December 22, 1987. **Termination:** indefinite duration. **Source:** NLB 41:49.
1387. **POLAND** and **EUROPEAN UNION** (European Community). Establishment of Association. Signed December 16, 1991. **Termination:** unknown. **Source:** NLB 52: 81-82. **Note:** This includes nuclear energy.
2008. **POLAND** and **EUROPEAN UNION** (Euratom). Agreement on Fusion Energy Co-operation. Noted April 25, 2005. **Termination:** unknown. **Source:** WNC 20050425.
0670. **POLAND** (Commissariat for Atomic Energy) and **FRANCE** (Commissariat à l'Energie Atomique). Scientific Collaboration [physics, magnetohydrodynamics, metallurgy and radioelements]. Signed July 1966. **Termination:** unknown. **Source:** CEA 1966.
0671. **POLAND** (State Office for Atomic Energy) and **FRANCE** (Commissariat à l'Energie Atomique). Scientific and Technical Co-operation. Signed June 16, 1975. Amended 1979. **Termination:** unknown. **Source:** CEA 1975, 1979.
0354. **POLAND** and **GERMAN DEMOCRATIC REPUBLIC**. Co-operation Concerning Peaceful Uses of Atomic Energy. Signed September 17, 1957; in force November 11, 1957. **Termination:** indefinite duration (the German Democratic Republic ceased to exist as of the end of October 2, 1990). **Source:** DDDR Vol. 5, 1957, p. 438.

0719. **POLAND** and **GERMAN DEMOCRATIC REPUBLIC**. Co-operation in the Field of Atomic Energy. Signed February 4, 1960. Protocol of Co-operation 1961-1965, signed March 4, 1961. **Termination:** indefinite duration (the German Democratic Republic ceased to exist as of the end of October 2, 1990). **Source:** GAK 708-7045. Rohn 454122.
1205. **POLAND** and **GERMANY, FEDERAL REPUBLIC OF**. Agreement on Co-operation in Science and Technology. Signed November 8 and 10, 1989; in force February 1, 1990. **Termination:** indefinite duration. **Source:** NTIS DE90-773721. NLB 46:87. UNTS 29537. **Note:** Nuclear co-operation is one area mentioned.
1803. **POLAND** and **GERMANY, FEDERAL REPUBLIC OF**. Agreement concerning Mutual Assistance in the Event of Disasters or Severe Accidents. Signed April 10, 1997; in force March 1, 1999. **Termination:** indefinite duration. **Source:** UNTS 37091. **Note:** Article 4 refers to radioactive hazards.
0764. **POLAND** and **HUNGARY**. Co-operation in the Peaceful Uses of Nuclear Energy. Signed January 15, 1960. **Termination:** unknown. **Source:** GAK 854-7100. Rohn 454118. Horak p. 133.
0765. **POLAND** and **HUNGARY**. Co-operation in the Peaceful Uses of Nuclear Energy. Signed 1968. **Termination:** unknown. **Source:** GAK 854-7340.
0775. **POLAND** and **INDIA**. Co-operation in the Peaceful Uses of Atomic Energy. Signed 1958. **Termination:** unknown. **Source:** GAK 854-7060.
0776. **POLAND** and **INDIA**. Development of Atomic Energy for Peaceful Purposes. Signed November 30, 1962 and February 21, 1963; in force February 21, 1963. **Termination:** February 20, 1968. **Source:** Jain Vol. I, p. 177. GAK 854-7200.
0777. **POLAND** and **INDIA**. Peaceful Uses of Atomic Energy. Signed September 9, 1977; in force September 9, 1977. Work Program for 1980-81, signed December 10, 1979. Second Work Program for 1985-86, signed March 5, 1985. **Termination:** unknown. **Source:** INMR. Rohn 570297. FAR 31:73. NTI: India. **Note:** BARC 1987 indicates on-going co-operation under this agreement.
0425. **POLAND** and **ITALY**. Program of Cultural and Scientific Co-operation, 1963-64. Signed June 10, 1963; in force July 1, 1963. Program for 1965-66, December 18, 1964; in force January 1, 1965. **Termination:** unknown. **Source:** DI 18:388; 19:250. **Note:** This includes references to nuclear co-operation. There may be a series of such exchanges between the two states.
0795. **POLAND** (Commissariat for the Use of Atomic Energy) and **ITALY** (Comitato Nazionale per l'Energia Nucleare). Co-operation in the Peaceful Use of Atomic Energy. Signed June 21, 1963. **Termination:** unknown. **Source:**

GAK 854-7210. Giuliano p. 356.

0926. **POLAND** (Commissariat for the Use of Atomic Energy) and **ITALY** (Comitato Nazionale per l'Energia Nucleare). Co-operation in the Peaceful Uses of Nuclear Energy for 1966-1967. Signed November 30, 1965. **Termination:** unknown. **Source:** GAK 854-7260.
2118. **POLAND** and **KOREA (DPRK)**. Protocol on Scientific and Technical Co-operation. Signed August 13, 1973. **Termination:** 1974?. **Source:** Szal, pp. 8, 50-51. **Note:** This is reported to have included a provision for training 3 North Korean personnel in the field of nuclear technology. It was a protocol to the 2nd session of the Polish-Korean intergovernmental scientific and technical co-operation subcommittee, specifying areas of co-operation for 1973-1974
1303. **POLAND** and **LITHUANIA**. Treaty on Friendly Relations and Good-Neighborly Co-operation. Signed April 26, 1994; in force November 26, 1994. **Termination:** indefinite duration. **Source:** FBIS-SOV-94-093, May 13, 1994. UNTS 31485. **Note:** This includes references both to export controls with respect to weapons of mass destruction and co-operation in cross-border pollution, including by radioactive substances.
1424. **POLAND** and **LITHUANIA**. Agreement on Early Notification and Co-operation on Nuclear Safety and Radiation Protection. Signed June 2, 1995. **Termination:** unknown. **Source:** NLB 56:101.
1606. **POLAND** and **LITHUANIA**. Agreement on Transboundary Co-operation. Signed September 16, 1995; in force May 14, 1996. **Termination:** indefinite duration. **Source:** UNTS 33416. **Note:** Article 4 includes co-operation in the event of disasters, including accidents at nuclear power plants.
2165. **POLAND** and **LITHUANIA**. Agreement on Early Notification of Nuclear Accidents, Exchange of Information and Co-operation in the Field of Nuclear Safety and Radiation Protection. Signed October 3, 2002. **Termination:** unknown. **Source:** IAEA-CNPP Lithuania 2004.
0856. **POLAND** and **NORWAY**. Cultural Agreement. Signed October 13, 1967. **Termination:** unknown. **Source:** GAK 854-7310. **Note:** This includes co-operation in the field of nuclear research.
1268. **POLAND** and **PAKISTAN**. Nuclear Co-operation Agreement. Signed around 1970. **Termination:** unknown. **Source:** Potter p. 223.
0428. **POLAND** and **ROMANIA**. Collaboration in the Field of the Uses of Atomic Energy for Peaceful Purposes. Signed November 14, 1960. **Termination:** unknown. **Source:** GAK 854-7130. Referenced in agreement of February 23, 1972, sequence number 0429. **Note:** Superseded by the agreement of February 23, 1972, sequence number 0429.

0429. **POLAND** and **ROMANIA**. Collaboration in the Field of the Uses of Atomic Energy for Peaceful Purposes. Signed February 23, 1972. **Termination:** indefinite duration. **Source:** Rom 1972/468. **Note:** This supersedes the agreement of November 14, 1960, sequence number 0428.
0252. **POLAND** and **RUSSIA** (USSR). Agreement on Aid in Developing Research in Physics of the Atomic Nucleus and in Utilization of Atomic Energy for Needs of the National Economy. Signed April 23, 1955; in force April 23, 1955. **Termination:** no specific provision. **Source:** USSR 1958. Rohn 454078.
0870. **POLAND** and **RUSSIA** (USSR). Technical Aid in the Peaceful Uses of Atomic Energy. Signed January 22, 1958. Amended December 3, 1961. **Termination:** June 19, 1967. **Source:** GS pp. 4, 160. GAK 854-7050, 854-7052. Rohn 469492, 469808. **Note:** Superseded by the agreement of June 20, 1967, sequence number 0348.
0871. **POLAND** and **RUSSIA** (USSR). Mutual Aid and Co-operation in the Utilization of Nuclear Energy. Signed July 7, 1961. **Termination:** unknown. **Source:** GS p. 151. GAK 854-7140. Rohn 469787.
0348. **POLAND** and **RUSSIA** (USSR). Further Co-operation in the Field of the Utilization of Atomic Energy for Peaceful Purposes. Signed June 20, 1967; in force June 20, 1967. **Termination:** no specific provision. **Source:** STS 1583. Rohn 564278. **Note:** This supersedes the agreement of January 22, 1958, sequence number 0870.
0350. **POLAND** and **RUSSIA** (USSR). Agreement on Building an Atomic Power Plant in Poland. Signed February 28, 1974; in force February 28, 1974. **Termination:** April 13, 1983. **Source:** STS 2243. G p.9. **Note:** Superseded by agreement of April 14, 1983, sequence number 0349.
0351. **POLAND** and **RUSSIA** (USSR). Co-operation in the Production of Equipment for Atomic Power Plants. Signed April 24, 1974; in force April 24, 1974. **Termination:** no specific provision. **Source:** STS 2244. G p. 19.
1018. **POLAND** and **RUSSIA** (USSR). Assistance to Poland in Construction of an Atomic Power Station. Announced July 9, 1974. **Termination:** unknown. **Source:** G p. 38.
1434. **POLAND** and **RUSSIA** (USSR). Construction of a Nuclear Power Plant in the USSR for Energy in Poland. Signed March 29, 1979. **Termination:** unknown. **Source:** UWTRC 808049.
0349. **POLAND** and **RUSSIA** (USSR). Agreement on Atomic Power Station. Signed April 14, 1983; in force April 14, 1983. **Termination:** no specific provision. **Source:** STS 4016. **Note:** This supersedes the agreement of February 28, 1974, sequence number 0350.

0173. **POLAND** and **RUSSIA** (USSR). Long-Term Program for Economic and Scientific-Technical Co-operation for the Period Ending in 2000. Signed May 4, 1984; in force May 4, 1984. **Termination:** December 31, 2000. **Source:** RSP May 31, 1984 p. 39. CDSP 36:19:14-15. **Note:** The agreement includes nuclear electricity generation as one area of co-operation.
1432. **POLAND** and **RUSSIA**. Agreement on Early Notification and Co-operation on Nuclear Safety and Radiation Protection. Signed February 15, 1995; in force May 18, 1995. **Termination:** unknown. **Source:** NLB 56:101-102.
0887. **POLAND** and **SWEDEN**. Co-operation in the Peaceful Uses of Atomic Energy. Signed 1964. **Termination:** unknown. **Source:** GAK 891-7110.
1433. **POLAND** (Atomic Energy Agency) and **UKRAINE** (State Committee on Nuclear and Radiation Safety). Early Notification of Nuclear Accidents and Information Exchange on Nuclear Safety and Radiation Protection. Signed May 24, 1993; applied on date of signature pending entry into force. **Termination:** unknown. **Source:** NLB 52:81.
1019. **POLAND** (Institute of Nuclear Research) and **UNITED STATES** (Brookhaven National Laboratory). One-Year Exchange of Scientists. Signed 1962. **Termination:** unknown. **Source:** AEC 1962.
1435. **POLAND** and **UNITED STATES**. Co-operation concerning Peaceful Uses of Nuclear Energy. Signed September 18, 1991; in force September 3, 1992. **Termination:** September 2, 2022. **Source:** TIAS 12435. KAV 3264. USTF 1993, 1994.
0375. **POLAND** and **YUGOSLAVIA**. Scientific and Technical Co-operation. Signed December 17, 1956. **Termination:** Unknown. (Yugoslavia dissolved in 1991.) **Source:** Dodatak 1957/123. **Note:** Some nuclear co-operation may eventually take place under this.
0377. **POLAND** and **YUGOSLAVIA**. Co-operation in the Field of the Peaceful Uses of Nuclear Energy. Signed April 4, 1957 (and plan for 1957); in force 1957. Plan for 1958 signed May 29, 1958. Plan for 1959-60 signed June 8, 1959. Plan for 1960-61 signed October 21, 1960. Plan for 1962 signed October 14, 1961. Plan for 1963-64 signed December 14, 1962. Plan for 1965-66 signed April 12, 1965. Plan for 1967-68 signed October 11, 1967. **Termination:** unknown. (Yugoslavia dissolved in 1991.) **Source:** GAK 854-7030, 854-7090, 854-7150, 854-7180, 854-7240. Pregled 2019, 2319, 2864, 3155, 3455, 4175. Dodatak 1958/18, 1964/45. Rohn 458048, 594214.
0376. **POLAND** and **YUGOSLAVIA**. Technical Co-operation. Signed October 28, 1972. **Termination:** unknown. (Yugoslavia dissolved in 1991.) **Source:** Dodatak 1975/4. **Note:** This includes nuclear co-operation.

PORTUGAL

0489. **PORTUGAL** (Laboratório Nacional de Engenharia e Tecnologia Industrial) and **BELGIUM** (Centre d'Etude de l'Energie Nucléaire/Studiecentrum voor Kernenergie). Research and Surveillance Program on the Radioactive Waste Dumping Site in the North-East Atlantic. Signed December 9, 1981; in force December 9, 1981. **Termination:** December 8, 1984. **Source:** NLB 30:37. NTIS DE 83-704414.
0110. **PORTUGAL** and **BRAZIL**. Co-operation in the Peaceful Uses of Nuclear Energy. Signed June 18, 1965; in force March 21, 1968. **Termination:** March 20, 1988. **Source:** UNTS 11957. DAI.
1295. **PORTUGAL** and **EUROPEAN UNION** (European Community). Protocol No. 22 on the Exchange of Information with Portugal in the Field of Nuclear Energy. Signed June 12, 1985. **Termination:** indefinite duration. **Source:** UKTS 1985/27.
1181. **PORTUGAL** (Junta de Energia Nuclear) and **FRANCE** (Commissariat à l'Energie Atomique). Accord for Co-operation in the Use of Nuclear Energy for Peaceful Purposes. Signed November 16, 1972. **Termination:** unknown. **Source:** referenced in the agreement of November 27, 1980, sequence number 0672.
0672. **PORTUGAL** (Laboratório Nacional de Engenharia e Tecnologia Industrial) and **FRANCE** (Commissariat à l'Energie Atomique). Scientific and Technical Co-operation in the Peaceful Uses of Nuclear Energy. Signed November 27, 1980; in force November 27, 1980. Protocol October 9, 1981; in force October 9, 1981. **Termination:** November 26, 1990. **Source:** CEA 1980. NLB 30:37-38. NTIS DE83-704406.
0875. **PORTUGAL** and **SPAIN**. Preparation of a Joint Nuclear Power Plant. Signed November 1964. **Termination:** unknown. **Source:** GAK 856-7090.
0876. **PORTUGAL** and **SPAIN**. Peaceful Uses of Atomic Energy. Signed January 14, 1971. **Termination:** unknown. **Source:** NLB 8:35; 20:32. Rohn 459999. **Note:** The agreement was initially of five years duration, but was still in force in 1977. See also the agreements of March 31, 1980, sequence number 0877, and March 17, 1982, sequence number 0878.
0877. **PORTUGAL** (Bureau for Nuclear Protection and Safety) and **SPAIN** (Junta de Energía Nuclear). Protocol on Co-operation in Nuclear Safety. Signed March 31, 1980; in force March 31, 1980. **Termination:** indefinite duration. **Source:** NLB 25:39-40. NTIS INIS-mf-6155. **Note:** This is further to the agreement of January 14, 1971, sequence number 0876.
1020. **PORTUGAL** and **SPAIN**. Co-operation in the Safety of Nuclear Installations in Border Areas. Signed March 31, 1980; in force July 13, 1981. **Termina-**

tion: indefinite duration. **Source:** NLB 25:39-40. RE 34:192. IAEA p. 404. NTIS INIS-mf-6156. UNTS 20356. **Note:** See also the agreement of March 31, 1980, sequence number 1021.

1021. **PORTUGAL** (Bureau for Nuclear Protection and Safety) and **SPAIN** (Junta de Energía Nuclear). Protocol Concerning Technical Information on Nuclear Installations in Border Areas. Signed March 31, 1980; in force July 13, 1981. **Termination:** indefinite duration. **Source:** NLB 25:39-41. RE 34:192. NTIS INIS-mf-6157. **Note:** This remains in force for the same period as the agreement of March 31, 1980, sequence number 1020.

0878. **PORTUGAL** (Laboratório Nacional de Engenharia e Tecnologia Industrial) and **SPAIN** (Junta de Energía Nuclear). Supply and Transfer of Uranium Extraction Technology. Signed March 17, 1982; in force March 17, 1982. **Termination:** indefinite duration. **Source:** NLB 30:38. NTIS DE83-704412. **Note:** This is further to the agreement of January 14, 1971, sequence 0876.

0051. **PORTUGAL** and **UNITED KINGDOM**. Co-operation in the Peaceful Uses of Atomic Energy. Signed July 18, 1958; in force July 18, 1958. Amended July 16, 1968; in force July 16, 1968. Amended July 17, 1969; in force July 17, 1969. Amended October 10, 1969; in force October 10, 1969. Amended April 16, 1970; in force April 16, 1970. Amended October 16, 1970; in force October 16, 1970. Amended April 16, 1971; in force April 16, 1971. **Termination:** October 17, 1971. **Source:** UNTS 4532. UKTS 1958/30, 1968/101, 1969/107, 1970/4, 1970/57, 1971/7, 1971/57.

0019. **PORTUGAL** and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed July 21, 1955; in force July 21, 1955. Amended June 7, 1957; in force September 19, 1957. Amended June 11, 1960; in force July 19, 1960. Amended May 28, 1962; in force July 20, 1962. Amended August 11, 1964; in force November 6, 1964. **Termination:** July 18, 1969. **Source:** UNTS 3386. TIAS 3317, 3899, 4519, 5111, 5679. **Note:** Superseded by agreement of July 3, 1969, sequence number 0095.

0095. **PORTUGAL** and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed July 3, 1969; in force July 19, 1969. **Termination:** June 25, 1974. **Source:** UNTS 10337. TIAS 6717. **Note:** This supersedes the agreement of July 21, 1955, sequence number 0019. Superseded by agreement of May 16, 1974, sequence number 0124.

0124. **PORTUGAL** and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed May 16, 1974; in force June 26, 1974. **Termination:** April 11, 1996. **Source:** UNTS 13631. TIAS 7844. **Note:** Superseded by the European Community-US agreement of November 7, 1995, sequence number 1297.

QATAR

0391. **QATAR** and **FRANCE**. Economic and Financial Co-operation. Signed December 16, 1974. **Termination:** no specific provision. **Source:** RTF 1973-75, 2e Série, 4e Vol. 497. **Note:** Nuclear energy for electricity or desalination is one area of co-operation.
2038. **QATAR** and **FRANCE**. Nuclear Co-operation Agreement. Reported January 7, 2008. **Termination:** unknown. **Source:** WMDI 24. WNC 20080114.

ROMANIA

0405. **ROMANIA** (Comitetul pentru Energia Nucleara) and **ARGENTINA** (Comisión Nacional de Energía Atómica). Co-operation in the Peaceful Uses of Atomic Energy. Signed December 4, 1972; in force December 4, 1972. Protocol for 1974-75, September 16, 1974. **Termination:** unknown. **Source:** AR, 1974:464. Rohn 402018.
0454. **ROMANIA** and **ARGENTINA**. Co-operation in the Field of the Peaceful Uses of Nuclear Energy. Signed December 4, 1978. **Termination:** unknown. **Source:** AM 1979.
1849. **ROMANIA** (ROMENERGO) and **ARGENTINA** (Comisión Nacional de Energía Atómica). Contract for Equipment for Manufacture of CANDU-Type Fuel. Signed mid-1984. **Termination:** unknown. **Source:** Ornstein p. 43. **Note:** ROMENERGO is a state-owned electric power utility.
1072. **ROMANIA** and **ARGENTINA**. Accord on the Peaceful Use of Nuclear Power. Signed November 27, 1990; in force July 29, 1993. **Termination:** indefinite duration. **Source:** FBIS-EEU November 29, 1990. NLB 53:108. Ornstein p. 54. **Note:** See also the agreement of July 15, 1999, sequence number 1642.
1642. **ROMANIA** (National Commission for the Control of Nuclear Activities) and **ARGENTINA** (Comisión Nacional de Energía Atómica). Memorandum of Understanding for Co-operation in the Peaceful Uses of Nuclear Energy. Signed July 15, 1999; in force May 8, 2000. **Termination:** unknown. **Source:** CNEA 50th. NLB 66:60. IAEA-CNPP Romania 2002. **Note:** This is under the agreement of November 27, 1990, sequence number 1072.
0222. **ROMANIA** and **BELGIUM**. Co-operation in the Peaceful Utilization of Nuclear Energy. Signed January 29, 1974; in force June 15, 1974. **Termination:** indefinite duration. **Source:** UNTS 16203.
0416. **ROMANIA** and **BULGARIA**. Co-operation in the Area of the Peaceful Uses of Atomic Energy. Signed May 12, 1972. **Termination:** indefinite duration. **Source:** Rom 1972/1453.

1103. **ROMANIA** and **BULGARIA**. Anti-Pollution Protocol [safety]. Signed July 4, 1990. **Termination:** unknown. **Source:** FBIS-EEU July 9, 1990. **Note:** This includes monitoring Bulgarian nuclear power stations.
1353. **ROMANIA** and **BULGARIA**. Agreement on Early Notification of a Nuclear Accident and on the Exchange of Information. Signed May 28, 1997. **Termination:** unknown. **Source:** NLB 60:105.
0141. **ROMANIA** and **CANADA**. Co-operation in the Development and Application of Atomic Energy for Peaceful Purposes. Signed October 24, 1977; in force June 14, 1978. Exchange of Notes October 12, 1994; in force October 12, 1994. **Termination:** indefinite duration. **Source:** UNTS 17725. CTS 1978/10, 1994/23. **Note:** See also the agreement of May 23, 2000, sequence number 1668.
1316. **ROMANIA** and **CANADA**. Long-Term Agreement to Promote and Develop Economic and Industrial Co-operation. Signed May 19, 1981; in force September 24, 1982. **Termination:** September 23, 1992. **Source:** UNTS 24870. **Note:** This refers to the promotion of co-operation in areas already under consideration, including nuclear energy.
1495. **ROMANIA** (Nuclear Regulatory Commission) and **CANADA** (Atomic Energy Control Board). Agreement. Announced July 8, 1993. **Termination:** unknown. **Source:** AECB-C, 1994.
1898. **ROMANIA** (National Commission for Nuclear Activities Control) and **CANADA** (Atomic Energy Control Board). Protocol of Understanding on Co-operation in the Nuclear Safety Domain. Signed June 23, 1997; in force May 25, 1998. **Termination:** unknown. **Source:** IAEA-CNNP Romania 2002.
1668. **ROMANIA** (National Commission for the Control of Nuclear Activities) and **CANADA** (Atomic Energy Control Board). Administrative Agreement Implementing the Agreement for Co-operation in the Development and Application of Atomic Energy for Peaceful Purposes. Signed May 23 and 29, 2000. **Termination:** unknown. **Source:** NLB 66:62. IAEA-CNPP Romania 2002. **Note:** This comes under the agreement of October 24, 1977, sequence number 0141.
1899. **ROMANIA** (National Commission for the Control of Nuclear Activities) and **CANADA** (Canadian Nuclear Safety Commission). Co-operation and Exchange of Information in Nuclear Regulatory Affairs. Signed 2003-2004. **Termination:** unknown. **Source:** CNSC 2003-4.
1134. **ROMANIA** and **CHINA (PRC)**. Nuclear Co-operation Agreement. Signed 1984. **Termination:** unknown. **Source:** Potter p. 255.
0562. **ROMANIA** and **CZECH REPUBLIC** (Czechoslovakia). Co-operation Concerning Peaceful Uses of Nuclear Energy. Signed August-October 1967.

Termination: unknown. **Source:** GAK 870-7220.

1160. **ROMANIA** and **EUROPEAN UNION** (European Community). Agreement on Trade and Commercial and Economic Co-operation. Signed October 22, 1990; in force May 1, 1991. **Termination:** January 31, 1995. **Source:** NLB 48:66. IKTS 1991/30. UNTS 33523. IAEA-CNPP Romania 2002. **Note:** IAEA-CNPP Romania 2002 gives the date in force as March 15, 1991. This includes co-operation in nuclear energy and nuclear safety. It is superseded by the agreement of February 1, 1993, sequence number 1570.
1570. **ROMANIA** and **EUROPEAN UNION** (European Community). Agreement of Association. Signed February 1, 1993; in force February 1, 1995. **Termination:** indefinite duration. **Source:** UNTS 32005. **Note:** Articles 79 and 80 refer to nuclear co-operation. **Note:** This supersedes the agreement of October 22, 1990, sequence number 1160.
0674. **ROMANIA** (Comitetul pentru Energia Nuclear) and **FRANCE** (Commissariat à l'Energie Atomique). Agreement and Protocol on Co-operation. Signed December 15, 1966. Protocol Concerning Exchanges, signed April 1968. Protocol for Co-operation for 1971-72, signed July 30, 1971. Protocol of Collaboration for 1974-75, signed November 8, 1974. **Termination:** unknown. **Source:** CEA 1966, 1968, 1971, 1974. GAK 870-7200.
1182. **ROMANIA** and **FRANCE**. Agreement on Economic, Cultural and Scientific Relations. Signed February 2, 1967. Protocol for 1968-69, signed April 6, 1968. **Termination:** unknown. **Source:** K 1968:22806. **Note:** This includes nuclear co-operation.
1183. **ROMANIA** and **FRANCE**. Agreement on Economic, Scientific and Technical Co-operation. Signed January 17, 1969; in force March 24, 1969. **Termination:** indefinite duration. **Source:** NBF 1015:20; 1027:18. RTAF 1970/39. **Note:** The commission created by this agreement agreed to study the peaceful use of nuclear energy.
2039. **ROMANIA** and **FRANCE**. Joint Statement on the Implementation of a Strategic Partnership. Signed February 4, 2008. **Termination:** 2013. **Source:** WNC 20080205. **Note:** This includes nuclear energy.
0355. **ROMANIA** and **GERMAN DEMOCRATIC REPUBLIC**. Co-operation in Peaceful Uses of Atomic Energy. Signed November 12, 1959; in force February 13, 1960. **Termination:** indefinite duration (the German Democratic Republic ceased to exist as of the end of October 2, 1990). **Source:** DDR Vol. 7, 1959, p.443.
1206. **ROMANIA** and **GERMANY, FEDERAL REPUBLIC OF**. Nuclear Co-operation. Noted 1969. **Termination:** unknown. **Source:** IAEA GC (XIII)/INF/113/Rev. 1, p. 14.

0740. **ROMANIA** (Comitetul pentru Energia Nucleara) and **GERMANY, FEDERAL REPUBLIC OF** (Federal Minister for Research and Technology). Peaceful Use of Nuclear Energy. Signed June 29, 1973; in force June 29, 1973. **Termination:** indefinite duration. **Source:** FRGB 1973:1484.
1716. **ROMANIA** (National Committee for Nuclear Activities Control) and **GERMANY, FEDERAL REPUBLIC OF** (Gesellschaft für Anlagen und Reaktorsicherheit (GRS) mbH). Agreement on Co-operation and Information Exchange in the Field of Nuclear Safety. Signed November 10, 1998; in force February 18, 1999. **Termination:** February 17, 2004. **Source:** NLB 65:62. IAEA-CNPP Romania 2002. **Note:** IAEA-CNPP Romania 2002 gives the date in force as February 23, 1999.
1220. **ROMANIA** and **GREECE**. Treaty of Friendship, Co-operation and Good Neighbourhood. Signed November 28, 1991. **Termination:** twenty years duration. **Source:** FBIS-EEU November 29, 1991. **Note:** This includes a reference to co-operation in the peaceful use of nuclear energy.
1419. **ROMANIA** and **GREECE**. Agreement on Early Notification of a Nuclear Accident and Exchange of Information on Nuclear Installations. Signed March 10, 1995; in force March 23, 1995. **Termination:** unknown. **Source:** NLB 55:54. IAEA-CNPP Romania 2002. **Note:** This includes exchange of information on the development of peaceful uses of nuclear energy.
1420. **ROMANIA** (National Committee for Control of Nuclear Activities) and **GREECE** (Atomic Energy Commission). Agreement on Early Notification of a Nuclear Accident and Exchange of Information on Nuclear Facilities. Signed December 22, 1997; in force May 25, 1998. **Termination:** unknown. **Source:** NLB 61:100. IAEA-CNPP Romania 2002.
2055. **ROMANIA** and **HUNGARY**. Agreement on Early Notification of Nuclear Accidents. Signed May 26, 1997; in force October 3, 1997. **Termination:** unknown. **Source:** IAEA-CNNP Romania 2002.
2056. **ROMANIA** (National Commission for Nuclear Activity Control) and **HUNGARY** (Authority for Atomic Energy). Protocol on Co-operation and Information Exchange in the Nuclear Safety Domain. Signed June 12, 1997; in force May 25, 1998. **Termination:** unknown. **Source:** IAEA-CNNP Romania 2002.
2057. **ROMANIA** and **HUNGARY** (Authority for Atomic Energy). Agreement on Early Notification of Nuclear Accidents. In force February 24, 1998. **Termination:** unknown. **Source:** IAEA-CNNP Hungary 2003. IAEA-CNNP Romania 2002.
0421. **ROMANIA** and **INDIA**. Co-operation in the Peaceful Uses of Atomic Energy. Signed August 30, 1971. **Termination:** indefinite duration. **Source:** Rom 1971/1451. India Bilaterals.

0424. **ROMANIA** and **ITALY**. Program of Exchanges in the Sectors of Culture, Arts, Science, Technology, Education and Sport, April 1, 1962-June 30, 1963. Signed March 15, 1961; in force April 1, 1962. **Termination:** June 30, 1963. **Source:** DI 17:387. **Note:** This mentions co-operation between the atomic energy agencies of the two states. It appears to be one of a series of such exchange agreements between the two states.
0243. **ROMANIA** and **ITALY**. Technical and Scientific Co-operation. Signed June 16, 1964; in force March 30, 1965. Protocol creating a Joint Commission February 4, 1966; in force February 4, 1966. **Termination:** indefinite duration. **Source:** UNTS 8150. DI 21:293. **Note:** The protocol creating the Joint Commission under this agreement included nuclear co-operation as an area.
0796. **ROMANIA** (Comitetul pentru Energia Nucleara) and **ITALY** (Comitato Nazionale per l'Energia Nucleare). Co-operation in the Field of Nuclear Energy. Signed May 28, 1969. **Termination:** unknown. **Source:** GAK 870-7280.
1521. **ROMANIA** and **KOREA (ROK)**. Agreement on Nuclear Co-operation. Signed mid-March 1993. **Termination:** unknown. **Source:** NPR 2:1:150.
1746. **ROMANIA** (National Committee for Nuclear Activities) and **KOREA (ROK)** (Korea Institute of Nuclear Safety). Memorandum of Understanding for Co-operation in Nuclear Safety. Signed September 21, 1996; in force November 11, 1996 **Termination:** unknown. **Source:** KINS. IAEA-CNPP Romania 2002.
2119. **ROMANIA** (Ministry of Energy and Commerce) and **KOREA (ROK)** (Ministry of Commerce, Industry and Energy). Memorandum of Understanding on Co-operation in Nuclear Energy Projects. Signed July 21, 2003. **Termination:** indefinite duration. **Source:** NTI: S. Korea. NLB 72: 72. **Note:** This concerns co-operation in the construction of additional phases of the Cernavoda Nuclear Power Plant.
2120. **ROMANIA** and **KOREA (ROK)**. Peaceful Uses of Nuclear Energy in Industry, Research and Development. Signed February 3, 2004. **Termination:** unknown. **Source:** WNC 20040213.
2121. **ROMANIA** and **KOREA (ROK)**. Agreement on Co-operation in Nuclear Power Generation. Announced September 6, 2006. **Termination:** unknown. **Source:** WNC 20060906. **Note:** This is part of the Joint Declaration on Strategic Partnership, signed on September 6, 2006. It is not clear if it is a formal agreement or a statement. However, there was a protocol signed on co-operation in science, technology and innovation.
1269. **ROMANIA** and **PAKISTAN**. Nuclear Co-operation Agreement. Signed January 1973. **Termination:** unknown. **Source:** Potter p. 223. S & R: 41.
0428. **ROMANIA** and **POLAND**. Collaboration in the Field of the Uses of Atomic

Energy for Peaceful Purposes. Signed November 14, 1960. **Termination:** unknown. **Source:** GAK 854-7130. Referenced in the agreement of February 23, 1972, sequence number 0429. **Note:** Superseded by the agreement of February 23, 1972, sequence number 0429.

0429. **ROMANIA** and **POLAND**. Collaboration in the Field of the Uses of Atomic Energy for Peaceful Purposes. Signed February 23, 1972. **Termination:** indefinite duration. **Source:** Rom 1972/468. **Note:** This supersedes the agreement of November 14, 1960, sequence number 0428.
0253. **ROMANIA** and **RUSSIA** (USSR). Agreement on Aid in Developing Research in Physics of the Atomic Nucleus and in Utilization of Atomic Energy for Needs of the National Economy. Signed April 22, 1955; in force April 22, 1955. **Termination:** no specific provision. **Source:** USSR 1958. Rohn 468390.
0879. **ROMANIA** and **RUSSIA** (USSR). Co-operation Concerning Peaceful Uses of Atomic Energy. Signed April 19, 1962. **Termination:** unknown. **Source:** GS p. 175. GAK 870-7100. Rohn 469834.
0342. **ROMANIA** and **RUSSIA** (USSR). Building a Reactor in Romania. Signed May 26, 1970; in force May 26, 1970. Amended December 30, 1974; in force December 30, 1974. **Termination:** no specific provision. **Source:** STS 1758, 2247. G p. 62. Rohn 564462.
1022. **ROMANIA** and **RUSSIA** (USSR). Co-operation in Production of Equipment for Nuclear Power Stations. Signed August 19, 1977; in force August 19, 1977. **Termination:** unknown. **Source:** G p. 225.
0344. **ROMANIA** and **RUSSIA** (USSR). Co-operation in Building an Atomic Power Plant in the USSR. Signed July 1, 1981; in force July 1, 1981. **Termination:** June 30, 2001. **Source:** STS 2944.
0343. **ROMANIA** and **RUSSIA** (USSR). Co-operation in the Construction of an Atomic Power Plant in Romania. Signed September 9, 1982; in force December 31, 1982. **Termination:** no specific provision. **Source:** STS 3039.
2178. **ROMANIA** and **RUSSIA**. Agreement on Notification of Nuclear Accidents and Exchange of Information about Nuclear Installations. Reported October 19, 2001. **Termination:** unknown. **Source:** NN 20011022.
1760. **ROMANIA** (National Commission for the Control of Nuclear Activities) and **SLOVAK REPUBLIC** (Nuclear Regulatory Authority). Agreement on Early Notification of Nuclear Accidents and Information Exchange on Nuclear Facilities. Signed February 19, 2002. **Termination:** indefinite duration. **Source:** NLB 71:85-86.
2179. **ROMANIA** (National Commission on the Control of Nuclear Activities) and

- UKRAINE** (State Nuclear Regulatory Commission). Agreement on Early Notification of Nuclear Accidents and Exchange of Information in the Field of Nuclear and Radiation Safety. Signed September 22, 2004. **Termination:** unknown. **Source:** NLB 74: 80.
0254. **ROMANIA** and **UNITED KINGDOM**. Supply of Certain Nuclear Research Material and Equipment to Romania. Signed July 16, 1968; in force July 16, 1968. **Termination:** no specific provision. **Source:** UNTS 9710. UKTS 1969/33.
0256. **ROMANIA** and **UNITED KINGDOM**. Long-Term Agreement on Economic Collaboration and Industrial and Technological Co-operation. Signed September 18, 1975; in force September 18, 1975. **Termination:** indefinite duration. **Source:** UNTS 14939. **Note:** Nuclear energy is one area of interest in this agreement.
0255. **ROMANIA** and **UNITED KINGDOM**. Co-operation in the Peaceful Uses of Atomic Energy. Signed September 18, 1975; in force January 22, 1976. **Termination:** indefinite duration. **Source:** UNTS 14940. UKTS 1976/30.
0880. **ROMANIA** (Comitetul pentru Energia Nuclear) and **UNITED STATES** (Atomic Energy Commission). Co-operation in Peaceful Uses of Atomic Energy 1967-1968. Signed February 18, 1967. Amended November 22 and 26, 1968; in force January 1, 1969. Amended September 21, 1971. Extended March 27 and November 13, 1973. **Termination:** unknown. **Source:** GAK 870-7210, 925-2775. AEC 1968, 1969, 1971. Referenced in a series of US-Romania general exchange agreements, UNTS 10402, 11059, 12834 and 26531, and in TIAS 10862.
0136. **ROMANIA** and **UNITED STATES**. Agreement Relating to Atomic Energy: Uranium Supply for a TRIGA Reactor. Signed February 13, 1978; in force February 13, 1978. **Termination:** no specific provision. **Source:** UNTS 17407. TIAS 8992.
1762. **ROMANIA** and **UNITED STATES**. Agreement concerning Peaceful Uses of Nuclear Energy. Signed July 15, 1998; in force August 25, 1999. **Termination:** August 24, 2029. **Source:** NLB 64:70-71. USTF 2001. Carnegie. IAEA-CNPP Romania 2002. **Note:** IAEA-CNPP gives date in force as June 25, 1999.
1613. **ROMANIA** (Ministry of Industry and Commerce, Institute for Nuclear Research Potesti and Regia Autonoma pentru Activitati Nucleare) and **UNITED STATES** (Department of Energy). Arrangement for Information Exchange and Co-operation in the Area of Peaceful Uses of Atomic Energy. Signed March 29, 1999; in force March 29, 1999. **Termination:** March 28, 2004. **Source:** US DOE.
2180. **ROMANIA** (National Commission for the Control of Nuclear Activities) and

UNITED STATES (Nuclear Regulatory Commission). Agreement on Exchange of Information and Co-operation in the Field of Nuclear Security. Reported September 27, 2000. **Termination:** unknown. **Source:** WNC 20000927.

0882. **ROMANIA** and **YUGOSLAVIA**. Scientific and Technical Co-operation in the Field of Peaceful Uses of Nuclear Energy. Signed September 16, 1967. **Termination:** unknown. (Yugoslavia dissolved in 1991.) **Source:** GAK 870-7230. Rohn 594215.

0430. **ROMANIA** and **YUGOSLAVIA**. Long-Term Program of Economic and Technical-Scientific Co-operation. Signed October 24, 1980. **Termination:** indefinite duration. (Yugoslavia dissolved in 1991.) **Source:** RomCol 1981/67. **Note:** Nuclear energy is one area of co-operation.

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0433. **RUSSIA** (USSR) and **AFGHANISTAN**. Co-operation in the Utilization of Atomic Energy for Peaceful Purposes. Signed September 5, 1963; in force March 11, 1964. **Termination:** unknown. **Source:** GS p. 228. Rohn 564080.

1832. **RUSSIA** and **ALGERIA**. Memorandum on Energy Engineering Co-operation. Signed January 2007. **Termination:** unknown. **Source:** WNC 20070124. NN 20070530. **Note:** This seems to focus on energy engineering – oil, gas, nuclear – more generally.

0353. **RUSSIA** (USSR) and **ARGENTINA**. Economic, Commercial and Scientific-Technical Co-operation. Signed February 13, 1974; provisionally in force February 13, 1974, and definitively from August 11, 1977. **Termination:** indefinite duration. **Source:** AR 1974:90. STS 2484. G p. 6. **Note:** Nuclear energy is one area of co-operation mentioned in the Spanish text.

1075. **RUSSIA** (USSR) and **ARGENTINA**. Nuclear Support Agreement. Signed 1980. **Termination:** unknown. **Source:** NTIS AD-A195-742/2. **Note:** This source indicates an agreement covering heavy water, machinery, fuel supply and other topics. IAEA INFCIRC/297 and 303 refer to supplies of heavy water by the Soviet Union. UNTS 20962, an agreement between Argentina and the IAEA on October 14, 1981, refers to supplies of heavy water from the USSR.

1076. **RUSSIA** (USSR) and **ARGENTINA**. Agreement on Co-operation in the Peaceful Use of Atomic Energy. Signed October 25, 1990; in force November 18, 1990. **Termination:** indefinite duration. **Source:** FBIS-SOV October 29, 1990. Ornstein p. 54. **Note:** Ornstein p. 54 indicates this is carried over to Russia.

1851. **RUSSIA** (USSR) and **ARGENTINA** (Comisión Nacional de Energía

- Atómica). Agreement for Enrichment of Uranium of Argentinean Origin. Signed April 1991. **Termination:** unknown. **Source:** Ornstein p. 38.
1850. **RUSSIA** (Ministry of Nuclear Energy) and **ARGENTINA** (Comisión Nacional de Energía Atómica). Programme for Co-operation for 2001-2003. Signed May 15, 2001. **Termination:** 2003. **Source:** WNC 20010516.
1490. **RUSSIA** and **ARMENIA**. Agreement on the Metsamor Nuclear Power Plant. Signed April 1993. Preliminary Agreement on Renovations, signed February 17, 1994. Agreement on a Committee to Oversee the Project, signed March 17, 1994. **Termination:** unknown. **Source:** NPR 1:2:134. NPR 2:1:160. CDSP 46:14:18. NTI: Armenia. **Note:** This concerns the "de-mothballing," re-starting and operation of the Armenian nuclear power station.
1856. **RUSSIA** (ROSENERGOATOM) and **ARMENIA** (Armenian Nuclear Power Plant). Agreement on Industrial and Technical-Scientific Co-operation. Signed 1996. **Termination:** unknown. **Source:** IAEA-CNNP Armenia 2004.
1857. **RUSSIA** and **ARMENIA**. Protocol of the Third Meeting of the Commission for Economic, Scientific and Technical Co-operation. Signed November 29, 1999. **Termination:** unknown. **Source:** WNC 19991129. WNC 19991208. **Note:** This commission includes energy co-operation. A protocol on financial and economic co-operation regarding the Armenian nuclear power station was signed around February 5, 2003, with an expiration date of September 2008. WNC 20030205. WNC 20071224.
1653. **RUSSIA** and **ARMENIA**. Co-operation Agreement on the Peaceful Uses of Nuclear Energy. Signed September 26, 2000. **Termination:** unknown. **Source:** NLB 67:61. NTI: Armenia. WNC 20000925. **Note:** WNC 20000925 gives the signature date as September 25, 2000.
1858. **RUSSIA** (Federal Agency for Atomic Energy) and **ARMENIA** (Ministry of Environmental Protection). Protocol of Intentions for the Exploration and Processing of Uranium Ore. Signed April 23, 2007. **Termination:** unknown. **Source:** WNC 20070423. **Note:** NTI: Armenia suggests this includes an action plan for 2007.
1859. **RUSSIA** (Federal Agency for Atomic Energy) and **ARMENIA**. Memorandum of Co-operation in Geological Prospecting and Development of Uranium in Armenia. Signed February 6, 2008. **Termination:** unknown. **Source:** WNC 20080206. ROSATOM February 6, 2008. **Note:** See also the agreement of April 22, 2008, sequence number 1860.
1866. **RUSSIA** and **ARMENIA**. Exchange of Notes on Armenian Participation in Angarsk International Uranium Enrichment Activity. Signed February 6, 2008. **Termination:** unknown. **Source:** PIR Angarsk Chronology.
1860. **RUSSIA** (ATOMREDMETZOLOTO) and **ARMENIA** (Ministry of Environ-

mental Protection). Agreement on Establishment of a Joint Enterprise for Uranium Exploration. Signed April 22, 2008. **Termination:** unknown. **Source:** WMC 20080422. **Note:** ATOMREDMETZOLOTO is described as a “daughter company” of ROSATOM, the Russian Federal Atomic Energy Agency. This appears to be a agreement to implement the agreement of February 6, 2008, sequence 1859.

1083. **RUSSIA** (USSR) and **AUSTRALIA**. Nuclear Co-operation Agreement. Signed February 15, 1990; in force December 24, 1990. **Termination:** indefinite duration. **Source:** USSR-PB(C) February 16, 1990. UNTS 28207. ATS 1990/43. NN 20070606. **Note:** This is carried over to Russia. This will terminate once the agreement of September 7, 2007, sequence number 1155, comes into force.
1155. **RUSSIA** and **AUSTRALIA**. Agreement on Cooperation in the Use of Nuclear Energy for Peaceful Purposes. Signed September 7, 2007. **Termination:** indefinite duration. **Source:** ATS 2007/28. **Note:** Once this comes into force, it will terminate the Australia-USSR agreement of February 15, 1990, sequence number 1083.
0910. **RUSSIA** (USSR) and **AUSTRIA**. Agreement on Early Notification of a Nuclear Accident and on the Exchange of Information Relating to Nuclear Facilities. Signed September 12, 1988; in force March 26, 1990. **Termination:** indefinite duration. **Source:** IAEA p. 49. NTIS DE 94601453/GAR. UNTS 33765. **Note:** Carried over between Austria and Russia and apparently Austria and Ukraine (see sequence number 1446), but terminated on August 17, 1998 between Austria and Ukraine, and superseded by the agreement of November 8, 1996, sequence number 1549.
1492. **RUSSIA** (Smolensk Power Station) and **BELARUS** (Ministry of Energy). Agreement. Signed May 10, 1994. **Termination:** unknown (5 years' duration). **Source:** NPR 2:1:154. **Note:** This is a nuclear technology and expertise exchange agreement.
1552. **RUSSIA** and **BELGIUM**. Treaty of Harmony and Co-operation. Signed December 8, 1993; in force January 22, 1998. **Termination:** indefinite duration. **Source:** UNTS 35957. **Note:** Article 11 refers to possible co-operation in the peaceful uses of nuclear energy.
1878. **RUSSIA** (Atomic Energy Ministry) and **BELGIUM** (Internal Affairs Ministry). Memorandum of Co-operation in the Sphere of the Peaceful Use of Nuclear Energy. Signed April 10, 2001. **Termination:** unknown. **Source:** WNC 20010410. **Note:** This includes nuclear safety, waste, decommissioning, and the use of weapons-grade nuclear materials for peaceful purposes
1100. **RUSSIA** (USSR) and **BRAZIL**. Nuclear Co-operation Agreement. Signed 1989. **Termination:** unknown. **Source:** PPNNP 9:3.

1348. **RUSSIA** and **BRAZIL**. Co-operation in the Peaceful Uses of Nuclear Energy. Signed September 15, 1994; in force March 27, 1996. **Termination:** indefinite duration. **Source:** NLB 56:97-98. UNTS 34811. DAI.
1493. **RUSSIA** and **BRAZIL**. Agreement. Signed October 22, 1995. **Termination:** unknown. **Source:** NPR 3:2:103. **Note:** This creates a bilateral commission for co-operation in the development of atomic energy, spacecraft and aircraft construction. See also the agreement of December 13, 2001, sequence number 1884.
1884. **RUSSIA** (Atomic Energy Ministry) and **BRAZIL** (Comissão Nacional de Energia Nuclear). Co-operation in the Peaceful Use of Atomic Energy. Reported December 13, 2001. **Termination:** unknown. **Source:** WNC 20011213. **Note:** This is signed at a meeting of a high bilateral commission for co-operation. This could link to the agreement of October 22, 1995, sequence number 1493.
1104. **RUSSIA** (USSR) and **BULGARIA**. Agreement for Assistance in Establishing Atomic Energy Institutions for Peaceful Purposes. Signed June 1955. **Termination:** unknown. **Source:** K 1955:14307.
0512. **RUSSIA** (USSR) and **BULGARIA**. Joint Declaration Concerning Political and Economic Relations. Signed February 20, 1957. **Termination:** unknown. **Source:** ST p. 378. **Note:** Bulgaria declares that it will continue to supply uranium to the USSR. K 1957:15449 reports an economic co-operation agreement signed on this date, including an agreement on the sale of uranium ore.
0327. **RUSSIA** (USSR) and **BULGARIA**. Co-operation in the Construction of an Atomic Power Station in Bulgaria. Signed July 15, 1966; in force July 15, 1966. Amended March 3, 1972; in force March 3, 1972. **Termination:** no specific provision. **Source:** STS 1342; 1995. Rohn 564237.
0081. **RUSSIA** (USSR) and **BULGARIA**. Further Development of Co-operation in the Peaceful Uses of Atomic Energy. Signed April 27, 1967; in force April 27, 1967. **Termination:** indefinite duration. **Source:** UNTS 8983.
0936. **RUSSIA** (USSR) and **BULGARIA**. Delivery of Equipment for the Second Stage of Bulgaria's Atomic Electric Power Station. Signed December 24, 1974. **Termination:** unknown. **Source:** G p. 61.
0937. **RUSSIA** (USSR) and **BULGARIA**. Co-operation in Co-producing Equipment for Atomic Power Plants. Signed July 22, 1975; in force July 22, 1975. **Termination:** unknown. **Source:** G p. 101.
0328. **RUSSIA** (USSR) and **BULGARIA**. Co-operation in Building Atomic Power Plants. Signed October 1, 1981; in force October 1, 1981. **Termination:** no specific provision. **Source:** STS 2917.

1354. **RUSSIA** and **BULGARIA**. Co-operation in Peaceful Uses of Nuclear Energy. Signed May 19, 1995. **Termination:** unknown. **Source:** NLB 56:98.
1355. **RUSSIA** and **BULGARIA**. Agreement on Co-operation in Nuclear Power (Energy) Production. Signed May 1995. **Termination:** unknown. **Source:** NLB 56:98. **Note:** NPR 3:1:135 states this includes construction of a nuclear power plant at Belene in Bulgaria, and will remain in force as long as the Kozloduy nuclear plants are operational. NLB 56:98 includes studies, site selection, operation and decommissioning, transport and storage of nuclear fuels, safety, accounting and control of nuclear material.
1356. **RUSSIA** (Federal Nuclear and Radiation Safety Authority) and **BULGARIA** (Committee on the Use of Atomic Energy for Peaceful Purposes). Co-operation in the Field of Nuclear Safety. Signed October 24, 1996; in force October 24, 1996. **Termination:** unknown. **Source:** NLB 59:67.
1889. **RUSSIA** and **BULGARIA**. Agreement on Nuclear Fuel Supply. Signed January 29, 1998. **Termination:** unknown. **Source:** WNC 19980129. WNC 19980130. **Note:** This may actually be a four-party agreement, involving Bulgaria, Russia, Ukraine and Moldova regarding the transportation of nuclear fuel.
1890. **RUSSIA** and **BULGARIA**. Agreements on the Nuclear Energy Industry. Signed May 31, 2002. **Termination:** unknown. **Source:** WNC 20020531.
2234. **RUSSIA** (USSR) (State Committee for the Utilization of Atomic Energy) and **CANADA** (Atomic Energy of Canada Ltd.). Agreement for Co-operation in the Peaceful Uses of Atomic Energy. Signed January 24, 1964; in force January 24, 1964. Protocol signed May 27, 1968. Extended May 27, 1973. Extended October 1988. **Termination:** indefinite duration. **Source:** UNTS 12498. **Note:** Under the terms of Article 2 of the Canada-USSR agreement of October 20, 1971, sequence number 0116, this agreement was deemed to be annexed to that agreement. According to a news release of the Soviet Embassy in Canada, November 6, 1989, the 1964 agreement was renewed in October, 1988.
0116. **RUSSIA** (USSR) and **CANADA**. General Exchange. Signed October 20, 1971; in force October 20, 1971. **Termination:** indefinite duration. **Source:** UNTS 12498. **Note:** Under the terms of Article 2 of this agreement, the Canada-USSR agreement of January 24, 1964, sequence number 2234, was deemed to be annexed to this agreement.
0939. **RUSSIA** (USSR) and **CANADA**. Co-operation in the Peaceful Uses of Nuclear Energy. Signed October 14, 1988; in force October 14, 1988. **Termination:** November 19, 1989. **Source:** CTS 1988/27. UNTS 31538. **Note:** Superseded by the agreement of November 20, 1989, sequence number 1111.
1111. **RUSSIA** (USSR) and **CANADA**. Co-operation in the Peaceful Uses of Nu-

clear Energy. Signed November 20, 1989; in force November 20, 1989. **Termination:** indefinite duration. **Source:** CTS 1989/27. **Note:** This supersedes the agreement of October 14, 1988, sequence number 0939. This seems to have been extended to Russia. CIRC April-June 1996. See the agreement of April 8, 1996, sequence number 1365.

1112. **RUSSIA (USSR) and CANADA.** Exchange of Notes on Nuclear Co-operation Involving the Enrichment of Uranium. Signed November 20, 1989; in force November 20, 1989. **Termination:** indefinite duration. **Source:** CTS 1989/26. **Note:** This arises from and is effective for the same period as the agreement of November 20, 1989, sequence number 1111. See the agreement of April 8, 1996, sequence number 1365.
1289. **RUSSIA and CANADA.** Treaty on Concord and Co-operation. Signed June 19, 1992; in force April 4, 1993. **Termination:** indefinite duration. **Source:** CTS 1993/23. UNTS 32670. **Note:** This refers to co-operation in nuclear energy.
1364. **RUSSIA and CANADA.** Memorandum of Understanding on Nuclear Safety and Engineering Program. Signed September 6, 1994. **Termination:** unknown. **Source:** DFAIT PR September 6, 1994, No. 170. **Note:** This is part of a 3 year program announced June 1992. NPR 2:2:110 states it is involved with the upgrading of safety standards at RBMK reactors.
1313. **RUSSIA and CANADA.** Agreement on Economic Co-operation. Signed May 8, 1993; in force December 7, 1994. **Termination:** indefinite duration. **Source:** CTS 1994/38. **Note:** This refers to co-operation in nuclear power safety issues.
1365. **RUSSIA and CANADA.** Memorandum of Understanding on Nuclear Co-operation. Signed April 8, 1996. **Termination:** unknown. **Source:** NPR 4:1:138. DFAIT PR, April 4, 1996, No. 61. **Note:** This concerns the burning of excess Russian plutonium in CANDU reactors. CIRC April-June 1996 treats this agreement as an extension of a 1989 Canada-USSR agreement. See sequences numbers 1111 and 1112, both signed November 20, 1989. PPNNP 34:5 notes an agreement on nuclear safety and radioactive waste disposal with a date of April 18, 1996.
1900. **RUSSIA and CANADA (Canadian Nuclear Safety Commission).** Administrative Arrangement regarding Canadian Transfers of Uranium to Russia. Amended 2004. **Termination:** unknown. **Source:** CNSC 2004-5.
1901. **RUSSIA (ROSATOM) and CANADA (Atomic Energy of Canada Ltd.).** Memorandum of Understanding on Co-operation in the Field of Peaceful Uses of Nuclear Technologies. Signed November 30, 2007. **Termination:** unknown. **Source:** WNC 20071201. NN 20071203. ROSATOM Nov. 29, 2007.
1910. **RUSSIA and CHILE.** Agreement on Co-operation in the Use of Nuclear En-

ergy for Peaceful Purposes. Reported June 29, 2005. **Termination:** unknown. **Source:** WNC 20050629. NN 20050630. **Note:** This is signed at a meeting of the Russo-Chilean Intergovernmental Commission for Trade and Economic Co-operation.

1962. **RUSSIA (USSR) and CHINA (PRC).** Agreement on Creation of a Joint Non-Ferrous and Rare Metals Corporation. Signed March 27, 1950. **Termination:** unknown. **Source:** Mir, p. 255. **Note:** This apparently operates near Urumchi. Soviet-Chinese nuclear co-operation, both civil and military, apparently ended in the late 1950s.
0292. **RUSSIA (USSR) and CHINA (PRC).** Aid in Developing Research in Physics of the Atomic Nucleus and in Utilization of Atomic Energy for Needs of the National Economy. Signed April 27, 1955; in force April 27, 1955. **Termination:** no specific provision. **Source:** USSR 1958. Rohn 411510. NTI: PRC. YK 8:3. **Note:** Soviet-Chinese nuclear co-operation, both civil and military, apparently ended in the late 1950s.
1963. **RUSSIA (USSR) and CHINA (PRC).** Uranium Survey Agreement. Signed January 30, 1955. Modified December 19, 1956? **Termination:** unknown. **Source:** NTI: PRC. YK 8. **Note:** This provides for joint uranium surveys in China and the sale of surplus uranium to the USSR. It may have been modified December 16, 1956. Soviet-Chinese nuclear co-operation, both civil and military, apparently ended in the late 1950s.
0543. **RUSSIA (USSR) and CHINA (PRC).** Aid by USSR in Construction of Industrial Enterprises. Signed April 7, 1956. **Termination:** unknown. **Source:** ST p. 353. **Note:** Included in this is construction of a 6 Megawatt reactor. NTI: PRC reports an agreement August 17, 1956. Soviet-Chinese nuclear co-operation, both civil and military, apparently ended in the late 1950s.
1135. **RUSSIA (USSR) and CHINA (PRC).** Economic and Scientific Co-operation Agreement. Signed April 24, 1990. **Termination:** unknown. **Source:** FoF 1990:309. FBIS-SOV November 27, 1990. **Note:** This appears to include the supply of two nuclear power stations. It may lead to the Tianwan project (sequence number 1951). The Tianwan nuclear power plant is in Lianyungang city in Jiangsu province. See also the agreement of December 1992, sequence number 1951.
1951. **RUSSIA and CHINA (PRC).** Agreement on the Tianwan Nuclear Power Plant. Signed December 1992. Agreement for Supply of Two VVER-1000 Power Reactors, signed May 21, 1997. General Contract signed December 29, 1997. Contract for Nuclear Fuel Supply and Technology Transfer, signed 1998. **Termination:** unknown. **Source:** WNC 19961227. WNC 19970521. WNC 19970522. WNC 19971229. WNC 20071010. NPR 6:1:148. **Note:** The May 21, 1997 agreement was signed at the first meeting of the Russia-China Subcommittee on Nuclear Issues, of the Sino-Russian Committee for Regular

Prime Ministerial Meetings. (A tenth meeting was held in September 2006, with a statement September 29, 2006. WNC 20060929.) The Tianwan nuclear power plant is in Lianyungang city in Jiangsu province. This project appears to originate in the agreement of April 24, 1990, sequence number 1135.

1952. **RUSSIA and CHINA (PRC)**. Agreement on Co-operation in the Construction on the Territory of the PRC of a Gaseous Centrifuge Plant for the Enrichment of Uranium for Nuclear Power. Signed December 18, 1992. Contract signed March 1993. Protocol signed December 27, 1996. Supplementary Protocol announced November 6, 2007. **Termination:** unknown. **Source:** Bukharin, p. 207. NTI: WMD Chronology. WNC 19961227. WNC 20071106. NN 20071107. **Note:** The 1996 protocol concerns an expansion of the plant's capacity. The 2007 Protocol was announced at the 12th meeting of the Chinese and Russian Prime Ministers.
1953. **RUSSIA and CHINA (PRC)**. Peaceful Uses of Atomic Energy. Signed April 25, 1996. **Termination:** unknown. **Source:** WNC 19960425. NTI: PRC. **Note:** This includes broader development in the energy sector.
1954. **RUSSIA and CHINA (PRC)**. Nuclear Safety Agreement. Signed April 25, 1996. **Termination:** unknown. **Source:** WNC 19960425.
1677. **RUSSIA and CHINA (PRC)**. Agreement on Co-operation on the Construction and Operation of a Fast Neutron Experimental Reactor in China. Signed April 2000?; in force on signature. **Termination:** unknown. **Source:** NLB 66:63. **Note:** WNC 20000718 gives the signature date as July 18, 2000, as does NN 20050908. NN 19990816 reports a 1995 agreement between the Chinese State Corporation for Nuclear Industry and the Russian Atomic Energy Ministry for the development of an experimental fast neutron reactor.
1956. **RUSSIA (Atomic Energy Ministry) and CHINA (PRC) (State Committee for Science, Technology and Defence Industry)**. Nuclear Co-operation Agreement. Signed July 20, 2001. Protocol announced November 6, 2007. **Termination:** unknown. **Source:** NN 20010726. NN 20071107. NTI: PRC. WNC 20071107. **Note:** This includes designing a nuclear energy plant for spacecraft and the manufacture of MOX fuel. The 2007 Protocol was announced at the 12th meeting of the Chinese and Russian Prime Ministers.
1957. **RUSSIA and CHINA (PRC)**. Fast Reactor Agreement. Signed July 2002. **Termination:** unknown. **Source:** NN 20051031.
1139. **RUSSIA (USSR) and COLOMBIA**. Energy, Mining, Oil, Nuclear and Solar Agreement. Reported April 14, 1980. **Termination:** unknown. **Source:** JPRS-LAM June 24, 1980. **Note:** It is not clear whether this is one agreement or several.
0330. **RUSSIA (USSR) and CUBA**. Co-operation in the Area of Atomic Energy. Signed September 15, 1967; in force September 15, 1967. **Termination:** no

- specific provision. **Source:** STS 1572. Rohn 564282.
0551. **RUSSIA** (USSR) and **CUBA**. Transfer of an Atomic Reactor. Signed January 7, 1969. **Termination:** unknown. **Source:** GS p. 474.
0945. **RUSSIA** (USSR) and **CUBA**. Co-operation in the Peaceful Uses of Nuclear Energy. Signed August 28, 1975. **Termination:** unknown. **Source:** G p. 105.
0946. **RUSSIA** (USSR) (State Committee for the Utilization of Atomic Energy) and **CUBA** (National Commission on the Peaceful Uses of Nuclear Energy). Establishment of Direct Scientific-Technical Co-operation in the Field of the Uses of Nuclear Energy. Signed November 21, 1975; in force November 21, 1975. **Termination:** indefinite duration. **Source:** G p. 122.
0552. **RUSSIA** (USSR) and **CUBA**. Agreement for Economic and Technical Co-operation for 1976-80. Signed April 14, 1976. **Termination:** unknown. **Source:** NLB 26:38. Rohn 733192. G p. 146. **Note:** This includes co-operation concerning an 800 Megawatt power reactor and the supply of associated goods and services.
0553. **RUSSIA** (USSR) and **CUBA**. Supply of a Research Reactor. Signed May 15, 1980. **Termination:** unknown. **Source:** NLB 26:38. G p. 359.
1143. **RUSSIA** (USSR) (State Committee for Safety in Atomic Energy Projects) and **CUBA** (Executive Secretariat for Nuclear Affairs). Protocol to Expand Co-operation in the Nuclear Field [safety]. Signed October 1986. **Termination:** unknown. **Source:** JPRS-LAM January 15, 1987.
1975. **RUSSIA** and **CUBA**. Trade and Economic Agreements. Signed July 1993. Signed October 1995. Signed June 1997. Signed February 1998. **Termination:** unknown. **Source:** JBA p. 176. **Note:** All of these refer to the Juraguá reactor project, but it is not clear that anything happens.
1976. **RUSSIA** and **CUBA**. Memorandum on Co-operation in the Peaceful Uses of Nuclear Energy. Signed 1995. **Termination:** unknown. **Source:** WNC 19980330.
1683. **RUSSIA** (USSR) and **CZECH REPUBLIC** (Czechoslovakia). Uranium Supply Agreement. Signed October 1945. Renewed 1965. **Termination:** 1990? **Source:** FBIS-EEU-91-188, September 27, 1991, pp. 18-19; FBIS-EEU-90-208, October 26, 1990, pp. 22-23. K 1948, p. 9366. **Note:** Mining started in 1946, with the USSR having exclusive rights. The mines were run by the Vismuth Corporation.
0301. **RUSSIA** (USSR) and **CZECH REPUBLIC** (Czechoslovakia). Aid in Developing Research in Physics of the Atomic Nucleus and in Utilization of Atomic Energy for the Needs of the National Economy. Signed April 23, 1955; in force April 23, 1955. **Termination:** no specific provision. **Source:** USSR

1958. Rohn 468110.

0564. **RUSSIA** (USSR) and **CZECH REPUBLIC** (Czechoslovakia). Joint Declaration on Political and Economic Relations. Signed January 29, 1957. **Termination:** 1991 (?). **Source:** ST p. 376. RIIA 1957:473-484. FBIS-EEU October 26, 1990. **Note:** This includes the continued supply of Czech uranium to the USSR and aid to Czechoslovakia in the construction of a nuclear power plant and a nuclear physics institute. FBIS-EEU October 26, 1990 indicates a possible discontinuing of exports of uranium as of the start of 1991.
0565. **RUSSIA** (USSR) and **CZECH REPUBLIC** (Czechoslovakia). Broader Cooperation in the Peaceful Uses of Atomic Energy. Signed April 17, 1962. **Termination:** unknown. **Source:** GS p. 174.
0331. **RUSSIA** (USSR) and **CZECH REPUBLIC** (Czechoslovakia). Further Cooperation in the Development of Atomic Energy in Czechoslovakia. Signed November 18, 1966; in force November 18, 1966. **Termination:** no specific provision. **Source:** STS 1434. Rohn 564249.
0566. **RUSSIA** (USSR) and **CZECH REPUBLIC** (Czechoslovakia). Joint Declaration. Signed October 27, 1969. **Termination:** unknown. **Source:** GS p. 519. **Note:** This includes an offer of Soviet aid in the construction of new power stations.
0329. **RUSSIA** (USSR) and **CZECH REPUBLIC** (Czechoslovakia). Construction of Atomic Power Plants. Signed April 30, 1970; in force April 30, 1970. **Termination:** no specific provision. **Source:** STS 1777. Rohn 564341.
0567. **RUSSIA** (USSR) (State Committee on the Utilization of Atomic Energy) and **CZECH REPUBLIC** (Czechoslovakia) (Commission on Atomic Energy). Protocol on Scientific-Technical Co-operation. Signed July 24, 1970. **Termination:** unknown. **Source:** GS p. 558.
0568. **RUSSIA** (USSR) and **CZECH REPUBLIC** (Czechoslovakia). Technical Cooperation for 1971-1975. Signed September 29, 1970. **Termination:** unknown. **Source:** GS p. 566. FoF 1970:719. **Note:** This includes assistance in the construction of a nuclear power plant.
0569. **RUSSIA** (USSR) and **CZECH REPUBLIC** (Czechoslovakia). Co-operation in Production of Equipment for Atomic Power Plants. Signed March 13, 1974; in force March 13, 1974. **Termination:** unknown. **Source:** STS 2255. G p. 11.
0334. **RUSSIA** (USSR) and **CZECH REPUBLIC** (Czechoslovakia). Agreement on Long-Term Co-operation in Atomic Energy. Signed November 15, 1976; in force November 15, 1976. **Termination:** no specific provision. **Source:** STS 2556. G p. 182.

0948. **RUSSIA** (USSR) and **CZECH REPUBLIC** (Czechoslovakia). Application of Special Technical Acceptance of Equipment Built in Czechoslovakia for Nuclear Power Plants. Signed February 2, 1978; in force February 2, 1978. **Termination:** unknown. **Source:** G p. 246.
0949. **RUSSIA** (USSR) and **CZECH REPUBLIC** (Czechoslovakia). Protocol on Results of Negotiations Concerning Co-operation in the Construction of Atomic Power Plants, Development of Specialization and Co-operation in Producing Equipment for Such Plants. Signed May 30, 1980. **Termination:** unknown. **Source:** G p. 363.
0950. **RUSSIA** (USSR) and **CZECH REPUBLIC** (Czechoslovakia). Program of Co-operation in the Field of Development of Nuclear Power in Czechoslovakia until 1990. Signed June 18 and July 16, 1980. **Termination:** unknown. **Source:** G pp. 366, 370.
0333. **RUSSIA** (USSR) and **CZECH REPUBLIC** (Czechoslovakia). Building of Atomic Power Plants in Czechoslovakia. Signed November 27, 1980; in force November 27, 1980. **Termination:** no specific provision. **Source:** STS 2859. G p. 385.
0332. **RUSSIA** (USSR) and **CZECHOSLOVAKIA**. Co-operation in Building an Atomic Power Plant at Temelin in Czechoslovakia. Signed November 27, 1981; in force November 27, 1981. **Termination:** unknown. **Source:** STS 2949.
1293. **RUSSIA** and **CZECH REPUBLIC**. Trade Protocol for 1993. Signed August 26, 1993; in force August 26, 1993. **Termination:** December 31, 1993. **Source:** FBIS-EEU-93-183, September 23, 1993. **Note:** This includes a reference to fuel rods for nuclear power stations.
1382. **RUSSIA** and **CZECH REPUBLIC**. Co-operation in the Field of Nuclear Energy. Signed December 4, 1994; in force April 5, 1995. Supplement, signed April 15, 1999; in force April 15, 1999. **Termination:** indefinite duration. **Source:** NLB 56:99-100, 64: 69. NPR 2:3:150. **Note:** NPR 2:3:150 notes that this includes information exchanges, co-operation in bringing new facilities on line, maintenance, safety measures, radioactive protection and supply of fuel. It states that the agreement supersedes previous Czech-Soviet agreements on the supply and the return of fuel.
1983. **RUSSIA** and **CZECH REPUBLIC**. Agreement on Co-operation in Transit of Nuclear Materials. Signed March 14, 1998. **Termination:** unknown. **Source:** WNC 19980316. **Note:** This could be a bilateral agreement, or it could be a 4-way agreement among Russia, the Czech Republic, Ukraine and Slovakia. See also the Czech-Ukraine agreement noted in 2003, sequence number 1987.
1982. **RUSSIA** (Federal Regulatory Authority) and **CZECH REPUBLIC** (State Office of Nuclear Safety). Agreement on Co-operation in the Area of State Su-

- pervision of Nuclear Safety and Peaceful Utilization of Atomic Energy. Noted 2003. **Termination:** unknown. **Source:** IAEA-CNNP Czech Republic 2003.
0057. **RUSSIA** (USSR) and **DENMARK**. Agreement on Cultural Co-operation. Signed September 11, 1962; in force February 25, 1963. **Termination:** February 11, 1994. **Source:** UNTS 6589. **Note:** This includes a reference to developing co-operation between the Danish Atomic Energy Commission and Danish institutes on the one hand and the Soviet State Committee for the Utilization of Atomic Energy on the other.
0578. **RUSSIA** (USSR) (State Committee for the Utilization of Atomic Energy) and **DENMARK** (Atomic Energy Commission). Co-operation in the Area of Atomic Energy. Signed May 14, 1968; in force May 14, 1968. **Termination:** indefinite duration. **Source:** STS 1561.
0302. **RUSSIA** (USSR) and **DENMARK**. Development of Economic, Industrial, Scientific and Technical Co-operation. Signed August 28, 1975; in force August 28, 1975. **Termination:** indefinite duration. **Source:** UNTS 14492. **Note:** One area of co-operation listed is peaceful uses of nuclear energy.
0954. **RUSSIA** (USSR) and **DENMARK**. Exchange of Information and Notification in the Context of Nuclear Facilities [safety]. Signed November 12, 1987. **Termination:** indefinite duration. **Source:** NLB 41:43. IAEA p. 159.
0236. **RUSSIA** (USSR) and **EGYPT**. Utilization of Atomic Energy for Peaceful Purposes. Signed July 12, 1956. **Termination:** no specific provision. **Source:** USSR 1958. Rohn 468129.
0595. **RUSSIA** (USSR) and **EGYPT**. Co-operation in the Peaceful Uses of Atomic Energy. Signed September or October 1958. Amended February 1964. **Termination:** unknown. **Source:** GAK 916-7050; 916-7051.
0957. **RUSSIA** (USSR) and **EGYPT**. Contract for Continued Joint Research at the Nuclear Physics Laboratory of the United Arab Republic Atomic Center. Signed January 23, 1963. **Termination:** unknown. **Source:** GS p. 204.
1156. **RUSSIA** (USSR) and **EGYPT**. Nuclear Co-operation Agreement. Announced October 28, 1974. **Termination:** unknown. **Source:** FoF 1974:1040. ACR 7:B46.
1999. **RUSSIA** and **EGYPT**. Contract for Delivery of a Cyclotron Accelerator. Signed 1991. **Termination:** unknown. **Source:** NTI: Egypt.
2000. **RUSSIA** (Ministry of Atomic Energy) and **EGYPT** (Ministry of Electricity and Energy). Memorandum of Understanding on Co-operation in the Peaceful Uses of Nuclear Energy. Signed April 27, 2001. **Termination:** unknown. **Source:** NTI: Egypt. WNC 20010428. **Note:** NTI: Egypt gives the date as April 27, 2001. The agreement includes applied research in the use of nuclear

energy, safety, environmental protection, laser technology, information and expert exchanges, training, research, projects, and transfer of nuclear and non-nuclear compounds. NTI: Egypt also reports contracts to modernize and upgrade an Egyptian nuclear reactor.

2001. **RUSSIA and EGYPT.** Long-Term Programme to Promote Commercial, Economic, Industrial, Scientific and Technological Co-operation. Signed April 27, 2001. **Termination:** unknown. **Source:** WNC 20010427. **Note:** This includes the possibility of nuclear co-operation.
2002. **RUSSIA and EGYPT.** Nuclear Co-operation Agreement. Signed March 25, 2008. **Termination:** unknown. **Source:** NN 20080326. WNC 20080325. ROSATOM March 3, 2008. NTI Newswire, March 25, 2008.
1685. **RUSSIA and ESTONIA.** Agreement. Signed July 30, 1994. **Termination:** unknown. **Source:** NPR 2:2: 103. **Note:** This concerns the dismantling of a reactor at the Paldiski submarine base.
0612. **RUSSIA (USSR) (State Committee for the Utilization of Atomic Energy) and EUROPEAN UNION (Euratom).** Scientific-Technical Co-operation. Signed July 19, 1967. **Termination:** unknown. **Source:** GS p. 403.
1163. **RUSSIA (USSR) and EUROPEAN UNION (Euratom, European Community).** Agreement on Trade and Commercial and Economic Co-operation. Signed December 18, 1989; in force April 1, 1990. **Termination:** indefinite duration. **Source:** UKTS 1990/64. ILM 29:918. **Note:** This includes nuclear energy and nuclear safety as areas of co-operation.
1571. **RUSSIA and EUROPEAN UNION (European Community).** Agreement on Partnership and Co-operation. Signed June 24, 1994; in force December 1, 1997. Interim Agreement in force February 1, 1996. **Termination:** indefinite duration. **Source:** UNTS 34462. UKTS 2004/41. ESA 1995:39. **Note:** Articles 22 and 66 cover nuclear issues.
1388. **RUSSIA and EUROPEAN UNION (European Commission).** Memorandum of Understanding on Technical Assistance in Nuclear Safety. Signed February 7, 1995. **Termination:** unknown. **Source:** NLB 55:54-55.
1688. **RUSSIA and EUROPEAN UNION.** Co-operation Agreement on Nuclear Safety. Signed October 3, 2001. **Termination:** unknown. **Source:** NLB 68:80-81. EUR-LEX 22001A1031 (01). OJEU L 287 October 31, 2001. NN 20010601. **Note:** WNC 20011003 gives the initial duration as 10 years, renewable for 5. It lists areas of co-operation as including reactor safety, radiation protection, waste management, decommissioning, control and accounting.
1689. **RUSSIA and EUROPEAN UNION.** Co-operation Agreement on Controlled Nuclear Fusion. Signed October 3, 2001. **Termination:** unknown. **Source:** NLB 68:80-81. EUR-LEX 22001A1031 (02). OJEU L 287 October 31, 2001.

Note: WNC 20011003 gives the initial duration as 5 years, renewable for 5. It reports that the agreement concerns the ITER project.

- 0089. **RUSSIA** (USSR) and **FINLAND**. Co-operation in the Peaceful Uses of Atomic Energy. Signed May 14, 1969; in force September 28, 1969. Protocol April 21, 1971; in force December 10, 1971. **Termination:** September 27, 1999. **Source:** UNTS 10040. STS 1772, 1914.

- 0622. **RUSSIA** (USSR) and **FINLAND**. Protocol on Soviet Technical Assistance to Finland in the Construction of an Atomic Power Station. Signed September 9, 1969. **Termination:** unknown. **Source:** GS p. 513. Rohn 564331.

- 0967. **RUSSIA** (USSR) and **FINLAND**. Protocol Concerning Construction in Finland of a Second Soviet-Built Nuclear Power Plant. Signed April 20, 1971; in force December 10, 1971. **Termination:** unknown. **Source:** GS p. 596.

- 0624. **RUSSIA** (USSR) and **FINLAND**. Peaceful Use of Nuclear Energy. Signed February 24, 1972. **Termination:** unknown. **Source:** Rohn 510122.

- 1164. **RUSSIA** (USSR) and **FINLAND**. Agreement on Co-operation in the Field of Energy. Signed October 16, 1974; in force August 12, 1975. **Termination:** August 11, 1985. **Source:** G p. 47. FoF 1974:1008. **Note:** This includes the supply of two reactors to Finland and agreement in principle on a third.

- 0625. **RUSSIA** (USSR) (State Committee for the Utilization of Atomic Energy) and **FINLAND** (Ministry of Trade and Industry). Protocol on Scientific-Technical Co-operation in the Field of the Peaceful Utilization of Nuclear Power. Signed November 10 and December 6, 1977; in force December 6, 1977. **Termination:** December 5, 1979. **Source:** G pp. 236-237. STS 2532.

- 0720. **RUSSIA** (USSR) and **FINLAND**. Early Notification of a Nuclear Accident and Exchange of Information on Nuclear Facilities. Signed January 7, 1987; in force July 18, 1987. **Termination:** June 5, 1996. **Source:** NLB 39:54. UNTS 25497. **Note:** Superseded by the Finland-Russia agreement of January 19, 1995, sequence number 1574.

- 1574. **RUSSIA** and **FINLAND**. Agreement on the Early Notification of Nuclear Accidents and the Exchange of Information on Nuclear Facilities. Signed January 11, 1995; in force June 6, 1996. **Termination:** indefinite duration. **Source:** UNTS 33250. **Note:** This supersedes the agreement of January 7, 1987, sequence number 0720.

- 0336. **RUSSIA** (USSR) (State Committee for the Utilization of Atomic Energy) and **FRANCE** (Commissariat à l'Energie Atomique). Conditions of Collaboration in the Field of the Peaceful Uses of Atomic Energy in 1960-61. Signed April 2, 1960. **Termination:** unknown. **Source:** CEA 1960. GS p. 93. **Note:** This might be superseded by the agreement of May 4, 1965, sequence number 0694.

0694. **RUSSIA** (USSR) (State Committee for the Utilization of Atomic Energy) and **FRANCE** (Commissariat à l'Energie Atomique). Co-operation in the Sphere of the Use of Atomic Energy for Peaceful Purposes. Signed May 4, 1965. **Termination:** 2 years duration. **Source:** CEA 1965. GS p. 302. Rohn 564166. **Note:** GS says this is a sequel to the 1960 agreement, sequence number 0336. It could be superseded by the agreement of May 20, 1967, sequence number 0696.
0695. **RUSSIA** (USSR) and **FRANCE**. Scientific, Technical and Economic Co-operation. Signed June 30, 1966; in force August 25, 1966. Protocol signed October 13, 1970. **Termination:** May 9, 1990. **Source:** UNTS 8538. RTAF 1967/32. STS 1428, 1663. **Note:** Some nuclear co-operation may occur under this. Superseded by the agreement of January 15, 1990 (UNTS 27620), in force May 10, 1990. This does not contain an explicit reference to nuclear co-operation, but is listed as sequence number 1580.
0337. **RUSSIA** (USSR) (State Committee for the Utilization of Atomic Energy) and **FRANCE** (Commissariat à l'Energie Atomique). Joint Scientific Research in the Field of High Energy Physics. Signed October 11, 1966; on force October 11, 1966. Protocol signed February 1970. Amended October 16, 1984. **Termination:** indefinite duration. **Source:** STS 1430. CEA 1966, 1970, 1984. GS p. 364.
0696. **RUSSIA** (USSR) (State Committee for the Utilization of Atomic Energy) and **FRANCE** (Commissariat à l'Energie Atomique). Co-operation in the Field of Atomic Energy for Peaceful Purposes. Signed May 20, 1967; in force May 20, 1967. Amended October 14, 1969. Amended July 1971. Amended July 11, 1974. Amended July 2, 1976. Amended October 3, 1978. Amended December 11 1980. Amended January 12, 1983. Amended April 1, 1985. **Termination:** indefinite duration. **Source:** GS, pp. 394, 517, 609. CEA 1967, 1969, 1971, 1974, 1976, 1977, 1978, 1980, 1983, 1985. G pp. 38, 163, 280. STS 1592. **Note:** This might supersede the agreement of May 4, 1965, sequence number 0694.
0697. **RUSSIA** (USSR) and **FRANCE**. Agreement on Delivery of Enriched Uranium by the Soviet Union to France. Announced March 15, 1971. **Termination:** unknown. **Source:** GS p. 592. Bukharin p. 200.
0384. **RUSSIA** (USSR) and **FRANCE**. Ten-Year Program of Scientific and Technical Co-operation. Signed July 27, 1973; in force July 27, 1973. **Termination:** July 26, 1983. **Source:** RTF 1973-75, 2e Série, 4e Vol. 327. STS 2145. **Note:** Nuclear research and the construction of nuclear power stations are two areas of co-operation. See also the agreement of December 6, 1974, sequence number 0397.
0397. **RUSSIA** (USSR) and **FRANCE**. Ten-Year Program of Economic and Industrial Co-operation. Signed December 6, 1974; in force January 1, 1975. **Ter-**

- mination:** July 26, 1983. **Source:** RTF 1973-75, 2e Série, 4e Vol. 495. G p. 56. **Note:** This is of 10 years duration, but seems to come under the terms of the agreement of July 27, 1973, sequence 0384.
0225. **RUSSIA** (USSR) and **FRANCE**. Co-operation in the Field of Energy. Signed October 17, 1975; in force February 13, 1976. **Termination:** February 12, 1986. **Source:** UNTS 15492. RTAF 1976/53. **Note:** Nuclear power stations are one area of co-operation mentioned.
1189. **RUSSIA** (USSR) (State Committee for the Utilization of Atomic Energy) and **FRANCE** (Commissariat à l'Energie Atomique). Agreement [safety?]. Signed 1988. **Termination:** unknown. **Source:** CEA 1988. **Note:** This apparently includes nuclear safety, the environment and public information.
1580. **RUSSIA** (USSR) and **FRANCE**. Agreement on Economic, Industrial, Scientific and Technical Co-operation. Signed January 15, 1990; in force May 10, 1990. **Termination:** indefinite duration. **Source:** UNTS 27620. **Note:** This replaces the agreement of June 30, 1966, sequence number 0695. It does not contain any explicit reference to nuclear co-operation.
1190. **RUSSIA** (USSR) and **FRANCE**. Agreement on Co-operation in the Peaceful Uses of Nuclear Energy. Signed October 5, 1990. **Termination:** unknown. **Source:** NLB 47:72.
1191. **RUSSIA** (USSR) and **FRANCE** (Central Service for the Safety of Nuclear Reactors) (State Committee for Supervision over the Safety of Work in Nuclear Power Engineering). Nuclear Safety Agreement. Signed November 30, 1990. **Termination:** unknown. **Source:** FBIS-SOV November 26, 1990.
1192. **RUSSIA** (USSR) and **FRANCE**. Protocol on Co-operation in the Prevention of Nuclear Accidents and in Dealing with their Aftermaths. Signed June 1991. **Termination:** unknown. **Source:** FBIS-SOV June 4, 1991.
1404. **RUSSIA** (Ministry of Energy and Nuclear Industry) and **FRANCE** (Commissariat à l'Energie Atomique). General Protocol. Signed April 26, 1991. **Termination:** unknown. **Source:** CEA 1991. **Note:** Under this, 3 additional agreements were foreseen, in the areas of decontamination, treatment of waste, and one other; at least 2 seem to have been signed.
1184. **RUSSIA and FRANCE**. Co-operation Agreement on Civilian Nuclear Security. Signed February 6, 1992. **Termination:** unknown. **Source:** FBIS-WEU February 7, 1992.
1185. **RUSSIA and FRANCE**. General Agreement. Signed February 7, 1992; in force April 1, 1993. **Termination:** indefinite duration. **Source:** FBIS-SOV February 12, 1992. UNTS 30175. **Note:** This includes a reference to co-operation in nuclear energy, including safety.

1577. **RUSSIA** and **FRANCE**. Agreement on Co-operation in the Areas of the Elimination and Conditions of Security of Nuclear Arms in Russia, and Peaceful Uses of Nuclear Material from Nuclear Arms. Signed November 12, 1992; in force March 29, 1993. **Termination:** indefinite duration. **Source:** Base Pacte.
1405. **RUSSIA** (Atomic Energy Ministry) and **FRANCE** (Commissariat à l'Energie Atomique). Co-operation in Atomic Energy. Signed March 10, 1993. Extended 1995. **Termination:** 1997. **Source:** CEA 1993, 1995. **Note:** This seems to cover various special agreements. See also the agreement of 1993, sequence number 1406.
1406. **RUSSIA** (Atomic Energy Ministry) and **FRANCE** (Commissariat à l'Energie Atomique). Application Agreement on Fast Reactors. Signed 1993. Extended 1995. **Termination:** 1997. **Source:** CEA 1995. **Note:** This comes under the agreement of March 10, 1993, sequence number 1405.
1407. **RUSSIA** and **FRANCE**. Co-operation in the Field of Peaceful Uses of Nuclear Energy. Signed April 19, 1996; in force February 27, 1997. Protocol signed December 12, 1999; in force January 15, 2002. **Termination:** indefinite duration. **Source:** NLB 58:125-126. Base Pacte.
2040. **RUSSIA** and **FRANCE**. Nuclear Co-operation Agreement. Signed January 12, 1999. **Termination:** unknown. **Source:** IAEA-CNNP France 2004.
1708. **RUSSIA** (Kurchatov Institute) and **FRANCE** (Commissariat à l'Energie Atomique). Co-operation Agreement. Signed 1999. **Termination:** unknown. **Source:** CEA Annual Report 1999. **Note:** This includes high burn-up fuels, safety and fusion.
2041. **RUSSIA** and **FRANCE**. Nuclear Co-operation Agreement. Reported June 20, 2000. **Termination:** unknown. **Source:** NN 20000705. **Note:** This permits the large-scale supply of French nuclear equipment to Russia, and includes a study of the feasibility of the European Pressurized Water Reactor, co-operation in stabilizing the uranium market, and MOX fuel technology.
0265. **RUSSIA** (USSR) and **GERMAN DEMOCRATIC REPUBLIC**. Aid in Developing Research in Physics of the Atomic Nucleus and in Utilization of Atomic Energy for Needs of the National Economy. Signed April 28, 1955; in force April 28, 1955. **Termination:** indefinite duration (the German Democratic Republic ceased to exist as of the end of October 2, 1990). **Source:** USSR 1958. Rohn 468162.
0721. **RUSSIA** (USSR) and **GERMAN DEMOCRATIC REPUBLIC**. Agreement concerning Construction in the German Democratic Republic of an Atomic Power Plant. Signed July 17, 1956. **Termination:** indefinite duration (the German Democratic Republic ceased to exist as of the end of October 2, 1990). **Source:** ST p. 364.

1504. **RUSSIA (USSR) and GERMAN DEMOCRATIC REPUBLIC.** Regulation of the Uranium Producing Company "Vismut." Signed February 26, 1957. Renewed or replaced December 7, 1962. **Termination:** January 1, 1991 (the German Democratic Republic ceased to exist as of the end of October 2, 1990). **Source:** ST p. 378; FBIS-EEU-90-166, August 27, 1990; FBIS-EEU-90-176, September 11, 1990. FBIS-WEU-91-005, March 21, 1991; FBIS-WEU-91-082, April 29, 1991; FBIS-WEU-91-096, May 17, 1991; FBIS-WEU-91-230, November 29, 1991. NLB 49:73-74. UNTS 29526. **Note:** The original agreement between the USSR and the German Democratic Republic was apparently renewed and modified every 5 years. After the reunification of Germany, it was taken over by the Federal Republic of Germany and wound up between it and the USSR. See the agreement of May 16, 1991, sequence number 2267 for **GERMANY, FEDERAL REPUBLIC OF**, and **RUSSIA (USSR)**.
0724. **RUSSIA (USSR) and GERMAN DEMOCRATIC REPUBLIC.** Expansion of Co-operation in the Peaceful Uses of Atomic Energy. Signed December 28, 1961. **Termination:** indefinite duration (the German Democratic Republic ceased to exist as of the end of October 2, 1990). **Source:** GS p. 163. Rohn 419418. GAK 708-7060.
0726. **RUSSIA (USSR) and GERMAN DEMOCRATIC REPUBLIC.** Agreement on Co-operation in Construction of the Tierbach and Bochsborg Thermal Power Stations. Signed April 29, 1964; in force April 29, 1964. Amended June 4, 1966; in force June 4, 1966. Amended May 23, 1968; in force May 23, 1968. Amended October 29, 1969; in force October 29, 1969. Amended June 18, 1971; in force June 18, 1971. **Termination:** indefinite duration (the German Democratic Republic ceased to exist as of the end of October 2, 1990). **Source:** STS 1351, 1560, 1712. **Note:** G p. 519 notes that the protocol of October 29, 1969 mentioned nuclear power plants.
0338. **RUSSIA (USSR) and GERMAN DEMOCRATIC REPUBLIC.** Construction of Nuclear Power Plants in the German Democratic Republic. Signed July 14, 1965. Protocol signed December 20, 1968. Protocol signed November 27, 1970. Protocol signed April 27, 1973; in force April 27, 1973. Protocol signed March 21, 1974. **Termination:** indefinite duration (the German Democratic Republic ceased to exist as of the end of October 2, 1990). **Source:** STS 2103. GS pp. 313, 471, 574, 708. G p. 12. Rohn 420426; 507124.
0727. **RUSSIA (USSR) and GERMAN DEMOCRATIC REPUBLIC.** Construction of Nuclear Power Plants in the German Democratic Republic. Signed January 30, 1970. **Termination:** indefinite duration (the German Democratic Republic ceased to exist as of the end of October 2, 1990). **Source:** GS p. 532. Rohn 564449.
0729. **RUSSIA (USSR) and GERMAN DEMOCRATIC REPUBLIC.** Co-operation in Output of Equipment for Atomic Power Plants. Signed July 15,

1975. **Termination:** indefinite duration (the German Democratic Republic ceased to exist as of the end of October 2, 1990). **Source:** G p. 101. Rohn 507134.
0992. **RUSSIA (USSR) and GERMAN DEMOCRATIC REPUBLIC.** Protocol on Co-operation in the Construction of the Atomic Power Station "Stendhal" in the German Democratic Republic. Signed April 9, 1980. **Termination:** indefinite duration (the German Democratic Republic ceased to exist as of the end of October 2, 1990). **Source:** G p. 355.
0993. **RUSSIA (USSR) and GERMAN DEMOCRATIC REPUBLIC.** Protocol on Co-operation in Construction in the German Democratic Republic of Stages III and IV of the Nuclear Power Station "Nord". Signed April 24, 1980. **Termination:** indefinite duration (the German Democratic Republic ceased to exist as of the end of October 2, 1990). **Source:** G p. 358.
0745. **RUSSIA (USSR) and GERMANY, FEDERAL REPUBLIC OF.** Long-Term Economic, Industrial and Technical Co-operation. Signed January 18, 1974. **Termination:** no specific provision. **Source:** STS 2252. **Note:** This contains a reference to nuclear co-operation.
0296. **RUSSIA (USSR) and GERMANY, FEDERAL REPUBLIC OF.** Further Development of Economic Co-operation. Signed October 30, 1974; in force October 30, 1974. **Termination:** May 17, 1993. **Source:** STS 2253. CDSP Vol. 26, No. 44, pp. 12-14. **Note:** This agreement terminates with the May 19, 1973 agreement on long-term economic co-operation. A Soviet statement says that it includes atomic power engineering. FoF 75:132 suggests that a reactor purchase that might have been intended under this was blocked by the United States.
1213. **RUSSIA (USSR) and GERMANY, FEDERAL REPUBLIC OF.** Long-Term Program of Basic Directions of Co-operation in the Field of Economy and Industry. Signed July 1, 1980; in force July 1, 1980. **Termination:** unknown. **Source:** FoF 1980:489. G p. 368. **Note:** This includes the development of nuclear energy.
1505. **RUSSIA (USSR) and GERMANY, FEDERAL REPUBLIC OF.** Agreement on Scientific and Technological Co-operation. Signed July 22, 1986; in force July 7, 1987. **Termination:** indefinite duration. **Source:** UNTS 27007. **Note:** Peaceful uses of nuclear energy is one area.
1000. **RUSSIA (USSR) (State Committee for the Utilization of Atomic Energy) and GERMANY, FEDERAL REPUBLIC OF (Federal Minister for Research and Technology).** Co-operation in the Field of the Peaceful Uses of Nuclear Energy. Signed April 22, 1987; in force July 7, 1987. **Termination:** indefinite duration. **Source:** NLB 40:45-46. NEA Vol. II, p. 115. FRGB 1988:394.
1001. **RUSSIA (USSR) and GERMANY, FEDERAL REPUBLIC OF.** Early Noti-

fication in the Event of a Nuclear Accident and on Exchange of Information on Nuclear Installations. Signed October 25, 1988; in force February 16, 1989. Note Verbale creating an additional agreement June 13, 1989; in force January 8, 1990. **Termination:** indefinite duration. **Source:** NLB 42:51-52; 45:82-83. FRGB 1990: 165. UNTS 27703.

1214. **RUSSIA (USSR) and GERMANY, FEDERAL REPUBLIC OF.** Agreement on Mutual Assistance with National Disasters or Major Accidents. Signed October 16, 1990. **Termination:** unknown. **Source:** FBIS-SOV October 17, 1990. FBIS-WEU October 18, 1990. **Note:** This includes disasters involving radioactivity.
2267. **RUSSIA (USSR) and GERMANY, FEDERAL REPUBLIC OF.** Agreement to wind up the “Vismut” Company, May 16, 1991; in force December 20, 1991, but effective as of January 1, 1991. **Termination:** January 1, 1991 (the German Democratic Republic ceased to exist as of the end of October 2, 1990). **Source:** ST p. 378; FBIS-EEU-90-166, August 27, 1990; FBIS-EEU-90-176, September 11, 1990. FBIS-WEU-91-005, March 21, 1991; FBIS-WEU-91-082, April 29, 1991; FBIS-WEU-91-096, May 17, 1991; FBIS-WEU-91-230, November 29, 1991. NLB 49:73-74. UNTS 29526. **Note:** The original agreement of February 26, 1957 (sequence number 1504) between the USSR and the German Democratic Republic was apparently renewed and modified every 5 years.
1207. **RUSSIA and GERMANY, FEDERAL REPUBLIC OF.** Joint Declaration on Co-operation in Reactor Safety. Signed November 28, 1991. **Termination:** unknown. **Source:** FBIS-WEU November 29, 1991.
1412. **RUSSIA and GERMANY, FEDERAL REPUBLIC OF.** Agreement on Mutual Assistance in the Event of Catastrophes and Severe Accidents. Signed December 16, 1992; in force July 11, 1995. **Termination:** indefinite duration. **Source:** NLB 60:106. UNTS 36980. **Note:** This includes nuclear and radiological accidents.
1717. **RUSSIA (Combined Nuclear Research Institute) and GERMANY, FEDERAL REPUBLIC OF (Federal Ministry of Research).** Agreement. Signed January 18, 1994. **Termination:** December 31, 1996. **Source:** NPR 2:1:162. **Note:** This concerns the use of CNRI facilities by German physicists.
1298. **RUSSIA and GERMANY, FEDERAL REPUBLIC OF.** Memorandum on Prevention of Illegal Dealings with Nuclear Material. Signed August 22, 1994. **Termination:** no specific provision. **Source:** FBIS-WEU-94-168, August 30, 1994.
1413. **RUSSIA and GERMANY, FEDERAL REPUBLIC OF.** Agreement Concerning the Delivery of Highly Enriched Uranium for the Research Reactor Munich II. Signed June 8, 1998; in force June 8, 1998. **Termination:** indefi-

nite duration. **Source:** PPNNP 41:4. UINB 98.11, 98.24. **Note:** This concerns the sale of up to 1200 kg. of Russian highly-enriched uranium. NPR 6: 2: 159 reports a vote by the Russian Duma to recommend suspension of the agreement.

1804. **RUSSIA** (Federal Inspectorate for Nuclear Radiological Safety) and **GERMANY, FEDERAL REPUBLIC OF** (Ministry of the Environment, Nature Conservation and Nuclear Safety). Agreement concerning Co-operation, the Exchange of Information and Experience in the Field of Licensing, Supervising and Examining Nuclear and Radiological Safety. Signed May 9, 2003; in force May 9, 2003. **Termination:** indefinite duration. **Source:** UNTS 41959. FRGB 2004: 448. NLB 74: 79.
0756. **RUSSIA** (USSR) and **GHANA**. Co-operation in the Utilization of Atomic Energy for Peaceful Purposes. Signed February 28, 1961; in force May 20, 1961. **Termination:** unknown. **Source:** GS p. 134. Rohn 469748.
1003. **RUSSIA** (USSR) and **GHANA**. Contract on Soviet Technical Aid in Blueprinting and Construction of an Experimental Nuclear Reactor and a Laboratory for Training. Signed October 27, 1961. **Termination:** unknown. **Source:** GS p. 157.
0181. **RUSSIA** (USSR) and **HUNGARY**. Developing Research in Physics of the Atomic Nucleus and in Utilization of Atomic Energy for Needs of the National Economy. Signed June 13, 1955; in force June 13, 1955. **Termination:** no specific provision. **Source:** USSR 1958. Rohn 468198.
0766. **RUSSIA** (USSR) and **HUNGARY**. Joint Declaration Concerning Political and Economic Relations. Signed March 28, 1957. **Termination:** unknown. **Source:** GS p. 380. RIIA 1957, pp. 484-497. **Note:** This includes Soviet aid to Hungary in the development of atomic power stations and sales of Hungarian uranium to the USSR.
0767. **RUSSIA** (USSR) and **HUNGARY**. Protocol Concerning the Use of Atomic Energy for Peaceful Purposes. Signed May 11, 1958. **Termination:** unknown. **Source:** GS p. 15. Rohn 469509.
0768. **RUSSIA** (USSR) and **HUNGARY**. Collaboration in the Peaceful Uses of Atomic Energy. Signed December 22, 1959. **Termination:** unknown. **Source:** GS p. 77. Szal p. 5.
0339. **HUNGARY** and **RUSSIA** (USSR). Construction of an Atomic Power Plant in Hungary. Signed December 28, 1966; in force December 28, 1966. Amended July 3, 1970; in force July 3, 1970. Amendment April 1, 1994. **Termination:** no specific provision. **Source:** STS 1346; 1707. Rohn 564252. PPNNP 26:11. **Note:** This agreement is carried over between Hungary and Russia. The amendment of April 1, 1994 concerns the return of spent fuel to Russia.

0340. **RUSSIA** (USSR) and **HUNGARY**. Co-operation in the Construction of Atomic Power Plants. Signed November 4, 1974; in force November 4, 1974. **Termination:** unknown. **Source:** STS 2222. G p. 51.
1222. **RUSSIA** (USSR) and **HUNGARY**. Reactor Supply Agreement. Reported July 16, 1986. **Termination:** unknown. **Source:** FoF 1986:652. **Note:** This is for two 1000 MW VVER reactors.
1719. **RUSSIA** and **HUNGARY** (Hungarian Atomic Energy Authority). Co-operation Agreement. Signed 2001. **Termination:** unknown. **Source:** HAEA Report 2000.
0178. **RUSSIA** (USSR) and **INDIA**. Scientific and Technical Co-operation in the Field of Peaceful Utilization of Atomic Energy. Signed October 6, 1961. **Termination:** no specific provision. **Source:** IJIL 2:133. ITS 1961/47. India Bilaterals.
0555. **RUSSIA** (USSR) and **INDIA**. Protocol on Exchange of Scientists and Specialists. Signed April 30, 1968. **Termination:** unknown. **Source:** Jain Vol. I, p. 178. **Note:** This could be the same as the agreement of May 1, 1968, sequence number 0781.
0781. **RUSSIA** (USSR) and **INDIA**. Protocol on Development of Co-operation in the Realm of Peaceful Uses of Atomic Energy. Signed May 1, 1968. **Termination:** unknown. **Source:** GS p. 437. Rohn 431254. **Note:** Rohn gives the date as April 30, 1968. This could be the same as the agreement of April 30, 1968, sequence number 0555.
0324. **RUSSIA** (USSR) and **INDIA**. Fifteen-Year Agreement on Development of Economic and Trade Co-operation. Signed November 29, 1973; in force November 29, 1973. **Termination:** indefinite duration. **Source:** IFR December 1973, p. 8. CDSP Vol. 25, No. 49, p. 13. **Note:** This contains a reference to strengthening nuclear co-operation.
0782. **RUSSIA** (USSR) and **INDIA**. Supply of Heavy Water. Signed September 1976. February 1980. **Termination:** unknown. **Source:** Referenced in an IAEA-India agreement of November 17, 1977 (UNTS 17192). PH. **Note:** This agreement possibly expired in 1992. EOS 6:12-13.
0783. **RUSSIA** (USSR) and **INDIA**. Peaceful Use of Atomic Energy. Signed January 22, 1979; in force January 12, 1983. **Termination:** unknown. **Source:** INMR. **Note:** This carries over between India and Russia. WNC 19970910.
0341. **RUSSIA** (USSR) and **INDIA**. Long-Term Program of Economic, Trade and Scientific-Technical Co-operation. Signed March 14, 1979; in force March 14, 1979. **Termination:** no specific provision. **Source:** STS 2744. G p. 302. **Note:** Nuclear co-operation is one area of activity.

0784. **RUSSIA** (USSR) and **INDIA**. Program of Research on Thermonuclear Systems. Signed February 1, 1982. **Termination:** unknown. **Source:** PH Vol. 35, No. 1, p. 174.
1226. **RUSSIA** (USSR) and **INDIA**. Nuclear Co-operation Agreement. Signed October 20, 1988. Agreement to Study the Project March 1997. Supplement June 21, 1998. Contract for Engineering Studies, signed July 20, 1998. Contract for Detailed Project Report, July 20, 1998. Memorandum of Understanding for Construction of Plant, November 6, 2001. Contract February 12, 2002. **Termination:** unknown. **Source:** Potter p. 155. NPR 6:1:153. ACT 28:5:25. IMEA. WNC 19980621. WNC 20011106. WNC 20011107. WNC 20020212. NN 20010803. WMDI 22:46. NTI: India. **Note:** This concerns the supply of 2 VVER-1000 reactors at Kudankulam. DD reports the agreement was suspended in 1991 and revived on June 21, 1998 between India and Russia. WNC 19980621 reports a signature date of June 20, 1998 for the revival of the agreement. July 20, 1998 is apparently the date of the contract for design, following the protocol. NN 20010806 notes a report dated August 6, 2001, that says a construction deal would be signed in October 2001. NN 20020203 gives a date of November 6, 2001, as does WMDI 22:46. NN 20020319 suggests October 6, 2001. WNC 20011106 and WNC 20011107 suggest a signature date of November 6, 2001 for a Memorandum of Understanding between the Russian Atomic Energy Ministry and the Indian Atomic Energy Commission. WNC 20020212 reports a contract for two additional reactors at Kudankulam. NN20020215 suggests that the February 12, 2002 contract may be private. YK 9:3-4 states that the Russian Atomic Energy Ministry and the Indian Atomic Energy Commission sign a Memorandum of Understanding on construction at Kudankulam on November 5 and 6, 2001, and that a private contract is signed November 6, 2001. Later expansions of this private contract apparently occur on December 17, 2001 and February 17, 2002. See also the agreements of January 15, 2003 (sequence number 2064) and March 21, 2003 (sequence number 2065).
1722. **RUSSIA** and **INDIA**. Memorandum of Understanding in the Peaceful Uses of Nuclear Energy. Signed October 3, 2000. **Termination:** unknown. **Source:** IMEA Report 2000-2001. PPNNP 51:4. NTI: WMD Chronology. WNC 20001012. YK 6:3.
2064. **RUSSIA** (Federal Nuclear and Radiation Safety Authority) and **INDIA** (Atomic Energy Regulatory Board). Agreement for Co-operation in the Field of Safety Regulation in the Peaceful Uses of Nuclear Energy. Signed January 15, 2003. **Termination:** unknown. **Source:** NTI: India. WNC 20030116. WNC 20030117. **Note:** This is valid up to the beginning of regular operation of the Kudankulam atomic power station (see sequence number 1226). It is linked to the agreements of November 20, 1988 and June 21, 1998.
2065. **RUSSIA** and **INDIA**. Agreement on Fuel Supply for the Kudankulam Power Station. Announced March 21, 2003. **Termination:** unknown. **Source:** WNC

20030322. **Note:** NTI: India has the date as February 13, 2003. The arrangement is for the lifetime of the power station. See also sequence number 1226.
2066. **RUSSIA** and **INDIA**. Co-operation in Nuclear Power Engineering. Signed November 21, 2003. **Termination:** unknown. **Source:** NTI: India.
1805. **RUSSIA** (Federal Atomic Energy Agency) and **INDIA** (Department of Atomic Energy). Memorandum of Intent on Development of Co-operation in the Construction of Additional Nuclear Power Plant Units at Kudankulam Site as well as in the Construction of Russian Design Nuclear Power Plants at New Sites in the Republic of India. Signed January 25, 2007. **Termination:** unknown. **Source:** IMEA. WNC 20070125; WNC 20070218. NN 20070125.
2067. **RUSSIA** (ROSATOM) and **INDIA** (Nuclear Power Corporation of India). Agreement on Reactors for Kudankulam. Signed February 12, 2008. **Termination:** unknown. **Source:** NTI Newswire February 13, 2008. WNC 20080212. WNC 20080213. ROSATOM February 12, 2008. **Note:** This concerns four additional reactors for Kudankulam. ROSATOM terms this an “inter-governmental” agreement. Later information may indicate this was signed in the Fall of 2008?
0788. **RUSSIA** (USSR) and **INDONESIA**. General Agreement on Technical and Economic Co-operation. Signed September 15, 1956. **Termination:** unknown. **Source:** II March 10, 1960, p. 4. Reference in RIIA 1960, pp. 478-483. **Note:** II refers to an atoms-for-peace program under this. RIIA 1960 gives a February 28, 1960 communiqué (see also sequence number 0216), which refers to this agreement.
0216. **RUSSIA** (USSR) and **INDONESIA**. Second General Agreement on Economic and Technical Co-operation. Signed February 28, 1960; in force July 1, 1960. **Termination:** no specific provision. **Source:** UNTS 5643. **Note:** Atomic energy is one area of co-operation mentioned.
1506. **RUSSIA** (USSR) and **INDONESIA**. Agreement. Signed May 14, 1961. **Termination:** unknown. **Source:** Mir p. 236. **Note:** This concerned the supply of a small reactor to the University of Gadjah Mada in Jogjakarta.
2072. **RUSSIA** and **INDONESIA**. Agreement on Co-operation in the Field of the Peaceful Use of Nuclear Energy. Signed December 1, 2006. **Termination:** unknown. **Source:** WNC 20061202. NN 20061201.
1232. **RUSSIA** (USSR) and **IRAN**. Declaration on the Principles of Relations. Signed June 22, 1989. **Termination:** unknown. **Source:** K 1989:36725. FoF 1989:475. NTI: Iran. **Note:** This refers to extending co-operation in various areas, including the peaceful use of nuclear energy. See also RL-USSR March 9, 1990. NTI: Iran reports this as ratified by Iran on April 13, 1993; this carries over to Russia.

1233. **RUSSIA** (USSR) and **IRAN**. Protocol on Economic Co-operation. Signed March 6, 1990. **Termination:** unknown. **Source:** PPNNP 10:2. EOS 2:7, 3:9, 5:20. NPR 5:1:127. NTI: Iran. **Note:** This includes nuclear research for peaceful purposes. See also RL-USSR March 16, 1990. NTI: Iran suggests this is for two VVER 440 reactors and the completion of Bushehr.
1806. **RUSSIA** and **IRAN**. Agreement on Co-operation in the Field of the Peaceful Use of Nuclear Energy. Signed August 25, 1992. **Termination:** unknown. **Source:** NTI: Iran. WNC 19970708; WNC 20010316; WNC 20050307. Joint Russian-Iranian Communique, March 15, 2001, Iranwatch.org. **Note:** NTI: Iran reports an agreement on the construction of a nuclear power plant signed August 22 or 24, 1992, with 15 years duration. Supposedly, the plant is to be on the Caspian Sea near the Turkmenistan border. It also reports two Iran-Russia agreements in 1992. These include increasing co-operation in nuclear safety, radioisotope production, construction and operation of nuclear power plants, research and development, and training, and 2x440 VVER reactors. However, there is an indication simply that an agreement may be reached “soon” at the IAEA General Conference.
1726. **RUSSIA** and **IRAN**. Co-operation Agreement. Signed January 1995. Protocol signed January 8, 1995; in force January 12, 1996? Additional Protocol early March 1995. Fuel Supply Agreement signed August 1995. Further Agreement March 6, 1998. Agreement for Turn-Key Project signed November 24, 1998. Protocol December 25, 2002. Agreement on Supply of Fuel to Bushehr, signed February 28, 2005. **Termination:** unknown. **Source:** Wehl. Freed. ACT 31:2 2001. Iranwatch.org Governments: Russia. UGA-CITS *Monitor* 1:3 1995. NTI: Iran. NTI: WMD Chronology. WNC 20021225; 20071213. NN 20030102. **Note:** This sequence of agreements concerns the reconstruction of the Iranian nuclear power plants at Bushehr. It is a complex set of relationships, subject to change over time in the nature and extent of co-operation. Wehling and Freedman provide some guidance through this. NTI: Iran says that the August 24, 1995 fuel supply contract is for 10 years. NTI: Iran gives a November 23, 1998 date for an agreement between the Russian Atomic Energy Ministry and the Iranian Atomic Energy Organization for a feasibility study for the completion of Bushehr; this does not seem to be the same as the November 24, 1998 agreement, which is a Memorandum of Understanding to complete Bushehr. WNC 20021225 reports a protocol concerning the construction of reactors and reports agreement on a 10-year supply of fuel. Under the terms of the February 28, 2005 agreement, Russia will supply nuclear fuel, which will be returned to it as spent fuel.
2077. **RUSSIA** (Federal Inspectorate for Nuclear and Radiation Safety) and **IRAN** (Iranian Atomic Energy Organization). Nuclear Safety Agreement. Signed July 6, 1997. **Termination:** unknown. **Source:** NTI: Iran. FBIS FTS 19970707000148.
1807. **RUSSIA** and **IRAN**. Treaty on the Basis for Mutual Relations and the Princi-

ples of Co-operation. Signed March 12, 2001; in force April 5, 2002. **Termination:** Indefinite duration. **Source:** UNTS 38860. **Note:** Article 6 refers to the promotion of co-operation, including in the peaceful use of atomic energy and the construction of nuclear power stations. NTI: Iran reports a nuclear agreement signed March 12-15, 2001.

1808. **RUSSIA** and **IRAN**. Memorandum of Understanding to Expand Economic, Commercial, Scientific and Technical Co-operation. Signed March 18, 2003. **Termination:** unknown. **Source:** NN20030321. Iranwatch.org. **Note:** This includes the development of nuclear energy for peaceful purposes. It was signed at the Fourth Meeting of the Iran-Russia Joint Economic Commission.
0096. **RUSSIA** (USSR) and **IRAQ**. Co-operation in the Peaceful Uses of Atomic Energy. Signed August 17, 1959; in force September 30, 1959. **Termination:** December 21, 1975. **Source:** UNTS 10362. **Note:** Superseded by agreement of April 15, 1975, sequence number 0277.
0789. **RUSSIA** (USSR) and **IRAQ**. Protocol on Scientific and Technical Co-operation in the Field of the Peaceful Utilization of Atomic Energy. Signed July 24, 1969. **Termination:** unknown. **Source:** GS p. 509.
0277. **RUSSIA** (USSR) and **IRAQ**. Co-operation in the Field of the Peaceful Uses of Atomic Energy. Signed April 15, 1975; in force December 22, 1975. **Termination:** indefinite duration. **Source:** UNTS 14857. **Note:** This supersedes the agreement of August 17, 1959, sequence number 0096.
1010. **RUSSIA** (USSR) (State Committee for the Utilization of Atomic Energy) and **IRAQ** (Atomic Energy Commission). Protocol on Co-operation in the Field of the Utilization of Nuclear Energy for Peaceful Purposes. Signed April 15, 1975. **Termination:** unknown. **Source:** G p. 83.
1236. **RUSSIA** (USSR) (Atomenergoexport) and **IRAQ** (Iraq Atomic Energy Commission). Power Reactor Supply Agreement. Announced March 9, 1984. Contract on Site Selection, signed 1984. **Termination:** unknown; site selection contract completed 1986. **Source:** FoF 1984:261. IAEA Annual Report 1984-85, 1986.
1508. **RUSSIA** and **ISRAEL**. Desalination Plant Agreement. Reported August 13, 1993. **Termination:** unknown. **Source:** FBIS-NES-93-160, August 20, 1993; FBIS-NES-94-131, July 8, 1994. **Note:** This concerns a project for a floating reactor. The source of origin is a Cairo newspaper, which refers to "the Zionist entity," which also reports that Israel had completed tests on a 450 MW Russian reactor in the Negev.
0426. **RUSSIA** (USSR) and **ITALY**. Cultural Agreement. Signed February 9, 1960; in force April 10, 1961. **Termination:** indefinite duration. **Source:** UNTS 5735. DI 19:256. **Note:** The communiqué of February 4, 1964, of the commission operating under this agreement mentions exchanges in the nuclear area.

0345. **RUSSIA** (USSR) (State Committee for the Utilization of Atomic Energy) and **ITALY** (Comitato Nazionale per l'Energia Nucleare). Co-operation in the Peaceful Uses of Nuclear Energy. Signed October 22, 1965; in force October 22, 1965. **Termination:** unknown. **Source:** STS 1368. NEA Vol. II, p. 136. Giuliano p. 527. Rohn 564197. **Note:** NLB 45:83 indicates that this agreement was still in force as of 1989. K 1965:21059 indicates that the initial text was for three years, renewable automatically for another three years. See also the agreement of October 10, 1989, sequence number 1238.
0427. **RUSSIA** (USSR) and **ITALY**. Economic and Scientific-Technical Co-operation. Signed April 23, 1966; in force April 23, 1966. Supplementary Protocol November 12, 1970; in force November 12, 1970. **Termination:** indefinite duration. **Source:** UNTS 19742. DI 21:318. GS pp. 343, 344, 572. FBIS-WEU November 29, 1989. **Note:** Nuclear co-operation was discussed by the commission created under this agreement. The FBIS report indicates a program for co-operation for 1989-98, including nuclear power.
1301. **RUSSIA** (USSR) and **ITALY**. Development of Economic, Industrial and Technical Co-operation. Signed July 25, 1974; in force July 25, 1974. Long-Term Programme for the Strengthening of Economic and Industrial Co-operation, signed October 29, 1975; in force October 29, 1975. Protocol to Long-Term Programme, signed October 27, 1979; in force October 29, 1979. **Termination:** June 26, 1985. **Source:** UNTS 19479, 19480. **Note:** The 1974 agreement has no specific nuclear reference, but the Long-Term Programme concluded under it refers to the possible supply of enrichment services and the Protocol to the possible supply of equipment for the Volgodonsk nuclear power engineering plant.
1238. **RUSSIA** (USSR) (State Committee for the Utilization of Atomic Energy) and **ITALY** (Comitato Nazionale per la Ricerca e per lo Sviluppo dell'Energia Nucleare e delle Energie Alternative). Memorandum of Co-operation in the Field of Controlled Themonuclear Fusion. Signed October 10, 1989. **Termination:** unknown. **Source:** NLB 45:83-84. **Note:** This takes place within the framework of the agreement of October 22, 1965, sequence number 0345.
1244. **RUSSIA** (USSR) and **JAPAN**. Nuclear Research Agreement. Reported November 21, 1977. **Termination:** five years duration. **Source:** FoF 1977:988. **Note:** This includes exchanges of personnel and information, and joint projects on reactors and fusion.
1245. **RUSSIA** (USSR) and **JAPAN**. Agreement on Information Exchange and Research and Development in Nuclear Energy. Signed August 1990. **Termination:** unknown. **Source:** EOS 4:40.
1246. **RUSSIA** (USSR) and **JAPAN**. Agreement on Co-operation in the Field of the Peaceful Uses of Nuclear Power. Signed April 1991. **Termination:** unknown. **Source:** FBIS-SOV April 22, 1991.

1247. **RUSSIA** (USSR) and **JAPAN**. Memorandum of Co-operation to Reduce the Impact of the Chernobyl Atomic Power Station Accident on the Health of Residents of the Area. Signed April 1991. **Termination:** unknown. **Source:** FBIS-SOV April 22, 1991.
1510. **RUSSIA** and **JAPAN**. Agreement on Co-operation on Safety in the Nuclear Power Industry. Signed 1993. **Termination:** unknown. **Source:** NPR 2:1:163.
1733. **RUSSIA** and **JAPAN**. Agreement. Reported July 1999. **Termination:** unknown. **Source:** PPNNP 47:2. **Note:** This is apparently a 5-year agreement between research institutes, regarding production of uranium and plutonium MOX fuel and its experimental burning in the Russian BN-600 fast reactor.
1734. **RUSSIA** (Minister for Atomic Energy) and **JAPAN** (Ministry of Foreign Affairs). Memorandum of Understanding on Co-operation in the Fields of Denuclearisation, Disarmament and Non-proliferation in the Russian Federation. Signed September 4, 2000. **Termination:** unknown. **Source:** NLB 66:65. **Note:** This reportedly continues co-operation begun in October 1993 (see sequence number 1510 above?). It covers the dismantling and disposal of decommissioned Russian nuclear submarines and the management and disposal of MOX fuel from Russian surplus weapons-grade plutonium.
1516. **RUSSIA** and **KAZAKHSTAN**. Agreement. Signed March 28, 1994. **Termination:** unknown. **Source:** NPR 2:1:164. **Note:** This concerns co-operation in the production and sale of uranium, beryllium and other materials.
1517. **RUSSIA** and **KAZAKHSTAN**. Agreement on the Non-Military Use of Nuclear Power. Reported January 31, 1995. **Termination:** unknown. **Source:** NPR 2:3:155.
1518. **RUSSIA** and **KAZAKHSTAN**. Financial and Industrial Co-operation Agreement. Signed September 9, 1995. **Termination:** unknown. **Source:** NPR 3:2:122. **Note:** This creates "Interros," an interstate financial-industrial group. Co-operation in the nuclear industry is reportedly a priority area.
2111. **RUSSIA** and **KAZAKHSTAN**. Agreement creating a Joint Atomic Power Station Company. Signed October 12, 2006. **Termination:** unknown. **Source:** Kazakh October 13, 2006. WNC 20071122. **Note:** This follows from a memorandum signed July 25, 2006. It creates the Russo-Kazakhstani Atomic Power Station Company, for the development and promotion of power reactors. WNC 20060725; WNC 20060726.
2112. **RUSSIA** and **KAZAKHSTAN**. Agreement on Creating a Joint Enrichment Center. Signed October 12, 2006. **Termination:** unknown. **Source:** Kazakh October 13, 2006. WNC 20060725. WNC 20070726. **Note:** This is the Angarsk enrichment center project. See also NTI: Kazakhstan; NN 20070523; WMDI 16. See also the agreement of May 10, 2007, sequence number 2115.

2113. **RUSSIA** and **KAZAKHSTAN**. Agreement creating a Joint Exploration Company. Signed October 12, 2006. **Termination:** unknown. **Source:** Kazakh Oct. 13, 2006. WNC 20060725. WNC 2006 0726. **Note:** This concerns the development of the Budenovskoye uranium deposit and exploration of the Yuzhnoye Zarechnoye uranium deposit in Kazakhstan. See also NTI: Kazakhstan; NN 20070523; WMDI 16.
2114. **RUSSIA** and **KAZAKHSTAN**. Comprehensive Program of Russia-Kazakhstan Co-operation in Peaceful Uses of Atomic Energy. Signed December 7, 2006. **Termination:** unknown. **Source:** WNC 20061207.
2115. **RUSSIA** (Federal Nuclear Agency) and **KAZAKHSTAN** (Ministry of Energy and Mineral Resources). Agreement on the Uranium Enrichment Center. Signed May 10, 2007. **Termination:** unknown. **Source:** WNC 20070510. NN 20070523. NN 20071221. NTI: Russia. PIR press release May 10, 2007. INFCIRC /708, June 8, 2007. **Note:** This concerns the Angarsk project. It follows from the agreement of Oct 12, 2006, sequence number 2112.
1256. **RUSSIA** (USSR) and **KOREA (DPRK)**. Nuclear Research Agreement. Signed February 1956. **Termination:** unknown. **Source:** ENSP/NK. **Note:** ST p. 350 mentions a meeting of the North Korea-USSR commission on scientific and technical collaboration in February 1956. Bazh. (p. 127) reports two agreements signed in 1956, but one could be regarding North Korea's membership in the United Institute for Nuclear Research (the Dubna Institute), in which it was a founding member.
0832. **RUSSIA** (USSR) and **KOREA (DPRK)**. Technical Aid in Regard to the Peaceful Use of Atomic Energy. Signed September 7, 1959. **Termination:** unknown. **Source:** GS p. 64. Rohn 469602.
0833. **RUSSIA** (USSR) and **KOREA (DPRK)**. Agreement on Economic and Technical Co-operation in the Construction of a Nuclear Power Plant. Signed December 26, 1985. **Termination:** unknown. **Source:** AFDI. Kaur. pp. 18-19. Zheb. p. 33. NTI: N. Korea. **Note:** This provided for the supply of a VVER-440 type reactor to North Korea. It was modified by the agreement between North Korea and Russia of 1992, sequence number 1745. NTI: N. Korea reports an announcement that co-operation was suspended, July 10, 1991.
1745. **RUSSIA** and **KOREA (DPRK)**. Nuclear Co-operation Agreement. Signed 1992. **Termination:** unknown. **Source:** Kaur. P. 19. **Note:** This apparently modifies the December 26, 1985 agreement with the USSR (sequence number 0833), substituting MP-640 reactors for the VVER-440 reactors under that agreement. After a financial dispute, all work under the agreement may have been halted after April 19, 1993.
2136. **RUSSIA** (USSR) and **KOREA (ROK)**. Contract for Uranium Supply. Signed May 7, 1990. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** This

concerns the supply of 390 tons of enriched uranium by 1999.

1258. **RUSSIA** (USSR) (Ministry of Atomic Energy Engineering and Industry) and **KOREA (ROK)** (Ministry of Science and Technology). Protocol on Co-operation in the Peaceful Use of Atomic Energy. Signed December 14, 1990. **Termination:** unknown. **Source:** FBIS-SOV December 17 and 19, 1990. **Note:** This could be the same as or signed under a scientific and technical co-operation agreement reported for this date. This is carried over to Russia. On May 29, 1993, there is apparently a meeting of the Russia-South Korea Committee on Scientific and Technical Co-operation, with nuclear issues on the agenda.
1747. **RUSSIA** (Kurchatov Institute) and **KOREA (ROK)** (Korea Institute of Nuclear Safety). Special Arrangement. Signed September 29, 1992. **Termination:** unknown. **Source:** KINS.
2122. **RUSSIA** and **KOREA (ROK)**. Loan Repayment Agreement. Signed July 10, 1997. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** This allows repayment of a South Korean loan in kind, including in enriched uranium. There was a prior loan repayment agreement in 1995. NTI: S. Korea also reports an agreement on August 2, 1996.
1748. **RUSSIA** and **KOREA (ROK)**. Agreement. Signed May 28, 1999. **Termination:** unknown. **Source:** NPR 6: 4:188. WNC 19990528. NN 20030625. **Note:** This reportedly updates an existing 1994 protocol on co-operation in the peaceful uses of nuclear energy. WNC 19990528 provides the signature date, and a duration of 10 years. WNC 20000907 notes bilateral consultations under this agreement. See also the agreement of June 21, 2003, sequence number 2125.
2123. **RUSSIA** and **KOREA (ROK)**. Agreement on Co-operation. Signed (?) May 31, 2001. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** This arises during talks on atomic energy co-operation. It concerns the development of advanced nuclear reactors and radioactive waste treatment.
2124. **RUSSIA** (Research Institute of Atomic Reactors) and **KOREA (ROK)** (Korea Atomic Energy Research Institute). Agreement. Signed June 21, 2003. **Termination:** unknown – 10 years duration, renewed automatically for 5-year periods. **Source:** NN 20031020. **Note:** This includes: fundamental and applied research and development in atomic energy; design, construction, operation, maintenance and life extension of power and research reactors; survey and exploration of uranium deposits; development of industrial-scale fabrication of nuclear fuel components and materials; safety; radiation safety and environmental protection; advanced nuclear fuel technology; radioactive waste management.
2125. **RUSSIA** (Research Institute of Atomic Reactors) and **KOREA (ROK)** (Korea

Atomic Energy Research Institute). Technical Co-operation Agreement. Signed June 21, 2003. **Termination:** unknown – 5 years duration? **Source:** NN 20030625. **Note:** This includes: co-operation in advanced reactors and advanced fuel cycles; isotope separation and transmutation; radioisotope production; decontamination and decommissioning; exchanges of information and personnel; joint research projects; use of facilities. It appears to follow from the agreement of May 28, 1999, sequence number 1748.

2126. **RUSSIA** (Atomic Energy Ministry) and **KOREA (ROK)** (Ministry of Science and Technology). Protocol of the 8th Meeting of the Russian-South Korean Co-ordinating Committee for Atomic Energy. Signed October 22, 2003. **Termination:** unknown. **Source:** WNC 20031016. NN 20031020. **Note:** The meeting was held October 20-23, 2003. The protocol includes: co-operation in space power installations, floating nuclear power plants, nuclear power plant control and monitoring systems, and exchanges. There was a 7th meeting in November 2002 and further discussions reported for November 19, 2005. And 11th meeting was held in December 2006. NN 20031023. NN 20051125.
2127. **RUSSIA** and **KOREA (ROK)**. Agreement on Co-operation in Commercial Uses of Low- and High-Powered Nuclear Reactors, Desalination, and Use of Nuclear Technology for space. Signed October 23, 2003. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** It also include joint research on 3rd generation reactors and discussion of Russian uranium supply to South Korea.
2155. **RUSSIA** and **LATVIA**. Agreement on the Return of Irradiated Nuclear Fuel to Russia. Signed December 3, 2007. **Termination:** unknown. **Source:** WNC 20071203. ROSATOM December 13, 2007.
0346. **RUSSIA** (USSR) and **LIBYA**. Agreement on Economic and Technical Co-operation. Signed March 4, 1972; in force December 14, 1972. Exchange of Letters concerning Building an Atomic Power Plant in Libya, signed May 15, 1975. Protocol and Exchange of Letters signed May 30, 1975; in force May 30, 1975. Protocol signed August 12, 1975; in force August 12, 1975. Agreement February 1976. Accord on Tajoura Research Center, signed October 24, 1977. Overhaul agreement signed March 1998. **Termination:** unknown. **Source:** STS 2014, 2375, 2376, 2377, 2378. G pp. 87, 90, 103-4. ACR 9:B76. NPR 6:4:118. **Note:** ACR 9:B76 indicates a second session of the Soviet-Libyan Committee for the Development of Economic, Scientific and Technological Development and Trade, February 1976, updating the agreement and including an agreement on building a nuclear research center. NTI: Libya indicates a re-opening of co-operation with Russia. The agreement of March 1998 was with Atomenergoexport.
0836. **RUSSIA** (USSR) and **LIBYA**. Nuclear Co-operation. Signed March 10, 1978. **Termination:** unknown. **Source:** AAN. **Note:** This concerns a 300-Megawatt power station.

0837. **RUSSIA** (USSR) and **LIBYA**. Nuclear Co-operation. Signed October 3, 1978. **Termination:** unknown. **Source:** MM. **Note:** This concerns a desalination reactor.
0838. **RUSSIA** (USSR) and **LIBYA**. Protocol on Technical Co-operation. Signed April 29, 1981. **Termination:** 1986?. **Source:** AAN. **Note:** This includes thermal and nuclear power stations. Bowen reports that a Soviet power reactor agreement expired in 1986.
2160. **RUSSIA** and **LIBYA**. Agreement. Reported 2000. **Termination:** unknown. **Source:** PPNNP 49: 4. **Note:** This includes military assistance and energy infrastructure assistance. The latter might be extended to Libya's nuclear research center?
2161. **RUSSIA** and **LIBYA**. Declaration of Intentions on Co-operation. Signed April 17, 2008. **Termination:** unknown. **Source:** WNC 20080417. **Note:** This includes the peaceful uses of nuclear energy. A framework agreement and plans are to be signed "as soon as possible."
1759. **RUSSIA** (USSR) and **MONGOLIA**. Agreement on the Mardai Uranium Mine. Signed 1981. Amended June 1999. **Termination:** unknown. **Source:** UINB 99:25. **Note:** The 1981 agreement gave control of the mine to the USSR; the June 1999 agreement with Russia agreed to have control revert to Mongolia in September 1999.
2170. **RUSSIA** and **MONGOLIA**. Framework Co-operation Agreement on the Peaceful Use of Atomic Energy. Signed November 14, 2000. **Termination:** unknown. **Source:** WNC 20001111. WNC 20001114. WNC 20070413. WNC 20080410.
2171. **RUSSIA** and **MONGOLIA**. Protocol on Development of Co-operation in Exploration, Extraction and Processing of Uranium Ore. Signed April 11, 2007. **Termination:** unknown. **Source:** WNC 20070413. WNC 20080410. WNC 20080411. **Note:** This also reportedly leads to the formation of a joint working group.
2172. **RUSSIA** and **MYANMAR**. Agreement to Develop a Nuclear Research Center. Signed May 15, 2007. **Termination:** unknown. **Source:** WNC 20070524. WMDI 16. YK 8:1-2. NTI: WMD Chronology. NN 20070523. ACT 37:5 p. 40. **Note:** This includes a 10 MW Light Water Reactor with 20% highly enriched uranium, an activation-analysis laboratory, medical isotope production laboratory, silicon doping system, and nuclear waste treatment and burial facilities. WNC 20020515 reported a draft agreement for May 14, 2002, and NN 20070523 reported an agreement had first been floated in 2000, but had collapsed over financing in 2003.
1265. **RUSSIA** (USSR) and **NORWAY**. Cultural, Scientific and Technical Agreement for 1961. Signed January 28, 1961. **Termination:** December 31, 1961.

Source: FoF 1961:143. GS p. 129. **Note:** FoF 1961:143 states that this includes nuclear energy.

1427. **RUSSIA** and **NORWAY**. Agreement on Co-operation in the Environmental Field. Signed September 3, 1992. **Termination:** unknown. **Source:** NLB 52:80-81. **Note:** This includes investigation of possible pollution from the dumping of radioactive waste at sea by Russia.
1428. **RUSSIA** and **NORWAY**. Agreement on Early Notification of a Nuclear Accident and Information Exchange on Nuclear Installations. Signed January 10, 1993. **Termination:** unknown. **Source:** NLB 52:80.
1525. **RUSSIA** and **NORWAY**. Agreement. Announced April 28, 1994. **Termination:** unknown. **Source:** NPR 2:1:165. **Note:** This concerns the construction of a storage facility for radioactive waste.
1526. **RUSSIA** and **NORWAY**. Environmental Co-operation in connection with the Dismantling of Russian Nuclear Power Submarines and the Enhancement of Nuclear and Radiation Safety. Signed May 26, 1998; in force May 26, 1998. **Termination:** May 25, 2003. **Source:** NLB 62:85. **Note:** This covers nuclear submarines in the northern region, but also nuclear and radiation safety at nuclear power plants and other nuclear facilities.
0864. **RUSSIA** (USSR) and **PAKISTAN**. Aid in Establishing a Nuclear Power Station in East Pakistan. Signed April 13, 1968. **Termination:** unknown. **Source:** GS p. 435.
0347. **RUSSIA** (USSR) (State Committee for the Use of Atomic Energy) and **PAKISTAN** (Atomic Energy Commission). Peaceful Use of Atomic Energy. Signed May 20, 1970; in force May 20, 1970. **Termination:** May 19, 1980. **Source:** STS 1752.
0252. **RUSSIA** (USSR) and **POLAND**. Agreement on Aid in Developing Research in Physics of the Atomic Nucleus and in Utilization of Atomic Energy for Needs of the National Economy. Signed April 23, 1955; in force April 23, 1955. **Termination:** no specific provision. **Source:** USSR 1958. Rohn 454078.
0870. **RUSSIA** (USSR) and **POLAND**. Technical Aid in the Peaceful Uses of Atomic Energy. Signed January 22, 1958. Amended December 3, 1961. **Termination:** June 19, 1967. **Source:** GS pp. 4, 160. GAK 854-7050, 854-7052. Rohn 469492, 469808. **Note:** Superseded by the agreement of June 20, 1967, sequence number 0348.
0871. **RUSSIA** (USSR) and **POLAND**. Mutual Aid and Co-operation in the Utilization of Nuclear Energy. Signed July 7, 1961. **Termination:** unknown. **Source:** GS p. 151. GAK 854-7140. Rohn 469787.

0348. **RUSSIA (USSR) and POLAND.** Further Co-operation in the Field of the Utilization of Atomic Energy for Peaceful Purposes. Signed June 20, 1967; in force June 20, 1967. **Termination:** no specific provision. **Source:** STS 1583. Rohn 564278. **Note:** This supersedes the agreement of January 22, 1958, sequence number 0870.
0350. **RUSSIA (USSR) and POLAND.** Agreement on Building an Atomic Power Plant in Poland. Signed February 28, 1974; in force February 28, 1974. **Termination:** April 13, 1983. **Source:** STS 2243. G p. 9. **Note:** Superseded by agreement of April 14, 1983, in force April 14, 1983, sequence number 0349.
0351. **RUSSIA (USSR) and POLAND.** Co-operation in the Production of Equipment for Atomic Power Plants. Signed April 24, 1974; in force April 24, 1974. **Termination:** no specific provision. **Source:** STS 2244. G p. 19.
1018. **RUSSIA (USSR) and POLAND.** Assistance to Poland in Construction of an Atomic Power Station. Announced July 9, 1974. **Termination:** unknown. **Source:** G p. 38.
1434. **RUSSIA (USSR) and POLAND.** Construction of a Nuclear Power Plant in the USSR for Energy in Poland. Signed March 29, 1979. **Termination:** unknown. **Source:** UWTRC 808049.
0349. **RUSSIA (USSR) and POLAND.** Agreement on Atomic Power Station. Signed April 14, 1983; in force April 14, 1983. **Termination:** no specific provision. **Source:** STS 4016. **Note:** This supersedes the agreement of February 28, 1974, sequence number 0350.
0173. **RUSSIA (USSR) and POLAND.** Long-Term Program for Economic and Scientific-Technical Co-operation for the Period Ending in 2000. Signed May 4, 1984; in force May 4, 1984. **Termination:** December 31, 2000. **Source:** RSP May 31, 1984 p. 39. CDSP 36:19:14-15. **Note:** The agreement includes nuclear electricity generation as one area of co-operation.
1432. **RUSSIA and POLAND.** Agreement on Early Notification and Co-operation on Nuclear Safety and Radiation Protection. Signed February 15, 1995; in force May 18, 1995. **Termination:** unknown. **Source:** NLB 56:101-102.
0253. **RUSSIA (USSR) and ROMANIA.** Agreement on Aid in Developing Research in Physics of the Atomic Nucleus and in Utilization of Atomic Energy for Needs of the National Economy. Signed April 22, 1955; in force April 22, 1955. **Termination:** no specific provision. **Source:** USSR 1958. Rohn 468390.
0879. **RUSSIA (USSR) and ROMANIA.** Co-operation Concerning Peaceful Uses of Atomic Energy. Signed April 19, 1962. **Termination:** unknown. **Source:** GS p. 175. GAK 870-7100. Rohn 469834.

0342. **RUSSIA (USSR) and ROMANIA.** Building a Reactor in Romania. Signed May 26, 1970; in force May 26, 1970. Amended December 30, 1974; in force December 30, 1974. **Termination:** no specific provision. **Source:** STS 1758, 2247, G p. 62. Rohn 564462.
1022. **RUSSIA (USSR) and ROMANIA.** Co-operation in Production of Equipment for Nuclear Power Stations. Signed August 19, 1977; in force August 19, 1977. **Termination:** unknown. **Source:** G p. 225.
0344. **RUSSIA (USSR) and ROMANIA.** Co-operation in Building an Atomic Power Plant in the USSR. Signed July 1, 1981; in force July 1, 1981. **Termination:** June 30, 2001. **Source:** STS 2944.
0343. **RUSSIA (USSR) and ROMANIA.** Co-operation in the Construction of an Atomic Power Plant in Romania. Signed September 9, 1982; in force December 31, 1982. **Termination:** no specific provision. **Source:** STS 3039.
2178. **RUSSIA and ROMANIA.** Agreement on Notification of Nuclear Accidents and Exchange of Information about Nuclear Installations. Reported October 19, 2001. **Termination:** unknown. **Source:** NN 20011022.
1529. **RUSSIA and SLOVAK REPUBLIC.** Nuclear Co-operation Agreement. Signed November 1993. **Termination:** unknown. **Source:** NPR 1:3:147.
1530. **RUSSIA and SLOVAK REPUBLIC.** Agreement. Signed February 13, 1995. **Termination:** unknown. **Source:** NPR 2:3:156; NPR 3:3:129. PPNNP 32:9. CDSP 47:7:24-25. **Note:** This concerns the completion of the Mochovce reactor. There may be a second agreement on November 17, 1995.
1539. **RUSSIA and SLOVAK REPUBLIC.** Agreement. Reported April 30, 1997. **Termination:** unknown. **Source:** CDSP 49:17:20. **Note:** This apparently concerns the supply of nuclear fuel by Russia.
1763. **RUSSIA and SOUTH AFRICA.** Declaration of Co-operation in Nuclear Energy. Signed April 28, 1999. **Termination:** unknown. **Source:** NPR 6: 4:198.
2181. **RUSSIA and SOUTH AFRICA.** Agreement on Co-operation in the Peaceful Use of Atomic Energy. Signed November 2004. **Termination:** unknown. **Source:** WNC 20041121. **Note:** This as signed around November 21, 2004. The agreement was signed at a meeting of the Joint Intergovernmental Committee on Trade and Economic Co-operation.
2182. **RUSSIA and SOUTH AFRICA.** Agreement on Nuclear Fuel Supply. Reported September 5, 2006. **Termination:** 2010. **Source:** WNC 20060905. **Note:** This is for deliveries to South Africa until 2010.
0352. **RUSSIA (USSR) (State Committee for the Utilization of Atomic Energy) and SWEDEN (Swedish Royal Academy of Engineering Sciences).** Protocol on

Nuclear Co-operation. Signed February 2, 1968; in force February 12, 1968. **Termination:** indefinite duration. **Source:** STS 1600. **Note:** This was signed under the agreement on scientific and technological co-operation of September 19, 1966.

0103. **RUSSIA (USSR) and SWEDEN.** Co-operation in the Peaceful Uses of Atomic Energy. Signed January 12, 1970; in force November 12, 1970. **Termination:** November 11, 2000. **Source:** UNTS 11201. **Note:** Carried over to Russia.
0148. **RUSSIA (USSR) and SWEDEN.** Program for the Development of Long-Term Economic, Industrial, Scientific and Technical Co-operation. Signed April 25, 1975; in force April 25, 1975. **Termination:** April 24, 1985. **Source:** UNTS 18271. **Note:** Co-operation in the peaceful uses of atomic energy and in materials used in nuclear power generation are areas mentioned.
1052. **RUSSIA (USSR) and SWEDEN.** Agreement on Early Notification of a Nuclear Accident and on the Exchange of Information Relating to Nuclear Facilities. Signed January 13, 1988; in force April 3, 1988. **Termination:** indefinite duration. **Source:** IAEA p. 407. NLB 46:88. UNTS 27073. **Note:** Carried over from USSR.
1531. **RUSSIA and SWEDEN.** Co-operation in the Regulation of Nuclear Safety and Radiation Protection. Signed December 2, 1997; in force December 2, 1997. **Termination:** December 1, 2002. **Source:** NLB 62:85-86.
2183. **RUSSIA (USSR) and SWITZERLAND.** Agreement on Co-operation concerning the Peaceful Uses of Nuclear Energy. Signed 1990. **Termination:** unknown. **Source:** IAEA-CNPP Switzerland 2003.
1277. **RUSSIA (USSR) and SYRIA.** Reactor Supply Agreement. Signed February 1983. Confirmed December 11, 1984. **Termination:** unknown. **Source:** FoF 1984:992. NTI: Syria. **Note:** NTI: Syria gives the February 1983 date of signature, and notes an economic protocol signed in April 1983 (sequence number 2223) which includes articles on the supply of a reactor.
2223. **RUSSIA (USSR) and SYRIA.** Economic Protocol. Signed April 1983. **Termination:** unknown. **Source:** NTI: Syria. **Note:** This includes the provision of a nuclear power reactor. A study was begun in May 1983 and concluding in 1986.
2184. **RUSSIA (Rosatom) and SYRIA (Atomic Energy Commission of Syria).** Memorandum of Co-operation. Signed between December 1997 and February 1998. **Termination:** unknown. **Source:** NTI: Syria. **Note:** This is signed during a meeting of the Russian-Syrian Commission on Trade and Scientific and Technical Co-operation. It provides the foundation for the agreement of May 21, 1999, sequence number 1764.
2185. **RUSSIA (Rosatom) and SYRIA (Atomic Energy Commission of Syria).**

Agreement. Signed June-July 1998. **Termination:** unknown. **Source:** NTI: Syria. **Note:** This concerns the construction of a center for nuclear research and training.

1764. **RUSSIA** and **SYRIA**. Agreement on Co-operation on the Peaceful Uses of Nuclear Power. Signed May 21, 1999. **Termination:** unknown. **Source:** NLB 64:71. NTI: Syria. WNC19990519. WNC 19990520. **Note:** NPR Vol. 6, No. 4, Fall 1999, p. 199 reports the date as May 18, 1999, and gives a 10-year duration. As well, there is a report of a May 19 agreement for the construction of two reactors. The agreement was apparently concluded under the terms of a comprehensive co-operation agreement signed in 1997. NTI: Syria reports agreement on the two reactors in June-July 1998, also reports a 10-year duration, and suggests it follows from a December 1997 agreement see sequence number 1284?). It gives the signature date as May 22, 1999. WNC 19990519 gives the signature date as May 19, 1999. WNC 19990520 gives the duration as 10 years.
1027. **RUSSIA** (USSR) and **TURKEY**. Early Notification of Nuclear Accidents and Exchange of Information on Nuclear Facilities. Signed July 29, 1988. **Termination:** unknown. **Source:** NLB 42:52.
1614. **RUSSIA** and **UKRAINE**. Treaty on Friendship, Good Neighbourliness and Co-operation. Signed November 19, 1990; in force June 14, 1991. **Termination:** indefinite duration. **Source:** UNTS 28208. **Note:** Article 8 includes co-operation in environmental protection, including mitigation of the consequences of the Chernobyl incident.
1532. **RUSSIA** and **UKRAINE**. Scientific-Technical and Economic Co-operation in the Field of Atomic Energy. Reported January 15, 1993. **Termination:** unknown. **Source:** CDSP 45:2:21. **Note:** NPR 1:2: 138 reports an agreement under which Russia will provide enriched uranium and take back spent fuel while Ukraine will provide uranium and zirconium.
2186. **RUSSIA** (Atomic Energy Ministry) and **UKRAINE** (State Atomic Committee). Fuel Supply Agreement. Reported June 25, 1996. **Termination:** 10 years duration. **Source:** WNC 19960625. **Note:** This concerns co-operation with the Russian Atomic Energy Ministry and terms of supply for nuclear fuel.
1528. **RUSSIA** and **UKRAINE**. Treaty of Economic Co-operation. Announced February 28, 1998. **Termination:** 2007. **Source:** CDSP 50:9:6. WNC 19980909. **Note:** Co-operation in the atomic power area seems to be included, including Russian participation in the construction of units at the Rovno and Khmelnytsky Atomic Power Stations. WNC 19980909 reports discussions of atomic energy at a meeting on September 8, 1998.
2187. **RUSSIA** and **UKRAINE**. Agreement on Completion of Units at the Kmelnytsky and Rivne Nuclear Power Stations. Reported December 14, 2001. **Termi-**

nation: unknown. **Source:** NN 20011214.

2188. **RUSSIA** and **UKRAINE**. Protocol of Co-operation in the Sphere of Peaceful Uses of Nuclear Energy for 2002. Signed February 22, 2002. **Termination:** 2002? **Source:** WNC 20020222. NN 20020226. **Note:** This includes fuel supply.
1765. **RUSSIA** (Federal Agency for Nuclear and Radiation Safety) and **UKRAINE** (State Nuclear Regulatory Committee). Agreement on the Exchange of Information and Co-operation in the Field of Safety Regulation in respect of the Peaceful Utilization of Nuclear Energy. Signed August 15, 2002; in force August 15, 2002. **Termination:** August 14, 2005. **Source:** NLB 70:66.
2189. **RUSSIA** and **UKRAINE**. Protocol on Co-operation in Peaceful Uses of Nuclear Energy. Signed 2004. **Termination:** unknown. **Source:** NN 20040213.
2190. **RUSSIA** and **UKRAINE**. Extension of Co-operation in the Nuclear Power Industry for 2004. Signed February 5, 2004. **Termination:** 2004? **Source:** NN 20040213.
2191. **RUSSIA** and **UKRAINE**. Co-operation in Nuclear Fuel Production. Announced January 21, 2006. **Termination:** unknown: 10 years duration. **Source:** WNC 20060121. **Note:** This is one of three agreements announced concerning uranium production in Ukraine, and setting up a high-level group within an existing subcommission on nuclear energy and nuclear materials.
2192. **RUSSIA** and **UKRAINE**. Co-operation in Uranium Production in Ukraine. Announced January 21, 2006. **Termination:** unknown: 10 years duration. **Source:** WNC 20060121. **Note:** This is one of three agreements announced.
2193. **RUSSIA** and **UKRAINE**. Creation of a High-Level Group within the Subcommission on Nuclear Energy and Nuclear Materials. Announced January 21, 2006. **Termination:** unknown: 10 years duration. **Source:** WNC 20060121. **Note:** This is one of three agreements announced.
2194. **RUSSIA** (Russian Atomic Energy Agency) and **UKRAINE** (Ministry of Fuel and Energy). Co-operation in the Nuclear Sector and Nuclear-Industrial Complex. Reported September 19, 2006. **Termination:** unknown. **Source:** WNC 20060919. **Note:** This includes the creation of a working group for co-operation and integration.
2195. **RUSSIA** and **UKRAINE**. Protocol of Intent concerning Co-operation between Atomic Industries. Signed June 4, 2007. **Termination:** unknown. **Source:** WNC 20070604. PIR. **Note:** This includes development of co-operation in scientific and technical support to nuclear industries, increasing safety and extending the life of reactors, designing and building new nuclear power plants, developing fuel cycle enterprises and seeking joint access to third-party markets.

2196. **RUSSIA** and **UKRAINE**. Action Plan. Signed February 12, 2008. **Termination:** unknown. **Source:** PIR Angarsk Chronology. **Note:** This includes an agreement to consider Ukrainian participation in the Angarsk international uranium enrichment center.
0902. **RUSSIA** (USSR) (State Committee for the Utilization of Atomic Energy) and **UNITED KINGDOM** (Atomic Energy Authority). Co-operation in the Utilization of Atomic Energy for Peaceful Purposes. Signed May 19, 1961; in force May 19, 1961. Amended May 19 or 23, 1966. Amended October 1970. **Termination:** 1976. **Source:** GS p. 143. GAK 918-7300, 918-7301. AEA 1970-71. Rohn 469768. Atom No. 57, pp. 2-3.
0903. **RUSSIA** (USSR) and **UNITED KINGDOM**. Agreement for Co-operation in the Fields of Applied Science and Technology. Signed January 19, 1968; in force January 19, 1968. Supplement May 6, 1974. Extended May 23 and August 16, 1978; in force August 16, 1978. Supplemented by Programme for the Development of Economic and Industrial Co-operation for the Period 1991-2000, June 8, 1990. **Termination:** unknown. **Source:** GS p. 424. GAK 918-7660. UNTS 9277. UKTS 1968/59, 1974/43, 1991/56, 2000/46. **Note:** This includes nuclear techniques as an area of co-operation. It was carried over to Russia, and as well, on July 28 and 29, 1999, was extended to Ukraine (see sequence number 1819).
1278. **RUSSIA** (USSR) (State Committee for the Utilization of Atomic Energy) and **UNITED KINGDOM** (Atomic Energy Authority). Collaboration Agreement on Fast Reactor Experience. Noted 1987-1988. **Termination:** unknown. **Source:** AEA 1987/88.
1028. **RUSSIA** (USSR) (State Commission on Supervision of Nuclear Power Safety) and **UNITED KINGDOM** (Health and Safety Executive). Exchange of Information Concerning Nuclear Safety. Signed September 21, 1988; in force September 21, 1988. **Termination:** September 20, 1993. **Source:** NLB 42:52-53.
1279. **RUSSIA** (USSR) and **UNITED KINGDOM**. Agreement on Early Notification of a Nuclear Accident and Exchange of Information Concerning the Operation and Management of Nuclear Facilities, and Protocol. Signed April 10, 1990; in force April 10, 1990. **Termination:** indefinite duration. **Source:** UKTS 1990/54, 2000/46. UNTS 28196. **Note:** carried over to Russia and to Ukraine (sequence number 1820).
1311. **RUSSIA** (USSR) and **UNITED KINGDOM**. Programme for the Development of Economic and Industrial Co-operation for the Period 1991-2000. Signed June 8, 1990; in force June 8, 1990. **Termination:** December 31, 2000. **Source:** UKTS 1991/56. UNTS 28651. **Note:** This includes the production of electronic equipment and instruments, including for nuclear power stations.

1306. **RUSSIA** and **UNITED KINGDOM**. Treaty on Principles of Relations. Signed November 9, 1992; in force June 25, 1993. **Termination:** indefinite duration. **Source:** UKTS 1993/60. **Note:** This includes a reference to co-operation in civil nuclear energy, including nuclear safety.
1436. **RUSSIA** and **UNITED KINGDOM**. Co-operation in the Peaceful Uses of Nuclear Energy. Signed September 3, 1996. Supplementary Agreement signed June 26, 2003; in force April 7, 2006. **Termination:** indefinite duration. **Source:** NLB 58:126-7. UKTS 2006/19. WNC 20030626. **Note:** The supplementary agreement concerns British assistance in the dismantling of Russian nuclear submarines and the handling of spent nuclear fuel and radioactive waste.
0146. **RUSSIA** (USSR) (State Committee for the Utilization of Atomic Energy) and **UNITED STATES** (Atomic Energy Commission). Co-operation in the Field of the Utilization of Atomic Energy for Peaceful Purposes, 1960-61. Signed November 24, 1959; in force January 1, 1960. Co-operation in the Field of Atomic Energy, 1963-1965, May 21, 1963; in force May 21, 1963. **Termination:** December 31, 1965. **Source:** UNTS 5172. TIAS 4362. ILM 2:786. AEC 1967. **Note:** This sequence follows from general agreements for scientific, technical, educational and cultural exchanges, the first signed November 21, 1959 and in force January 1, 1960, and the second signed May 8, 1962. No succeeding arrangement seems to have negotiated under the general exchange agreement for 1966-67 (see UNTS 9617), although informal exchanges seem to have continued.
0326. **RUSSIA** (USSR) and **UNITED STATES**. Co-operation in the Field of Desalination, Including the Use of Atomic Energy. Signed November 18, 1964; in force November 18, 1964. Amended November 18 and December 3, 1966; in force December 3, 1966 with retroactive effect from November 18, 1966. **Termination:** November 18, 1968. **Source:** UNTS 7786. STS 1239.
0156. **RUSSIA** (USSR) (State Committee for the Utilization of Atomic Energy) and **UNITED STATES** (Atomic Energy Commission). Memorandum on Co-operation in the Peaceful Uses of Atomic Energy, 1968-69. Signed July 29, 1968; in force July 29, 1968 with retroactive effect from January 1, 1968. Memorandum on Co-operation in the Peaceful Uses of Atomic Energy, 1970-71, February 10, 1970; in force February 10, 1970 with retroactive effect from January 1, 1970. Memorandum on Co-operation in the Peaceful Uses of Atomic Energy for 1972-73, signed September 28, 1972. **Termination:** unknown. **Source:** UNTS 10069, 10774, 12212, 13344. TIAS 6570, 6878, 7343. **Note:** This sequence follows from general agreements for scientific, technical, educational and cultural exchanges, the first signed and in force July 15, 1968, the second signed and in force February 10, 1970, and the third signed and in force April 11, 1972 with effect from January 1, 1972. FoF 72:866 reports that the 1972 agreement expanded the exchange to include fusion and fast breeder reactors.

0905. **RUSSIA** (USSR) (State Committee for the Utilization of Atomic Energy) and **UNITED STATES** (Atomic Energy Commission). Joint Experiments at the National Accelerator Laboratory [US] and Serpukhov [USSR]. Signed November 30 and December 11, 1970. **Termination:** unknown. **Source:** GS p. 577. AEC 1970.
0120. **RUSSIA** (USSR) and **UNITED STATES**. Scientific and Technical Co-operation in the Field of Peaceful Uses of Atomic Energy. Signed June 21, 1973; in force June 21, 1973. Amended July 5 and August 1, 1983; in force August 1, 1983 with retroactive effect from June 20, 1983. Amended June 20 and July 7, 1989; in force July 7, 1989 with retroactive effect from June 20, 1989. Amended November 21 and December 12, 1989; in force December 12, 1989. **Termination:** unknown. **Source:** UNTS 13344. TIAS 7655, 10757. STS 2137. ILM. USTF 1990.
0191. **RUSSIA** (USSR) (State Committee for the Utilization of Atomic Energy) and **UNITED STATES** (Atomic Energy Commission). Joint Projects in Controlled Thermonuclear Fusion and Plasma Physics. Signed February 6, 1974; in force February 6, 1974. **Termination:** February 5, 1984. **Source:** G p. 5. ILM 13:400.
0809. **RUSSIA** (USSR) and **UNITED STATES**. Agreement on Safety Co-operation. Signed August 1986. **Termination:** unknown. **Source:** Referenced in the Protocol of US-USSR Nuclear Safety Discussions, March 2-13, 1987, NRC text. **Note:** The agreement was reached at a meeting of the US-USSR Joint Committee on Peaceful Uses of Atomic Energy.
1029. **RUSSIA** (USSR) (State Committee for the Utilization of Atomic Energy) and **UNITED STATES** (Nuclear Regulatory Commission). Memorandum of Co-operation in the Field of Civilian Nuclear Safety. Signed April 26, 1988; in force April 26, 1988. **Termination:** unknown (apparently extended to 1996). **Source:** TIAS 11486. NRC 1988. NLB 43:94-95. USTF 1994. UNTS 40344. **Note:** taken over by Russia in April 1993. NPR 1:2:139.
1280. **RUSSIA** (USSR) (State Committee on the Use of Nuclear Power) and **UNITED STATES** (Department of Energy). Agreement Regarding Joint Studies in the Field of Controlled Thermonuclear Fusion and Plasma Physics. Signed 1989; in force 1989. **Termination:** 1999. **Source:** NTIS DE90-002751.
1281. **RUSSIA** (USSR) and **UNITED STATES**. Agreement on Scientific and Technical Co-operation in the Field of Peaceful Uses of Atomic Energy. Signed June 1, 1990; in force June 1, 1990. **Termination:** January 11, 1998. **Source:** TIAS 11487. ILM. FoF 1990:417-8. USTF 1994. USDOE. UNTS 40343. **Note:** This appears to be extended in a Ukraine -US agreement, sequence number 1451. It was extended in 1996 for 18 months to permit re-negotiation between the US and Russia, and terminated between those two on January 11,

1998. US DOE. NRC 1996.

1456. **RUSSIA (USSR) and UNITED STATES.** Memorandum of Co-operation in the Fields of Environmental Restoration and Waste Management. Signed September 18, 1990; in force September 18, 1990. **Termination:** September 17, 1995. **Source:** USTF 1992, 1993. US DOE. **Note:** This appears to be extended as a Ukraine-US agreement, sequence number 1452. It also appears to have carried over to Russia.
1372. **RUSSIA (USSR) and UNITED STATES.** Memorandum of Co-operation in the Field of Magnetic Confinement Fusion. Signed July 5, 1991; in force July 5, 1991. **Termination:** September 15, 1996. **Source:** KAV 4309. US DOE (web). **Note:** This appears to be extended in a Ukraine-US agreement, sequence number 1538. USTF 1997. Superseded between Russia and the United States by the agreement of September 16, 1996, sequence number 1617.
1456. **RUSSIA and UNITED STATES.** Memorandum of Co-operation in the Fields of Environmental Restoration and Waste Management. Signed September 18, 1990; in force September 18, 1990. **Termination:** September 17, 1995. See Note. **Source:** USTF 1992, 1993. US: DOE. USTF 2000, 2001. **Note:** This appears to be extended from USSR.
1615. **RUSSIA (Ministry of Fuels and Energy) and UNITED STATES (Department of Energy).** Joint Statement of Intent on Co-operation in Electric Power Technologies. Signed March 18, 1992. **Termination:** no specific provision. **Source:** US DOE. **Note:** Nuclear energy is one area of co-operation – “salvaging” Russian investment in unfinished nuclear power plants by converting them to coal or gas.
1307. **RUSSIA and UNITED STATES.** Charter of Russo-American Partnership and Friendship. Signed June 17, 1992. **Termination:** no specific provision. **Source:** FBIS-SOV-92-118, June 18, 1992. **Note:** This appears to be a political declaration. It includes a reference to nuclear power.
1308. **RUSSIA and UNITED STATES.** Arrangement concerning the Disposition of Highly-Enriched Uranium extracted from Nuclear Weapons. Signed February 18, 1993; in force February 18, 1993. Memorandum of Understanding regarding Transparency and Additional Arrangements, signed September 1, 1993; in force September 1, 1993. Protocol on Highly Enriched Uranium (HEU) Transparency Arrangements in Furtherance of the Memorandum of Understanding of September 1, 1993, signed March 18, 1994; in force March 18, 1994. Additional Agreement announced April 22, 2003. **Termination:** indefinite duration. **Source:** PPNNP21:18-20. NLB 51:86-87. USTF 1994, 1997. USDS April 5, 1993, No. 14. US DOE. WNC 20030422. **Note:** This concerns the purchase by and delivery to the US, for conversion to Low-Enriched Uranium and subsequent sale, of Highly-Enriched Uranium from Russian warheads.

1533. **RUSSIA and UNITED STATES.** Agreement concerning Control, Accounting and Physical Protection of Nuclear Material. Signed September 2, 1993; in force September 2, 1993. Amended January 20, 1995. **Termination:** unknown. **Source:** USTF 1997, 1998. **Note:** This is listed in USTF as a weapons agreement.
1437. **RUSSIA and UNITED STATES.** Agreement concerning Operational Safety Enhancement, Risk Reduction Measures and Nuclear Safety Regulations for Civil Nuclear Facilities in the Russian Federation. Signed December 16, 1993; in force December 16, 1993. **Termination:** 2000? **Source:** TIAS 11488. NLB 53:109-110. KAV 3737. USTF 1994, 2001, 2002. UNTS 40321. **Note:** This is listed in USTF 2001 but not in USTF 2002, therefore it is tentatively treated as terminated in 2000.
1438. **RUSSIA and UNITED STATES.** Agreement on Co-operation in Research on Radiation Effects for the Purposes of Minimizing the Consequences of Radioactive Contamination on Health and the Environment. Signed January 14, 1994; in force January 14, 1994. Amended March 10, 2000; in force March 10, 2000. Amended May 4, 2007; in force May 4, 2007. **Termination:** unknown. **Source:** NRC 1993. KAV 3783. USTF 1997, 2008. US DOE. USDS. USDS 2007. TIAS 11481. UNTS 40347. WNC 20070119. PGS docs.
1439. **RUSSIA** (Federal Nuclear and Radiation Safety Authority) and **UNITED STATES** (Department of Energy). Co-operation in Enhancing the Safety of Russian Nuclear Fuel Cycle Facilities and Research Reactors. Signed June 30, 1995; in force June 30, 1995. Amended January 31 and February 26, 2002; in force February 26, 2002 with retroactive effect from June 30, 2000. **Termination:** unknown. **Source:** TIAS 12672USDS September 11, 1995. KAV 4366. USTF 1997, 2004. US DOE. USDS. USDS 2002. PGS docs. **Note:** This created a Joint Committee on co-operation.
1440. **RUSSIA** (Federal Nuclear and Radiation Safety Authority) and **UNITED STATES** (Department of Energy). Agreement to Co-operate on National Protection, Control and Accounting of Nuclear Materials. Signed June 30, 1995; in force June 30, 1995. Extended June 26, 2000; in force June 30, 2000. Amended September 27, 2005; in force September 27, 2005 with retroactive effect from June 30, 2005. **Termination:** unknown. **Source:** USDS Dispatch, September 11, 1995, No. 37. USDS 2005. UGA-CITS *Monitor* 1:3 1995. PGS docs. USTF 2006.
1441. **RUSSIA and UNITED STATES.** Memorandum of Understanding on Co-operation in Natural and Man-Made Technological Emergency Prevention and Response. Signed July 16, 1996; in force July 16, 1996. **Termination:** unknown. **Source:** ILM. USTF 1998.
1616. **RUSSIA** (Ministry of Atomic Energy) and **UNITED STATES** (Department of Energy). Memorandum of Co-operation in the Field of Civilian Nuclear Reac-

- tor Safety. Signed September 16, 1996; in force September 16, 1996. **Termination:** September 15, 2001. **Source:** US DOE.
1617. **RUSSIA** (Ministry of Atomic Energy) and **UNITED STATES** (Department of Energy). Memorandum of Co-operation in the Field of Magnetic Confinement Fusion. Signed September 16, 1996; in force September 16, 1996. **Termination:** September 15, 2001. **Source:** US DOE. **Note:** This continues the Soviet-US co-operation under the agreement of July 5, 1991, sequence number 1372.
1618. **RUSSIA** (Ministry of Atomic Energy) and **UNITED STATES** (Department of Energy). Memorandum of Co-operation in the Fields of Environmental Restoration and Waste Management. Signed September 16, 1996; in force September 16, 1996. **Termination:** September 15, 2001. **Source:** US DOE.
1511. **RUSSIA** and **UNITED STATES**. Scientific and Technical Co-operation in the Management of Plutonium that has been Withdrawn from Nuclear Military Programs. Signed July 24, 1998; in force July 24, 1998. **Termination:** July 23, 2003. **Source:** ILM 37:1296. ILM. USDOE. **Note:** One area of work is conversion of the plutonium to MOX fuel. DD (web). NN 19990228. NN 20030801.
- 1619 **RUSSIA** (Academy of Sciences) and **UNITED STATES** (Department of Energy). Memorandum of Understanding on Co-operation in Science and Technology. Signed March 24, 1999; in force March 24, 1999. Implementing Arrangements on Geologic Disposal of Nuclear Waste, signed May 2000 (announced May 23, 2000). **Termination:** March 23, 2004. **Source:** US DOE. NN 20000531. **Note:** This falls under the Russia-US Science and Technology Agreement of December 16, 1993.
2197. **RUSSIA** (Ministry of Atomic Energy) and **UNITED STATES** (Department of Energy). Joint Declaration on Ecological Safety. Signed March 25, 1999. **Termination:** unknown. **Source:** WNC 19990325. **Note:** This concerns areas in which nuclear facilities are located.
2198. **RUSSIA** (Ministry of Atomic Energy) and **UNITED STATES** (Department of Energy). Agreement on Submarine Spent Nuclear Fuel. Reported July 22, 1999. **Termination:** unknown. **Source:** WNC 19990722. **Note:** This concerns the reprocessing of spent nuclear fuel from submarines, into enriched uranium suitable for power reactor use.
2199. **RUSSIA** and **UNITED STATES**. Agreement on Co-operation in the Monitoring and Safeguarding of Nuclear Materials. Signed October 2, 1999. **Termination:** unknown. **Source:** NN 19991004.
1766. **RUSSIA** (Ministry of Atomic Energy) and **UNITED STATES** (Department of Energy). Establishment of a Tank Retrieval and Closure Demonstration Center at Zheleznogorsk. Signed March 2000. **Termination:** unknown. **Source:** PPNNP 49:21. **Note:** This concerns high-level waste tanks and comes under

the “nuclear cities” project.

2200. **RUSSIA and UNITED STATES.** Memorandum of Co-operation in the Field of the Return to Russia of Spent Nuclear Fuel from Russian-Made Research Reactors. Signed November 7, 2003. **Termination:** unknown. **Source:** NN 20040527. **Note:** The agreement of May 27, 2004, sequence number 2201, follows from this.
2201. **RUSSIA and UNITED STATES.** Agreement on Co-operation in Imports to the Russian Federation of Research Reactor Fuel Produced in the Russian Federation. Signed May 27, 2004; in force May 27, 2004. **Termination:** unknown. **Source:** USDS 2004. WNC 20040527. WNC 20051223. NN 20040527. **Note:** This concerns the return of fuel to Russia from research reactors supplied to other states by Russia. It follows from the US-Russia agreement of November 7, 2003, sequence number 2200.
2202. **RUSSIA and UZBEKISTAN.** Agreement on Scientific and Technical Co-operation in the Field of the Peaceful Use of Nuclear Energy. Signed December 22, 1997. **Termination:** unknown. **Source:** WNC 19971222. WNC 19980106. NTI: Uzbekistan.
2203. **RUSSIA and UZBEKISTAN.** Treaty of Strategic Partnership. Signed June 16, 2004. **Termination:** unknown. **Source:** WNC 20040616. **Note:** This includes a reference to co-operation in the peaceful uses of atomic energy.
2204. **RUSSIA and UZBEKISTAN.** Joint Uranium Project. Announced November 1, 2006. **Termination:** unknown. **Source:** NTI: Uzbekistan. **Note:** This concerns uranium exploration and production in Uzbekistan.
2205. **RUSSIA and UZBEKISTAN.** Protocol on Co-operation. Signed March 2, 2007. **Termination:** unknown. **Source:** WNC 20070704. **Note:** This includes atomic energy.
2206. **RUSSIA and VIETNAM.** Agreement on Co-operation in the Peaceful Uses of Atomic Energy. Signed March 27, 2002. **Termination:** unknown. **Source:** WNC 20020327. WNC 20020401. WNC 20021011. NN 20020412. **Note:** This includes co-operation in fundamental and applied nuclear research, studies in designing, building and operating nuclear power plants, safe operation of the research reactor at Dalat, prospecting and development of uranium deposits, radioactive waste, safety, and production and application of radioisotopes. WNC 20021011 reports the signature date as March 2001. NN 20040527 reports that a program of co-operation for 2004-5 had been drawn up.
2207. **RUSSIA and VIETNAM.** Memorandum of Understanding on Nuclear Co-operation. Signed February 2004. **Termination:** unknown. **Source:** NN 20040527. **Note:** Russia agrees to help build a power reactor.

2208. **RUSSIA** and **VIETNAM**. Protocol of the 2nd Meeting of the Joint Committee on Atomic Energy. Signed May 18, 2005. **Termination:** unknown. **Source:** WNC 20050518. NN 20050519. **Note:** This includes modernization of the Dalat reactor and geological surveys and development of uranium resources in Vietnam.
0182. **RUSSIA** (USSR) and **YUGOSLAVIA**. Developing Research in Nuclear Physics and in Utilization of Atomic Energy for Peaceful Purposes. Signed January 28, 1956; in force January 28, 1956. Protocol on collaboration between scientific and technical institutions, February 9, 1957. **Termination:** no specific provision. (Yugoslavia dissolved in 1991.) **Source:** USSR 1958; Dodatak 1959/30. Rohn 468475; 468480.
0379. **RUSSIA** (USSR) and **YUGOSLAVIA**. Co-operation in the Peaceful Uses of Atomic Energy. Signed January 10, 1963. **Termination:** unknown. (Yugoslavia dissolved in 1991.) **Source:** GAK 985-7280. Dodatak 1963/145.
0380. **RUSSIA** (USSR) and **YUGOSLAVIA**. Protocol on Co-operation in the Field of the Peaceful Uses of Atomic Energy in 1963-1964. Signed April 7, 1963. **Termination:** December 31, 1964. **Source:** GAK 985-7300. Dodatak 1964/73.
1030. **RUSSIA** (USSR) and **YUGOSLAVIA**. Co-operation in Manufacture of Equipment for Atomic Power Stations. Signed April 11, 1975. **Termination:** unknown. (Yugoslavia dissolved in 1991.) **Source:** G p. 81.
1282. **RUSSIA** (USSR) and **YUGOSLAVIA**. Trade and Economic Co-operation Agreement. Signed March 24, 1983. **Termination:** unknown. (Yugoslavia dissolved in 1991.) **Source:** FoF 1983:256. **Note:** This might include nuclear co-operation.

