2009

A List of Bilateral Civilian Nuclear Co-operation Agreements: Volumes 1 - 5

Keeley, James F.

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A LIST OF
BILATERAL CIVILIAN
NUCLEAR CO-OPERATION
AGREEMENTS

VOLUME 5:
LIST BY SEQUENCES

James F. Keeley
Department of Political Science
and
Centre for Military and Strategic Studies
University of Calgary
Calgary, Alberta
Canada
T2N 1N4

© James F. Keeley, 2009
To my wife, Meeta
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VOLUME 5:
LIST BY SEQUENCES

List by Sequences


0013. **UNITED STATES** and **VENEZUELA.** Co-operation Concerning Civil Uses of Atomic Energy. Signed July 21, 1955; in force July 21, 1955. **Termination:** February 8, 1960. **Source:** UNTS 3357. TIAS 3323. **Note:** Superseded by agreement of October 8, 1958, sequence number 0059.


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 **Note:** Superseded by agreement of June 22, 1956, sequence number 0038.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.

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 **Note:** Superseded by agreement of June 16, 1958, sequence number 0053.


0031. **AUSTRIA** and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed June 8, 1956; in force July 13, 1956. **Termination:** January 24, 1960. **Source:** UNTS 3581. TIAS 3600. **Note:** Superseded by agreement of July 22, 1959, sequence number 0058.


Note: Superseded by the agreement of August 25, 1995, sequence number 1444. NTI: South Africa indicates a termination of co-operation by 1986, but it may have revived after the end of apartheid in S. Africa and the termination of the S. African nuclear weapons program.


0063. **AUSTRALIA** and **CANADA**. Co-operation in the Peaceful Uses of Atomic Energy. Signed August 4, 1959; in force October 7, 1959. **Termination:** March 8, 1981. **Source:** UNTS 5623. CTS 1959/18. ATS 1959/16. **Note:** Su-
perseded by agreement of March 9, 1981, sequence number 0144.


0065. **COSTA RICA** and **UNITED STATES.** Co-operation Concerning Civil Uses of Atomic Energy. Signed May 18, 1956; in force February 8, 1961. **Termination:** February 7, 1966. **Source:** UNTS 5814. TIAS 4682.


0072. **CANADA** and **SWEDEN.** Co-operation in the Peaceful Uses of Atomic En-


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.

0075. **SWITZERLAND** and **UNITED KINGDOM.** Co-operation in the Peaceful Uses of Atomic Energy. Signed August 11, 1964; in force August 5, 1965. **Termination:** August 4, 1975. **Source:** UNTS 8059. UKTS 1965/86. **Note:** See also the agreement of December 12, 1968, sequence number 1274.


force June 27, 1974. **Termination:** April 10, 1984. **Source:** UNTS 8725. TIAS 6076, 7000, 7854. **Note:** This supersedes the agreement of January 18, 1956, sequence number 0026. Superseded by agreement of December 19, 1983, sequence number 0197.


0085. **BRAZIL** and **UNITED STATES.** Co-operation Concerning Civil Uses of Atomic Energy. Signed July 8, 1965; in force November 6, 1966. **Termination:** September 19, 1972. **Source:** UNTS 9603. TIAS 6126. **Note:** Superseded by agreement of July 17, 1972, sequence number 0111.


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.


0091. **ARGENTINA** and **PARAGUAY**. 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.


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.


0097. **AUSTRIA** and **UNITED STATES**. Co-operation Concerning Civil Uses of Atomic Energy. Signed July 11, 1969; in force January 24, 1970. Amended June 14, 1974; in force October 8, 1974. **Termination:** April 11, 1996. **Source:** UNTS 10431. TIAS 6815, 7912. **Note:** This supersedes the agree-


0101. **BULGARIA** and **CZECH REPUBLIC** (Czechoslovakia). Co-operation in the Peaceful Uses of Atomic Energy. Signed June 12, 1970; in force June 12, 1970. **Termination:** indefinite duration. **Source:** UNTS 11082. **Note:** This calls for the respective atomic energy authorities to negotiate two-year protocols.


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.


of this new agreement.


0116. **Canada** and **Russia (USSR).** 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.

0117. **Brazil** and **Paraguay.** 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.


0121. **Spain** and **United States.** Co-operation Concerning Civil Uses of Atomic Energy. Signed March 20, 1974; in force June 28, 1974. **Termination:**


0130. **KUWAIT** and **UNITED KINGDOM.** Agreement Concerning Nuclear Cooperation. 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.


0132. **BRAZIL** and **GERMANY, FEDERAL REPUBLIC OF.** 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.


0134. **CANADA** and **SPAIN.** Co-operation in the Development and Application of Atomic Energy for Peaceful Purposes. Signed July 7, 1975; in force April 21, 1976. **Termination:** indefinite duration. **Source:** UNTS 15127. CTS 1976/19. **Note:** This supersedes the agreement of September 8, 1964, sequence number 0114.

0135. **BELGO-LUXEMBOURG ECONOMIC UNION** and **CHINA (PRC).** Protocol on Scientific and Technological Co-operation. Signed November 23, 1979; in force November 23, 1979. **Termination:** indefinite duration. **Source:** UNTS 18296. **Note:** This includes nuclear co-operation.


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 Regu-
tory Commission into an agreement with the multilateral OECD Halden Reactor Project, on whose behalf the Institutt is acting.


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.


Note: This is listed in USTF 2001 but not in USTF 2002, therefore it is tentatively treated as terminated in 2000.


0152. **FRANCE** (Commissariat à l'Energie Atomique) and **UNITED STATES** (Department of Energy). Isotopic Enrichment of Uranium by Chemical Exchange. Signed September 4, 1979; in force October 31, 1979. **Termination:** indefinite duration. **Source:** TIAS 9651.

0153. **AUSTRALIA** and **JAPAN**. 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.

0154. **BRAZIL** and **UNITED STATES**. Exchange of Notes Regarding a Joint Cooperative Program for the Reconnaissance of the Uranium Resources of Brazil. Signed August 3, 1955; in force August 3, 1955. Amended August 5, 1957; in force August 5, 1957, with retroactive effect from August 3, 1957. **Termination:** December 25, 1957. **Source:** UNTS 3893. TIAS 3835, 3872. **Note:** Superseded by agreement of December 26, 1957, sequence number 0366. The superseding agreement is included under UNTS 3893.

0155. **CHILE** and **UNITED STATES**. Exchange of Notes Relating to Uranium Reconnaissance. Signed April 10 and 20, 1956; in force September 26, 1957. Amended November 18 and December 18, 1959, with retroactive effect from September 26, 1959. **Termination:** December 31, 1960. **Source:** UNTS 4295. TIAS 3912, 4396.


clear energy is one area of co-operation.

0163. AUSTRALIA and UNITED KINGDOM. Nuclear Transfers between Australia and the United Kingdom. Signed July 24, 1979; in force July 24, 1979. **Termination:** indefinite duration. **Source:** UNTS 18945. UKTS 1980/6. ATS 1979/11. **Note:** Under the terms of this agreement, its safeguards arrangements could be superseded by those in an Australia-Euratom agreement if appropriate. Such an agreement was signed on September 21, 1982, sequence 0212.


0167. ARGENTINA and BRAZIL. Development and Application of Nuclear Energy for Peaceful Purposes. Signed May 17, 1980; in force provisionally from May 17, 1980 and definitively on October 20, 1983. **Termination:** indefinite duration. **Source:** UNTS 21249, 22473. NLB 27:30. DAI.


0170. **ALGERIA** and **FRANCE.** Distribution of Educational Establishments. Signed September 7, 1962; in force September 7, 1962. **Termination:** June 10, 1963. **Source:** UNTS 10819. **Note:** This includes arrangements for nuclear physics facilities. It was superseded by the agreement of June 11, 1963, sequence number 0171.

0171. **ALGERIA** and **FRANCE.** Distribution of Educational Establishments. Signed June 11, 1963; in force June 11, 1963. **Termination:** June 10, 1967. **Source:** UNTS 10820. **Note:** This includes arrangements for the Institut d'Etudes Nucléaires. This supersedes the agreement of September 2, 1962, sequence number 0170. It was superseded by the agreement of March 16, 1968, sequence number 0168.


0175. **SPAIN** and **UNITED KINGDOM.** Safeguards and Assurances Relating to a Transfer of Nuclear Material from the United Kingdom to Spain. Signed April 20, July 12 and September 14, 1982; in force September 14, 1982 with retroactive effect from July 12, 1982. **Termination:** no specific provision. **Source:** UKTS 1983/1. UNTS 21210.


0183. **UNITED KINGDOM** (Health and Safety Executive) and **UNITED STATES**

0184. **UNITED KINGDOM** Atomic Energy Authority on behalf of the National Centre of Systems Reliability) and **UNITED STATES** (Nuclear Regulatory Commission). Reliability Research [safety]. Signed October 10, 1975; in force October 10, 1975 with retroactive effect from August 21, 1975. **Termination:** September 30, 1977. **Source:** UNTS 16261. NRC text.


0186. **UNITED KINGDOM** (Atomic Energy Authority) and **UNITED STATES** (Nuclear Regulatory Commission). Implementing Agreement for Collaboration in Experimental Programs Concerned with the Safety of Nuclear Reactors. Signed November 10, and December 14, 1976; in force December 14, 1976. **Termination:** December 13, 1980. **Source:** UNTS 16586. TIAS 8687.


0189. **UNITED KINGDOM** and **VENEZUELA**. Safeguards and Assurances Relating to a Transfer of Nuclear Material from the United Kingdom to Venezuela. Signed August 9, 1982; in force August 9, 1982. **Termination:** no specific provision. **Source:** UKTS 1982/57.

0190. **CHINA (ROC)** (China Atomic Energy Council) and **UNITED STATES** (Nuclear Regulatory Commission). Regulatory Assistance [safety]. Memorandum of Conversation signed March 20, 1978. **Termination:** August 2, 1983. **Source:** NRC text. **Note:** Superseded by the agreement of May 12 and August 3, 1983, sequence number 0192.


0194. **SWEDEN** and **UNITED KINGDOM**. Safeguards and Assurances Relating to Transfers of Nuclear Material from Sweden to the United Kingdom. Signed May 16, 1984; in force May 16, 1984. **Termination:** no specific provision. **Source:** UKTS 1984/60. UNTS 23700.


Note: This seems to include formation of a Scientific and Economic Commission to oversee the exchange of nuclear and related technologies.


0199. SPAIN and VENEZUELA. Basic Agreement on Technical Co-operation. Signed August 10, 1973; in force May 29, 1974. Termination: indefinite duration. Source: UNTS 14760. VLA 1977. Note: At the 1974 meeting of the mixed commission created by this agreement, the possibility of a complementary accord between the Spanish Junta de Energía Nuclear and the Venezuela Consejo de Asuntos Nucleares was discussed. Such an accord was signed in 1976, sequence number 1284, and another on February 2, 1979, sequence number 1023. According to the VLA 1984, some discussion of co-operation with the Spanish Junta occurred at the February 24-25, 1983 meeting of a subcommission.


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.

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.

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.


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).


0213. **ARGENTINA** (Comisión Nacional de Energía Atómica) and **BRAZIL** (Comissão Nacional de Energia Nuclear). Co-operation Agreement. Signed May 17, 1980; in force August 18, 1982 with retroactive effect from May 17, 1980. **Termination:** indefinite duration. **Source:** Resenha April-June 1980, pp. 203-206. DAI.

0214. **ARGENTINA** (Comisión Nacional de Energía Atómica) and **BRAZIL** (Comissão Nacional de Energia Nuclear). Protocol No. 1 Concerning Technical Information in the Nuclear Sector. Signed August 20, 1980. **Termination:** indefinite duration. **Source:** Resenha July-September 1980, pp. 149-50. DAI.

ary 11, 1991, sequence number 1254.

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.


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.


tion: indefinite duration. **Source:** UNTS 16520.


0225. **FRANCE** and **RUSSIA** (USSR). 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.


0229. **FRANCE** (Commissariat à l'Energie Atomique) and **UNITED STATES** (Nuclear Regulatory Commission). Technical Exchange and Co-operation in Light Water Reactor Safety Research. Signed June 16 and September 12, 1980; in force September 12, 1980. **Termination:** September 11, 1985. **Source:** TIAS 9897. UNTS 21019. **Note:** This supersedes the agreement of June 16, 1980, sequence number 0227. Co-operation in this area continues under the agreement of November 28, 1986, sequence number 0709.

0230. **FRANCE** (Commissariat à l'Energie Atomique) and **UNITED STATES** (Nuclear Regulatory Commission). Research and Technical Exchange in Loss of Fluid Test [safety]. Signed July 30 and September 12, 1980; in force September 12, 1980. **Termination:** September 11, 1983. **Source:** TIAS 9888. UNTS 21018.

0231. **FRANCE** and **UNITED STATES**. Retransfer of Nuclear Power Light Water


0239. FINLAND (Institute of Radiation Protection) and UNITED STATES (Nuclear Regulatory Commission). Technical Information Exchange and Co-operation


0245. **JAPAN** (Japan Atomic Energy Research Institute Nuclear Safety Research Re-


28 and April 28, 1980 is listed in USTF 2001 but not in USTF 2002, and therefore is treated as terminated in 2001.


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.


0264. DENMARK (Atomic Energy Commission) and UNITED STATES (Nuclear


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.

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.


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.

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). Cooperation 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.

0276. **IRAN** (Atomic Energy Organization) and **UNITED STATES** (Nuclear Regulatory Commission). Exchange of Technical Information and Co-operation in

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.


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.

0280. **UNITED STATES** and **YUGOSLAVIA**. Exchange of Notes Regarding Supply of Enriched Uranium for a TRIGA Reactor. Signed January 16, 1980; in force July 14, 1980. **Termination:** indefinite duration. (Yugoslavia dissolved in 1991.) **Source:** TIAS 9767. **Note:** This is in conjunction with a US-IAEA-Yugoslavia agreement of January 16, 1980.

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.

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).


0287. BRAZIL and CHINA (PRC). Co-operation in the Peaceful Uses of Nuclear Energy. Signed May 29, 1984; in force May 29, 1984. **Termination:** no specific provision. **Source:** ILM 24:1392. UNTS 23035. DAI. **Note:** This is an agreement to pursue the negotiation of a nuclear co-operation agreement.

0288. BRAZIL and GERMANY, FEDERAL REPUBLIC OF. 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.


0291. CHINA (PRC) and GERMANY, FEDERAL REPUBLIC OF. 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.

0292. **CHINA (PRC) and RUSSIA (USSR).** 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.

0293. **CHINA (PRC) and UNITED KINGDOM.** Co-operation in the Peaceful Uses of Nuclear Energy. Signed June 3, 1985; in force June 3, 1985. **Termination:** indefinite duration. **Source:** UKTS 1985/60. UNTS 24586.


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.

0297. **EUROPEAN UNION (Euratom) and UNITED KINGDOM.** Protocol No. 28 on the Exchange of Information with the United Kingdom in the Field of Nuclear Energy. Signed January 22, 1972; in force January 1, 1973. **Termination:** no specific provision. **Source:** FRGB 1972:1125.

0299. **COLOMBIA** and **UNITED STATES**. Co-operation Concerning Civil Uses of Nuclear Energy. Signed January 8, 1981; in force September 7, 1983. **Termination:** September 6, 2013. **Source:** TIAS 10722. UNTS 28129. **Note:** This supersedes the agreement of April 9, 1962, sequence number 0069.

0300. **CZECH REPUBLIC** (Czechoslovakia) and **FRANCE**. Protocol Concerning Cultural, Scientific and Technical Exchanges. Signed September 26, 1964; in force September 26, 1964. **Termination:** unknown. **Source:** UNTS 10726. **Note:** The agreement contains provisions for consultation between the State Committee for Atomic Energy and the Commissariat à l'Energie Atomique regarding the establishment of regular contacts between the two bodies. NBF 970:19 notes continuing nuclear co-operation under this in the area of nuclear energy in 1968.


0302. **DENMARK** and **RUSSIA** (USSR). 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.

0303. **EGYPT** and **UNITED STATES**. Principles of Relations and Co-operation. Signed June 14, 1974; in force June 14, 1974. **Termination:** no specific provision. **Source:** UNTS 13951. **Note:** This provides for the initiation of negotiations on a nuclear co-operation agreement.

0304. **AUSTRALIA** and **FRANCE**. Agreement to Enable Conversion and/or Enrichment in France of Australian Origin Nuclear Material Supplied to Japan. Signed October 30, 1980; in force October 30, 1980. **Termination:** September 11, 1981. **Source:** UNTS 19645. ATS 1980/27. **Note:** This terminates when the agreement of January 7, 1981, sequence number 0305, comes into force. See also the Australia-Japan agreement of December 12, 1980, sequence number 0467.


0308. **BELGIUM and EGYPT.** Co-operation in the Peaceful Uses of Nuclear Energy. Signed November 8, 1984; in force August 1, 1985. **Termination:** indefinite duration. **Source:** UNTS 24268. NLB 37:52. RBDI 18:839.


0313. **CANADA and EGYPT.** Co-operation in the Peaceful Uses of Nuclear Energy.


0324. **INDIA** and **RUSSIA** (USSR). Fifteen-Year Agreement on Development of


**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.


**0328. BULGARIA and RUSSIA (USSR).** Co-operation in Building Atomic Power Plants. Signed October 1, 1981; in force October 1, 1981. **Termination:** no specific provision. **Source:** STS 2917.

**0329. CZECH REPUBLIC (Czechoslovakia) and RUSSIA (USSR).** Construction of Atomic Power Plants. Signed April 30, 1970; in force April 30, 1970. **Termination:** no specific provision. **Source:** STS 1777. Rohn 564341.


**0331. CZECH REPUBLIC (Czechoslovakia) and RUSSIA (USSR).** Further Co-operation 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.

**0332. CZECH REPUBLIC (Czechoslovakia) and RUSSIA (USSR).** 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.

**0333. CZECH REPUBLIC (Czechoslovakia) and RUSSIA (USSR).** Building of Atomic Power Plants in Czechoslovakia. Signed November 27, 1980; in force


0336. FRANCE (Commissariat à l'Energie Atomique) and RUSSIA (USSR) (State Committee for the Utilization of Atomic Energy). 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.


0341. INDIA and RUSSIA (USSR). Long-Term Program of Economic, Trade and Scientific-Technical Co-operation. Signed March 14, 1979; in force March 14,
Note: Nuclear co-operation is one area of activity.


0348. POLAND and RUSSIA (USSR). Further Co-operation in the Field of the Uti-
lization 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.

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.


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.

0353. ARGENTINA and RUSSIA (USSR). 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, No. 1, p. 90. STS 2484. G p. 6. **Note:** Nuclear energy is one area of co-operation mentioned in the Spanish text.

0354. GERMAN DEMOCRATIC REPUBLIC and POLAND. 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.


0364. FRANCE and YUGOSLAVIA Economic and Technical Co-operation.


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:** Dodatak 1966/144. India Bilaterals.

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.

Termination: no specific provision. (Yugoslavia dissolved in 1991.) Source: Dodatak 1963/75; 1963/98. Note: This appendix refers to an atomic power project.


There may be ongoing conversations under this agreement.


0391. **FRANCE** and **QATAR**. 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.

0392. **FRANCE** and **LIBYA**. 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.

0393. **FRANCE** and **INDONESIA**. 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.

0394. **FRANCE** and **UNITED ARAB EMIRATES**. Co-operation in the Nuclear Field. Signed March 6, 1980; in force March 6, 1980. **Termination:** indefinite duration. **Source:** UNTS 21526. RTAF 1982/54. Base Pacte. **Note:** NN 20070723 reports an agreement on July 20, 2007 to put this agreement into effect.

0395. **FRANCE** and **MEXICO**. 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.

0396. **FRANCE** and **TRINIDAD**. Economic and Technical Co-operation. Signed April 18, 1978; in force April 18, 1978. **Termination:** indefinite duration. **Source:** UNTS 16918. RTAF 1978/53. **Note:** Nuclear energy is one area of co-operation mentioned.

0397. **FRANCE** and **RUSSIA** (USSR). Ten-Year Program of Economic and Industrial Co-operation. Signed December 6, 1974; in force January 1, 1975. **Termination:** 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.

0398. **ARGENTINA** and **BRAZIL**. Declaration on Nuclear Policy (Brasilia). Signed December 10, 1986; in force December 10, 1986. **Termination:** no specific provision. **Source:** RIL April 1987, p. 70. DAI.

0399. **ARGENTINA** and **CHILE**. Co-operation in the Field of the Peaceful Uses of
Nuclear Energy. Signed November 13, 1976. In force retroactively September 1, 1976? **Termination:** indefinite duration. **Source:** ChM 1976:399. Rohn 522103. **Note:** Ornstein, p. 52, says this “entered force on September 1 of that same year.” See also the agreements of 1978 (sequence number 0923) and September 20, 1983 (sequence number 1055), which might follow from this.

0400. **ARGENTINA** and **ECUADOR.** Technical Co-operation. Signed January 27, 1972. **Termination:** unknown. **Source:** AB 1972. **Note:** This creates a co-operation commission. The report of the meeting of this commission on October 31, 1972 includes a mention of nuclear co-operation.


0403. **ARGENTINA** and **ITALY.** 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.

0404. **ARGENTINA** and **LIBYA.** 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. Rohn 401249. **Note:** Apparently superseded by the agreement reported April 27, 1979, sequence number 1068.


0406. **ARGENTINA** (Comisión Nacional de Energía Atómica) and **BRAZIL** (Comissão Nacional de Energia Nuclear). Annex 1 to Protocol 11 of the Agreement on Argentine-Brazilian Integration: Early Notification and Mutual Assistance in the Case of a Nuclear Accident or Radiological Emergency. Signed December 10, 1986. **Termination:** unknown. **Source:** RIL April 1987, p. 71. NLB 39:36-37. IAEA p. 23. **Note:** This creates the notification and assistance system called for in Protocol 11 of the agreement of July 29, 1986, sequence number 0285.


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.


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.


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.

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.


0434. **ALGERIA** and **INDIA**. Nuclear Co-operation. Signed February 28, 1980; in force February 28, 1980. **Termination:** unknown. **Source:** INMR.

0435. **ARGENTINA** and **BOLIVIA**. Co-operation in the Field of the Peaceful Uses of Nuclear Energy. Signed March 19, 1970; in force February 18, 1971. **Termination:** indefinite duration. **Source:** AM 1971. Rohn 401454. CNEA 86-

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.


0438. **ARGENTINA** (Comisión Nacional de Energía Atómica) and **COLOMBIA** (Instituto Atómico Nacional). Nuclear Co-operation. Signed October 21, 1982. **Termination:** unknown. **Source:** AM 1982. **Note:** This appears to be an agreement to undertake negotiations regarding a research reactor, a radioisotope production plant and a pilot plant for the treatment of radioactive minerals. Ornstein p. 31 reports that the project never started.


0442. **ARGENTINA** and **FRANCE**. Cultural, Scientific and Technical Co-operation. Signed October 3, 1964; in force January 4, 1967. **Termination:** indefinite duration. **Source:** UNTS 9080. RTAF 1968/57. AB 1972. **Note:** A communiqué after a meeting of the commission created under this agreement refers to
nuclear co-operation.

0443. ARGENTINA and GERMANY, FEDERAL REPUBLIC OF. Safeguards for the Atucha Reactor. Signed September 7, 1976. **Termination:** unknown. **Source:** AM 1976.


0447. ARGENTINA and KOREA (ROK). Nuclear Co-operation. Signed 1980. **Termination:** unknown. **Source:** Poul. p.24. CNEA 80:44.

0448. ARGENTINA and MEXICO. Nuclear Co-operation. Signed October 5, 1972; in force October 5, 1972. **Termination:** unknown. **Source:** Rohn 401529.

0449. ARGENTINA and PAKISTAN. 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.


0451. ARGENTINA and PERU. 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 660 and also the Peru-US agreement of May 22, 1978, sequence number 0282.

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:** September 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.


0457. **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungszentrum Karlsruhe), and **UNITED STATES** (Nuclear Regulatory Commission). Co-operative 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.

0458. **ARGENTINA** (Comisión Nacional de Energía Atómica) and **UNITED STATES** (Atomic Energy Commission). Increased Co-operation in Reactor Development and other Fields. Announced December 13, 1965. **Termination:** unknown. **Source:** GAK 925-2410.

0459. **ARGENTINA** and **VENEZUELA**. Basic Convention on Technical Co-operation. Signed February 29, 1972. **Termination:** unknown. **Source:** VLA 1973. **Note:** Peaceful use of nuclear energy is one area of co-operation.

0460. **ARGENTINA** and **VENEZUELA**. Co-operation on Nuclear Energy for
Peaceful Purposes. Signed August 8, 1979; in force November 17, 1979. **Termination:** indefinite duration. **Source:** AM 1980. NLB 25:42. Ornstein p. 55. **Note:** This follows from the Argentina-Venezuela agreement on technical co-operation of February 29, 1972, sequence number 0459.

0461. **ARGENTINA** and **YUGOSLAVIA.** Co-operation in the Use of Nuclear Energy for Peaceful Purposes. Signed September 23, 1982. **Termination:** unknown. (Yugoslavia dissolved in 1991.) **Source:** AM 1982. CNEA 86-87:58-59. **Note:** CNEA 86-87:58-59 states this is for ten years, renewable by mutual agreement, and lists it as being in force as of December 31, 1987.

0462. **ARGENTINA** (Comisión Nacional de Energía Atómica) and **BOLIVIA** (Nuclear Energy Commission). Agreement on Co-operation in the Field of Nuclear Energy. Signed April 25, 1979. **Termination:** one year duration. **Source:** JPRS-LAM May 11, 1979. **Note:** This includes assistance in the installation of a subcritical assembly in Bolivia.


0464. **AUSTRALIA** and **FRANCE.** Agreement on a Preparatory Study Regarding the Construction of an Enrichment Plant in Australia. Signed March 9, 1972. **Termination:** unknown. **Source:** PEF. AAEC 1972. **Note:** The study was to take one year, with no commitment beyond this.

0465. **AUSTRALIA** and **FRANCE.** Nuclear Transfers. Signed January 7, 1980. **Termination:** unknown. **Source:** APP 1980-82.

0466. **AUSTRALIA** (Atomic Energy Commission) and **INDIA** (Department of Atomic Energy). 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.

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

0468. **AUSTRALIA** (Atomic Energy Commission) and **NEW ZEALAND** (Atomic Energy Committee). 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.


0473. **AUSTRALIA** (Atomic Energy Commission) and **UNITED KINGDOM** (Atomic Energy Authority). Joint Study on a Design for a Natural Uranium Fuelled Steam Generating Heavy Water Reactor Suitable for Australian Conditions. Signed August 1967. **Termination:** unknown. **Source:** GAK 918-7630. AEA 1967-68.

0474. **AUSTRALIA** (Atomic Energy Commission) and **UNITED STATES** (Atomic Energy Commission). Exchange of Information on High-Temperature Gas-Cooled Reactors and Related Subjects. Signed August 1962. **Termination:** unknown. **Source:** AEC 1962. GAK 925-1815. **Note:** The other subjects include chemical and metallurgical properties of beryllium and its compounds, nuclear physics data on reactor materials (including neutron physics), coolant circuit technology, and waste disposal development and management.

0475. **AUSTRIA** and **EUROPEAN UNION** (Euratom). Framework Agreement for Scientific and Technical Co-operation. Signed March 9, 1987. **Termination:** unknown. **Source:** BEC 1987, No. 3, p. 25. **Note:** This includes some nuclear subjects.

0476. **AUSTRIA** (Austrian authorities) and **FRANCE** (Commissariat à l'Energie Atomique). Co-operation Agreement. Signed January 19, 1967. **Termination:** unknown. **Source:** CEA 1967. **Note:** Subjects include safety, fast neutron reactors, the production and use of radioisotopes, and problems posed in increasing the power of the Austrian research reactor.

0477. **JAPAN** (Japan Atomic Energy Research Institute) and **UNITED STATES** (Nuclear Regulatory Commission). United States Nuclear Regulatory Com-

0478. **AUSTRIA** (Office of the Federal Chancellor) and **UNITED KINGDOM** (Atomic Energy Authority). Co-operation in the Field of Nuclear Energy. Signed May 5, 1969; in force May 5, 1969. **Termination:** unknown. **Source:** AEA 1969-70. GAK 918-7770. **Note:** This formalizes existing collaboration.


0480. **BANGLADESH** and **INDIA**. 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.


0482. **BELGIUM** and **EGYPT**. Memorandum of Understanding Concerning Co-operation in the Peaceful Uses of Nuclear Energy. Signed March 22, 1983. **Termination:** unknown. **Source:** Referenced in agreement of November 8, 1984, sequence number 0308.

0483. **BELGIUM** (Ecole Royale Militaire and Brussels Free University) and **EUROPEAN UNION** (Euratom). Contract of Association Concerning Fusion. Signed July 10, 1969. **Termination:** unknown. **Source:** BEC 1969, No. 9/10, p. 58.

0484. **BELGIUM** (Centre d'Etude de l'Energie Nucléaire/Studiecentrum voor Kernenergie) and **EUROPEAN UNION** (Euratom). Nuclear Documentation Agreement. Signed December 11, 1975. **Termination:** unknown. **Source:**

0486. BELGIUM (Centre d'Etude de l'Energie Nucléaire/Studiecentrum voor Kernenergie) and GERMANY, FEDERAL REPUBLIC OF (Kernforschungszentrum Karlsruhe). 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 temperature gas reactors.


0488. BELGIUM and POLAND. Co-operation in the Peaceful Uses of Nuclear Energy. Signed December 7 or 9, 1965. **Termination:** unknown. **Source:** GAK 854-7270. Rohn 458127.


0490. BELGIUM (Centre d'Etude de l'Energie Nucléaire/Studiecentrum voor Kernenergie) and UNITED KINGDOM (Atomic Energy Authority). Arrangements to Carry Out Further Irradiation Experiments in the BR-2 Reactor. Signed 1963 or 1964. **Termination:** unknown. **Source:** GAK 918-7400. AEA 1963-64.

0491. BELGIUM (Commissariat à l'Energie Atomique) and UNITED KINGDOM (Atomic Energy Authority). Co-operation in the Field of Nuclear Energy. Signed April 28, 1966. **Termination:** unknown. **Source:** GAK 918-7570.

0492. BELGIUM (Centre d'Etude de l'Energie Nucléaire/Studiecentrum voor Kernenergie) and UNITED STATES (Nuclear Regulatory Commission). Plan of Research Co-operation Concerning Reactor Pressure Vessel Integrity [safety]. Signed January 22, 1982. **Termination:** unknown. **Source:** NRC 1982.

0494. **BRAZIL** and **FRANCE**. Uranium Plant Contract. Signed August 13, 1976. **Termination:** unknown. **Source:** PEF 1976. **Note:** See also the agreement of January 6, 1981, sequence number 0411.


0496. **BRAZIL** (Conselho Nacional de Pequisas) and **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungsanlage Jülich). Scientific Co-operation. Signed November 18, 1971; in force November 18, 1971. **Termination:** unknown. **Source:** BR 1971. DAI. UNTS 40024.

0497. **BRAZIL** and **GERMANY, FEDERAL REPUBLIC OF**. Peaceful Uses of Nuclear Energy. Signed October 1, 1976; in force January 26, 1977. **Termination:** unknown. **Source:** Rohn 405714. DAI.

0498. **BRAZIL** and **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungszentrum Karlsruhe). 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.


1981; 1982. AIUA p. 709. Note: This follows from the agreement of July 8, 1968, sequence number 0407. CNEA 81:45 notes that the Plan for 1981-82 includes a feasibility study for a reactor in the Montevideo area. CNEA 82 gives a signature date for the 1983-84 Plan as December 16, 1982. CNEA 83:53 indicates that the feasibility study was continuing.


0512. **BULGARIA** and **RUSSIA** (USSR). 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.

0513. **BULGARIA** and **YUGOSLAVIA**. Nuclear Co-operation. Signed September 8, 1967. **Termination:** unknown. (Yugoslavia dissolved in 1991.) **Source:** AFDI.

0514. **CANADA** and **EUROPEAN UNION** (Euratom). Framework Agreement for Commercial and Economic Co-operation. Signed July 6, 1976; in force October 1, 1976. **Termination:** indefinite duration. **Source:** UNTS 17707. BEC 1978, No. 3, p. 80. **Note:** The discussions of the Joint Co-operation Committee established under this include nuclear topics.

0515. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **UNITED STATES** (Nuclear Regulatory Commission). Debris-Bed Coolability 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.

0519. **CANADA** and **FRANCE**. Exchange of Experiences in the Metallurgical Field and Concerning the Study of Heavy Water Reactors. Signed 1959. **Termination:** unknown. **Source:** GAK 700-7080.

0520. **CANADA** and **FRANCE**. Modalities of Control of Plutonium Sold by Canada

0521. **CANADA** and **FRANCE.** Exchange of Letters concerning the Canada- Euratom Agreement on the Peaceful Uses of Nuclear Energy. Signed April 9, 1981. **Termination:** unknown. **Source:** CEA 1981. **Note:** See also the Canada-Euratom agreement of October 6, 1959, sequence number 0314.

0522. **CANADA** and **INDIA.** Orissa Reactor. Signed February 3, 1969. **Termination:** the end of Canadian-Indian nuclear co-operation was announced on May 18, 1976. **Source:** Rohn 431297.

0523. **CANADA** and **INDONESIA.** 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.

0524. **CANADA** and **JAMAICA.** 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.


0528. **FRANCE** (Commissariat à l'Energie Atomique) and **UNITED STATES** (Nuclear Regulatory Commission). Behavior of Polymer Base Materials Subjected to Beta Radiation [safety]. Signed October 26 and December 3, 1984; in force December 3, 1984. **Termination:** December 2, 1987. **Source:** NRC text.


0533. CHILE and COLOMBIA. Exchange of Information Concerning Nuclear Energy for Peaceful Purposes. Signed December 2, 1983. Termination: unknown. Source: ColM 1983-84. Note: This involves the Comisión Chilena de Energía Nuclear and the Instituto de Asuntos Nucleares, but it is not known if these are the signing agents.


0538. CHINA (PRC) (Ministry of Industry) and FRANCE (Commissariat à l'Energie Atomique). Agreement on the Peaceful Use of Nuclear Energy. Signed


0543. **CHINA (PRC)** and **RUSSIA** (USSR). 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 cooperation, both civil and military, apparently ended in the late 1950s.


0545. **CHINA (PRC)** and **YUGOSLAVIA**. Co-operation for Peaceful Use of Atom-
ic Energy. Signed April 30, 1980. **Termination:** unknown. (Yugoslavia dissolved in 1991.) **Source:** Chiu p. 197.


0549. **COLOMBIA** (Ministry of Mines) and **SPAIN**. Co-operation in Exploration and Exploitation of Radioactive Minerals. Signed February 27, 1977. **Termination:** unknown. **Source:** ColM 1977-78.

0550. **COLOMBIA** (Institute of Nuclear Affairs) and **UNITED STATES** (Puerto Rico Nuclear Center). Sister Laboratory Arrangement. Signed October 1965. **Termination:** unknown. **Source:** AEC 1965.


0552. **CUBA** and **RUSSIA** (USSR). 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.


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.

0556. CZECH REPUBLIC (Czechoslovakia) and GERMAN DEMOCRATIC REPUBLIC. Peaceful Uses of Nuclear Energy. Signed April 5, 1971. **Termination:** indefinite duration (the German Democratic Republic ceased to exist as of the end of October 2, 1990). **Source:** Rohn 420629.


0558. CZECH REPUBLIC (Czechoslovakia) and INDIA. Nuclear Co-operation. Signed October 9, 1968. **Termination:** unknown. **Source:** CSZ 1970/80.


0560. CZECH REPUBLIC (Czechoslovakia) and POLAND. Co-operation in the Peaceful Uses of Nuclear Energy. Signed November 24, 1961. **Termination:** unknown. **Source:** GAK 854-7160.

0561. CZECH REPUBLIC (Czechoslovakia) and POLAND. 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.

0562. CZECH REPUBLIC (Czechoslovakia) and ROMANIA. Co-operation Concerning Peaceful Uses of Nuclear Energy. Signed August-October 1967. **Termination:** unknown. **Source:** GAK 870-7220.

0563. UNITED KINGDOM (Atomic Energy Authority) and UNITED STATES (Nuclear Regulatory Commission). Memorandum of Understanding Regarding Nuclear Safety Information Center Data Tape and Systems Reliability Service Associate Membership [safety]. Signed March 10 and 24, 1981; in force March 24, 1981. Amended February 18, 1982 (proposed); in force February 1, 1983. **Termination:** March 31, 1984. **Source:** NRC text.

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.


0566. CZECH REPUBLIC (Czechoslovakia) and RUSSIA (USSR). 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.


0568. CZECH REPUBLIC (Czechoslovakia) and RUSSIA (USSR). Technical Co-operation 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. CZECH REPUBLIC (Czechoslovakia) and YUGOSLAVIA. Co-operation in Nuclear Physics and in other Fields. Signed October or November 1964. **Termination:** unknown. (Yugoslavia dissolved in 1991.) **Source:** GAK 985-7400.

0570. CHINA (PRC) and FRANCE. Scientific and Technical Co-operation. Signed January 21, 1978; in force May 2, 1978. **Termination:** indefinite duration. **Source:** RTAF 1979/32. NEA Vol. II, p. 93. **Note:** Agreements involving the Commissariat à l'Energie Atomique on January 15, 1979 (sequence number 0537) and November 22, 1982 (sequence number 0538) follow from this.

0571. CZECH REPUBLIC (Czechoslovakia) and YUGOSLAVIA. Co-operation in Nuclear Physics and in other Fields. Signed October or November 1964. **Termination:** unknown. (Yugoslavia dissolved in 1991.) **Source:** GAK 985-7400.

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.


0580. **DENMARK** (Atomic Energy Commission) and **UNITED KINGDOM**. Research Reactor. Negotiations completed Summer 1957. **Termination:** unknown. **Source:** DEAC 1957.

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.

0582. **DENMARK** (Atomic Energy Commission) and **UNITED KINGDOM** (Atomic Energy Authority). Exchange of Information and Collaboration on
Research and Development in Heavy Water Reactor Systems. Signed November 1964. **Termination:** unknown. **Source:** AEA 1965-65.

**0583. ECUADOR and SPAIN.** Co-operation in the Development and Application of Atomic Energy for Peaceful Purposes. Signed May 10, 1975. **Termination:** unknown. **Source:** RE 32:281. **Note:** See also the agreement of April 21, 1978, sequence number 0584.

**0584. ECUADOR** (Comisión Ecuatoriana de Energía Atómica) and **SPAIN** (Junta de Energía Nuclear). Laboratories and Installations for the Ecuadorian Atomic Energy Commission. Signed April 21, 1978; in force April 21, 1978. Amended July 7, 1979; in force July 12, 1979. **Termination:** unknown. **Source:** UNTS 17994. RE 32:281. **Note:** This follows from the agreement of May 10, 1975, sequence number 0583. See also the agreement of 1984-85, sequence number 1153.

**0585. EGYPT** (Atomic Energy Authority) and **FRANCE** (Commissariat à l'Energie Atomique). Scientific and Technical Co-operation in the Peaceful Use of Nuclear Energy. Signed February 26, 1983. **Termination:** unknown. **Source:** CEA 1983.

**0586. EGYPT and GERMAN DEMOCRATIC REPUBLIC.** Co-operation in the Peaceful Uses of Nuclear Energy. Signed May 7, 1965. **Termination:** indefinite duration (the German Democratic Republic ceased to exist as of the end of October 2, 1990). **Source:** GAK 916-7200.


**0588. EGYPT and INDIA.** 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.


**0590. EGYPT and ITALY.** Atomic Energy Agreement. Signed March 7, 1984. **Termination:** unknown. **Source:** AFDI.


**0592. EGYPT** (Atomic Energy Establishment) and **NORWAY** (Institutt for Ato-
menergi). Exchange of Information. Reported September 29, 1960. **Termination:** five years duration. **Source:** AWC.

0593. **EGYPT** and **SWITZERLAND.** Co-operation in the Peaceful Uses of Nuclear Energy. Signed November 13, 1984. **Termination:** unknown. **Source:** NLB 35:54. NEA Vol. II, p. 239.

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.


0596. **EGYPT** and **UNITED KINGDOM.** Nuclear Co-operation. Signed November 2, 1981. **Termination:** unknown. **Source:** MM.


0603. **EUROPEAN UNION** (Euratom) and **ITALY**. Agreement Instituting a Joint Centre for Nuclear Research. Signed July 22, 1959. **Termination:** unknown. **Source:** GAK 250-7040.

0604. **EUROPEAN UNION** (Euratom, European Community) and **ITALY** (Comitato Nazionale per l'Energia Nuclear). Contract of Association in the Field of Thermonuclear Fusion. Signed July 10, 1969. **Termination:** unknown. **Source:** BEC 1969, No. 9/10, p. 58.

0605. **EUROPEAN UNION** (Euratom) and **NETHERLANDS**. 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.


0610. **EUROPEAN UNION** (Euratom) and **SWITZERLAND** (National Corporation for the Disposal of Radioactive Waste [CEDRA]). Co-operation Agree-
ment [waste]. Signed June 21, 1984. **Termination:** unknown (five years duration). **Source:** NLB 34:44. **Note:** The agreement concerned the determination of the characteristics of radioactive waste and final storage in crystalline formations (NLB 47:74).


0613. **EUROPEAN UNION** (Euratom) (European Supply Agency, on behalf of the French Commissariat à l'Energie Atomique) and **UNITED KINGDOM** (Atomic Energy Authority). Supply of Plutonium Oxide. Signed November 9, 1964. **Termination:** unknown. **Source:** GAK 918-7455. AEA 1963-64.


0616. **EUROPEAN UNION** (Euratom) and **UNITED STATES** (Atomic Energy Commission). Exchange of Information in the Field of Fast Reactors. Signed May 27, 1964. **Termination:** unknown. **Source:** GAK 925-2110. Rohn 409083. **Note:** This follows from the agreement of June 11, 1960, sequence number 0319.


0618. **FRANCE** (Commissariat à l'Energie Atomique) and **UNITED STATES** (Nuclear Regulatory Commission). Thermal Hydraulic Research [safety]. Signed September 16, 1986; in force September 16, 1986. **Termination:** September 15, 1991 or end of all obligations. **Source:** NRC text.

0619. **EUROPEAN UNION** (Euratom) and **UNITED STATES** (Nuclear Regulatory Commission). Arrangement in the Field of Nuclear Safety Research. Signed


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.

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


0626. **FINLAND** and **UNITED STATES**. Agreement for Co-operation concerning Peaceful Uses of Nuclear Energy. Signed May 2, 1985; in force March 27, 1992. **Termination:** April 11, 1996. **Source:** TIAS 12384. ILM. USTF 1994. UNTS 29001 **Note:** This supersedes the agreement of April 8, 1970, sequence number 0099. It is superseded by the European Community-US agreement of November 7, 1995, sequence number 1297.

0627. **AUSTRALIA** and **CHINA (PRC)**. Agreement on the Transfer of Nuclear Ma-
0628. **FRANCE** (Commissariat à l’Energie Atomique) and **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungsanlage Jülich). Irradiation of Experimental Fuel Elements. Signed 1970. **Termination:** unknown. **Source:** CEA 1970.


0630. **FRANCE** and **GERMANY, FEDERAL REPUBLIC OF**. Accord on Advanced Reactors [fast reactors and high temperature reactors]. Signed May 18, 1976. **Termination:** unknown. **Source:** CEA 1976. PEF 1976. **Note:** There appear 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.


0641. FRANCE (Commissariat à l'Energie Atomique) and INDONESIA (Badan Tenaga Atom Nasional). 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.

0642. **FRANCE** (Commissariat `a l'Energie Atomique) and **INDONESIA** (Badan Tenaga Atom Nasional). Co-operation. Signed April 2, 1980. **Termination:** unknown. **Source:** CEA 1980.

0643. **FRANCE** (Commissariat à l'Energie Atomique) and **IRAN**. Aid to University of Tehran and Repair of Tehran Research Reactor. Signed March 11, 1969. **Termination:** unknown. **Source:** CEA 1969. NTI: Iran.


0645. **FRANCE** (Commissariat à l'Energie Atomique) and **ITALY** (Comitato Nazionale per l'Energia Nuclear). 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.


0647. **FRANCE** (Commissariat à l'Energie Atomique) and **ITALY** (Comitato Nazionale per la Ricerca e per lo Sviluppo dell'Energia Nucleare e delle Energie Alternative). Collaboration in the Fabrication of Fuel Elements for Fast Reactors. Signed December 9, 1983. **Termination:** unknown. **Source:** CEA 1983.

0648. **FRANCE** (Commissariat à l'Energie Atomique) and **ITALY** (Comitato Nazionale per la Ricerca e per lo Sviluppo dell'Energia Nucleare e delle Energie Alternative). Fabrication of Fuel Elements for Fast Reactors. Signed June 8, 1984. **Termination:** unknown. **Source:** CEA 1984.


0650. **FRANCE** (Commissariat à l'Energie Atomique) and **JAPAN** (Japan Atomic Energy Research Institute). 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.

0652. **FRANCE** and **JAPAN.** Nuclear Safety. Signed April 26, 1976. **Termination:** unknown. **Source:** AFDI.

0653. **FRANCE** and **JAPAN.** 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 1973-1975, 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.


0655. **FRANCE** (Commissariat à l'Energie Atomique) and **JAPAN** (Japan Atomic Energy Research Institute). Research on Light Water Reactor Safety. Signed February 23, 1981. **Termination:** four years duration. **Source:** CEA 1981. NLB 27:25.

0656. **FRANCE** and **KOREA (ROK).** 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.

0657. **AUSTRALIA** and **CHINA (PRC).** Agreement on Co-operation in the Peaceful Uses of Nuclear Material. Signed April 3, 2006; in force February 3, 2007. **Termination:** February 2, 2037. **Source:** ATS 2007/4. **Note:** This may also terminate at the same time as the nuclear transfer agreement of April 3, 2006, sequence number 0627.

0658. **FRANCE** (Institut de Protection et de Sûreté Nucléaire, Commissariat à l'Énergie Atomique) and **KOREA (ROK)** (Korea Atomic Energy Research Institute). Exchange of Information Concerning Nuclear Safety. Signed February 18, 1982. **Termination:** unknown. **Source:** CEA 1982. WNC 20080415. **Note:** There may be ongoing conversations under this agreement.


0660. **ARGENTINA** (Comisión Nacional de Energía Atómica) and **PERU** (Instituto Peruano de Energía Nuclear). Construction Contract for a Zero-Power Reac-

0661. **FRANCE** and **LUXEMBOURG.** Nuclear Co-operation. Signed May 17, 1978. **Termination:** unknown. **Source:** PEF 1978. **Note:** This involves a nuclear power station in the Moselle.


0663. **FRANCE** and **MEXICO.** 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: 2954-50. 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: (1) 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 on signature.


0665. **FRANCE** and **NIGER.** Exchange of Letters Concerning the Mining of the Deposits of Uranium Newly Discovered in Niger by the Commissariat à l'Energie Atomique. Signed July 7, 1967. **Termination:** unknown. **Source:** GAK 824-7050. **Note:** see also the agreement of July 7, 1967, sequence number 0979.


0667. **FRANCE** (Centre National d'Etudes Spatiales) and **PAKISTAN** (Space and Upper Atmosphere Research Committee). 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. **FRANCE** and **PAKISTAN.** 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.


0677. FRANCE and SAUDI ARABIA. Economic Co-operation. Signed July 24,
1975. **Termination:** indefinite duration. **Source:** RTF 1973-1975, 2e Série, 4e Vol. 557. **Note:** Co-operation in nuclear energy is mentioned. It is not clear if this came into force.

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.

0679. **FRANCE** (Commissariat à l'Energie Atomique) and **SOUTH AFRICA** (Atomic Energy Board). Long-Term Supply of Natural Uranium. Signed 1964. **Termination:** unknown. **Source:** GAK 886-7100.


0681. **FRANCE** (Commissariat à l'Energie Atomique) and **SPAIN** (Junta de Energía Nuclear). General Agreement. Signed October 1956. **Termination:** unknown. **Source:** GAK 888-7020.

0682. **FRANCE** and **SPAIN**. Construction of a Joint Nuclear Power Plant. Signed October 2 or 3, 1964. Implementing Agreement October 15 or 16, 1966. **Termination:** unknown. **Source:** GAK 888-7120, 888-7180. SCT p. 657. K 1966:21672. **Note:** This appears to concern the Vandellos nuclear power station.

0683. **ARGENTINA** and **BRAZIL**. Joint Statement on Nuclear Policy (Ezeiza). Signed November 29, 1988; in force November 29, 1988?. **Termination:** no specific provision. **Source:** INFCIRC.351/Add. 1. DAI. **Note:** This announces a joint project on fast breeder reactors.

0684. **FRANCE** (Commissariat à l'Energie Atomique) and **SPAIN** (Junta de Energía Nuclear). Scientific and Technical Co-operation for the Peaceful Use of Nuclear Energy. Signed February 9, 1982. **Termination:** unknown. **Source:** CEA 1982.

0685. **FRANCE** and **SRI LANKA**. Peaceful Use of Nuclear Energy. Signed April 10, 1980. **Termination:** unknown. **Source:** PEF 1980. AFDI.

0686. **FRANCE** and **SWEDEN**. Joint Studies Principally in the Field of the Metallurgy of Uranium. Signed February 1951. Amended 1959. **Termination:** unknown. **Source:** GAK 700-7010, 700-7011.

0687. **FRANCE** and **SWEDEN**. Atomic Fuel. Signed October 15, 1969. Termi-
nation: unknown. Source: Rohn 520401.


0694. FRANCE (Commissariat à l'Energie Atomique) and RUSSIA (USSR) (State Committee for the Utilization of Atomic Energy). Co-operation in the Sphere of the Use of Atomic Energy for Peaceful Purposes. Signed May 4, 1965. Termination: two years duration. Source: CEA 1965. GS p. 302. Rohn 564166. Note: GS says that 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.


0701. **FRANCE** and **UNITED KINGDOM**. Co-operation in the Field of High Energies. Signed February 15, 1965. **Termination:** unknown. **Source:** GAK 918-7500.


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.


0705. **FRANCE** (Commissariat à l'Energie Atomique) and **UNITED STATES** (Department of Energy). Memorandum of Understanding Concerning Research and Development in the Field of Physical Protection of Nuclear Materials and Facilities. Signed April 22, 1983. **Termination:** April 22, 1993. **Source:** NLB 33:35. CEA 1983. **Note:** The termination date is found in the agreement of December 29, 1997, sequence number 1586.


0711. **FRANCE** (Commissariat à l'Energie Atomique) and **VENEZUELA** (Consejo Nacional para el Desarrollo de la Industria Nuclear). Complementary Accord Concerning Co-operation in Science and Technology in Nuclear Matters. Signed June 26, 1981. **Termination:** unknown. **Source:** CEA 1981.


0713. **FRANCE** (Commissariat à l'Energie Atomique) and **YUGOSLAVIA** (Federal Committee on Atomic Energy). Co-operation in the Field of Peaceful Uses of Nuclear Energy. Signed September 30, 1957. Amended November 1, 1967 and March 4, 1968. **Termination:** unknown. (Yugoslavia dissolved in 1991.) **Source:** GAK 700-7070. **Note:** YS 10:151 indicates that the agreement was extended for the period September 30, 1967 - September 30, 1977. YS 31:155 suggests it was still in force in 1990.


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.

0716. **GERMAN DEMOCRATIC REPUBLIC** and **HUNGARY**. 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. **GERMAN DEMOCRATIC REPUBLIC** (Committee on Radiation Protection and Ministry of Health) and **HUNGARY** (Atomic Energy Commission). 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:** DDR Vol. 18, 1970, p. 1183.

0718. **GERMAN DEMOCRATIC REPUBLIC** and **INDIA**. 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.


0721. **GERMAN DEMOCRATIC REPUBLIC** and **RUSSIA** (USSR). 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.

0722. **ARGENTINA** and **BRAZIL**. Agreement on Supply of Products for the Angra-2 and Atucha-2 Reactors. Reported July 1990. **Termination:** unknown. **Source:** EOS 4:4.

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.


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.


nation: 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.


0743. AUSTRIA and GERMAN DEMOCRATIC REPUBLIC. Exchange of In-
formation and Experience in the Field of Radiation Protection. Signed May 3, 1988; in force April 1, 1989. **Termination:** indefinite duration (the German Democratic Republic ceased to exist as of the end of October 2, 1990).

**Source:** UNTS 26542. IAEA p. 40.


**Source:** UNTS 23205. NLB. 31:30, 33:34. FRGB 1983:734. IAEA p. 316.

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.

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.


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


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.


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.


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.


0765. **HUNGARY** and **POLAND**. Co-operation in the Peaceful Uses of Nuclear Energy. Signed 1968. **Termination:** unknown. **Source:** GAK 854-7340.

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.


0769. **INDIA** and **INDONESIA**. Peaceful Uses of Atomic Energy. Signed January 9, 1981; in force August 31, 1981. **Termination:** unknown. **Source:** INMR.

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.


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.

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.


0779. **INDIA** and **SYRIA**. Peaceful Uses of Atomic Energy. Signed May 1, 1980; in force May 1, 1980. **Termination:** unknown. **Source:** INMR.


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.


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.


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.


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.

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.


0799. **ITALY** (Comitato Nazionale per l'Energia Nucleare) and **SPAIN** (Junta de Energía Nuclear). Co-operation in the Field of Nuclear Energy. Signed June 25, 1965. **Termination:** unknown. **Source:** GAK 888-7150. Giuliano p. 418. Rohn 459724.

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.

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.


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.


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.

0810. **JAPAN and SWEDEN.** Peaceful Uses of Nuclear Energy. Signed March 27, 1973. **Termination:** unknown. **Source:** Rohn 520605.

0811. **UNITED KINGDOM (Atomic Energy Authority) and UNITED STATES (Nuclear Regulatory Commission).** United Kingdom Atomic Energy Authority Participation in the United States Nuclear Regulatory Commission Program of Severe Accident Research. Signed February 9 and 18, 1987; in force retroactively from October 1, 1986. **Termination:** September 30, 1987. **Source:** NRC text. **Note:** Sequences numbers 0913, 0812, 0839, 0823 and 0811 all deal in succession with this topic, but are not explicitly treated as forming one sequence.

0812. **UNITED KINGDOM (Atomic Energy Authority) and UNITED STATES (Nuclear Regulatory Commission).** Agreement WH36018 Relating to United Kingdom Atomic Energy Authority Participation in the United States Nuclear Regulatory Commission Program of Severe Accident Research. Signed January 27 and February 9, 1984; retroactive effect from October 1, 1983. **Termination:** September 30, 1984. **Source:** NRC text. **Note:** Sequences numbers 0913, 0812, 0839, 0823 and 0811 all deal in succession with this topic, but are not explicitly treated as forming one sequence.


0814. **JAPAN and UNITED KINGDOM.** Atomic Energy Safeguards. Signed December 2, 1977. **Termination:** unknown. **Source:** Rohn 578434.

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


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.

0823. UNITED KINGDOM (Atomic Energy Authority) and UNITED STATES (Nuclear Regulatory Commission). United Kingdom Atomic Energy Authority Participation in United States Nuclear Regulatory Commission Program of Severe Accident Research. Signed March 12, 1986; in force March 12, 1986 with retroactive effect from October 1, 1985. **Termination:** September 30, 1986. **Source:** NRC text. **Note:** Sequences numbers 0913, 0812, 0839, 0823 and 0811 all deal in succession with this topic, but are not explicitly
treated as forming one sequence.


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.

0839. **UNITED KINGDOM** (Atomic Energy Authority) and **UNITED STATES**
(Nuclear Regulatory Commission). Agreement WH36014 Relating to United Kingdom Atomic Energy Authority Participation in the United States Nuclear Regulatory Commission Program of Severe Accident Research. Signed March 20 and 21, 1985; in force March 21, 1985 with retroactive effect from October 1, 1984. **Termination:** September 30, 1985. **Source:** NRC text. **Note:** Sequences numbers 0913, 0812, 0839, 0823 and 0811 all deal in succession with this topic, but are not explicitly treated as forming one sequence.


0841. **MEXICO** (Salazar Nuclear Energy Center) and **UNITED STATES** (Argonne National Laboratory). Sister Laboratory Arrangement. Signed 1969. **Termination:** unknown. **Source:** AEC 1965; 1969; 1970.


0843. **MOROCCO** and **UNITED STATES.** Nuclear Co-operation. Signed September 29, 1979. **Termination:** unknown. **Source:** AAN. **Note:** This concerns a TRIGA-II reactor.


0847. **NETHERLANDS** (Reactor Centrum Nederland) and **NORWAY** (Institut for Atomenergi). Co-operation Agreement. Signed January 27, 1959. **Termina-
tion: unknown. Source: GAK 820-7070. Note: This supersedes the agreement of April 15, 1951, sequence number 0844.


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.


**Termination:** unknown. **Source:** GAK 854-7310. **Note:** This includes co-operation in the field of nuclear research.

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.


0859. **ARGENTINA** (Comisión Nacional de Energía Atómica) and **BRAZIL** (Comissão Nacional de Energia Nuclear). Protocol No. 2 Concerning Training in the Nuclear Sector. Signed August 20, 1980. **Termination:** indefinite duration. **Source:** Resenha July-September 1980, pp. 150-151. DAI.


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.


0869. **BOLIVIA** and **ISRAEL**. 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.


0873. **ALGERIA** and **FRANCE**. Protocol on Economic Co-operation. Signed June 21, 1982; in force January 13, 1983. **Termination:** no specific provision, but reviewed after four years. **Source:** AFDI 29:794. RTAF 1983/6 (16). UNTS 21972. **Note:** This includes possible nuclear energy co-operation.

0874. **ARGENTINA** and **BRAZIL**. Joint Nuclear Policy Statement (Foz do Iguaçu). Signed November 30, 1985. **Termination:** unknown. **Source:** NLB 37:40. DAI. **Note:** This creates a joint commission. NTI WMD Chronology gives the date as November 29, 1985.

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.


0885. ARGENTINA and BRAZIL. Declaration on the Common Nuclear Policy of
Brazil and Argentina (Foz do Iguaçu). Signed November 28, 1990; in force November 28, 1990. **Termination:** no specific provision. **Source:** PPNNP 12:12. INFCIRC/388; INFCIRC/388/Add1. DAI. **Note:** This provides for mutual inspection and safeguards arrangements. It also contains a reference to action "conducive to the full entry into force" of the Treaty of Tlatelolco (the Latin American Nuclear Weapon Free Zone).

0886. **SPAIN** and **URUGUAY.** Co-operation on Atomic Energy for Peaceful Purposes. Signed March 30, 1979; in force March 30, 1979. **Termination:** unknown. **Source:** UNTS(St) 17912. RE 32:282.

0887. **POLAND** and **SWEDEN.** Co-operation in the Peaceful Uses of Atomic Energy. Signed 1964. **Termination:** unknown. **Source:** GAK 891-7110.


0891. **AUSTRALIA** and **INDONESIA.** 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).


0893. **SWEDEN** and **YUGOSLAVIA.** Co-operation in the Peaceful Uses of Atomic Energy. Signed 1965. **Termination:** unknown. (Yugoslavia dissolved in 1991.) **Source:** GAK 891-7140.
0894. **SWITZERLAND** (Swiss National Society for the Promotion of Industrial Techniques in the Field of Atomic Energy) and **UNITED KINGDOM** (Atomic Energy Authority). Technical Consultation and Exchange of Experience in the Field of Atomic Energy. Signed February 5, 1963. **Termination:** unknown. **Source:** GAK 892-7110.


0896. **SWITZERLAND** (Federal Institute for Reactor Research) and **UNITED STATES** (Department of Energy). Reactor Research in the Area of Carbide Fuel Development. Signed March 30 and April 10, 1981. **Termination:** November 14, 1982. **Source:** Referenced in the source (TIAS 10608) for agreement of November 15, 1982, sequence number 0263. **Note:** Superseded by the agreement of November 15, 1982, sequence number 0263.


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

0904. **ARGENTINA** (Comisión Nacional de Energía Atómica) and **ITALY** (Comitato Nazionale per l'Energia Nucleare). 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.


0906. **UNITED KINGDOM** (Atomic Energy Authority) and **UNITED STATES** (Atomic Energy Commission). Exchange of Information on the Liquid-Cooled Fast Reactor. Signed February 1956. **Termination:** 1965. **Source:** GAK 925-0350. AEA 1964-65. AEC 1965. **Note:** Superseded by the agreement of February 11, 1965, sequence number 1031. However, the AEA treats sequence number 1031 as a renewal and extension while the AEC treats it as a superseding agreement.


0908. **UNITED KINGDOM** (Atomic Energy Authority) and **UNITED STATES** (Atomic Energy Commission). Co-operation in Various Areas. Signed 1958. Amended 1962 (?). Amended January 1966. **Termination:** unknown. **Source:** AEC 1962; 1966. **Note:** The areas of co-operation include: controlled thermonuclear reactions; gas coolant compatibility with graphite and metal; uranium dioxide fuels; plutonium metallurgy; and beryllium metallurgy. The possible 1962 amendment may add beryllium oxide to the beryllium metallurgy pro-
gram. The January 1966 amendment adds effects of irradiation on structural materials.

0909. **ARGENTINA** (Comisión Nacional de Energía Atómica) and **ITALY** (Comitato Nazionale per la Ricerca e per lo Sviluppo dell'Energia Nucleare e delle Energie Alternative). Peaceful Uses of Nuclear Energy. In force 1985. **Termination:** unknown. **Source:** NEA Vol. II, p. 135.

0910. **AUSTRIA** and **RUSSIA** (USSR). 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.


0912. **ARGENTINA** and **PERU**. 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.

0913. **UNITED KINGDOM** (Atomic Energy Authority) and **UNITED STATES** (Nuclear Regulatory Commission). Administrative Agreement WH35883 Relating to United Kingdom Atomic Energy Authority Participation in the United States Nuclear Regulatory Commission Program of Severe Accident Research. Signed March 26 and 29, 1982; in force March 29, 1982. **Termination:** September 28, 1983. **Source:** NRC text. **Note:** Sequences numbers 0913, 0812, 0839, 0823 and 0811 all deal in succession with this topic, but are not explicitly treated as forming one sequence.


0915. **UNITED KINGDOM** (Atomic Energy Authority) and **UNITED STATES** (Department of Energy). Measurement of Residual Fuel in Liquid Metal Fast Breeder Reactors Head-End Waste. Signed May 22, 1983. **Termination:** May
0916. UNITED KINGDOM and UNITED STATES (Department of Energy). Dissolution of Fuel (loan of equipment developed in the United Kingdom). In force October 1983. **Termination:** October 1986. **Source:** GAO/RECD-87-150, p. 34.


0918. UNITED KINGDOM and UNITED STATES (Department of Energy). Fiber-Optic Spectrophotometry (loan of American equipment). In force December 1985. **Termination:** December 1990. **Source:** GAO/RECD-87-150, p. 34.


0920. UNITED KINGDOM (Atomic Energy Authority) and YUGOSLAVIA (Federal Commission on Atomic Energy). Exchange of Personnel and Information. Signed June (?) 1964. **Termination:** unknown. (Yugoslavia dissolved in 1991.) **Source:** AEA 1964-65.


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.

0923. ARGENTINA and CHILE. Nuclear Co-operation. Signed 1978. **Termination:** unknown. **Source:** Poul. p. 24. **Note:** This might follow from the agreement of November 13, 1976, sequence number 0399.

0924. FRANCE (Commissariat à l'Energie Atomique) and ITALY (Comitato Nazi-


0935. **BRAZIL** and **GERMANY, FEDERAL REPUBLIC OF.** Industrial Cooperation 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.


0941. **CHINA (PRC)** and **FRANCE.** Memorandum of Understanding. Signed May 5, 1983. **Termination:** December 10, 1989. **Source:** NEA Vol. II, p. 94. NTI: PRC. **Note:** This concerned the supply of nuclear power plants. It was followed on March 12, 1986, by a letter of intent concerning two reactors.


0944. **CHINA (PRC) and SWITZERLAND.** Co-operation in the Peaceful Uses of Nuclear Energy. Signed November 12, 1986. **Termination:** indefinite duration. **Source:** NLB 39:37. NEA Vol. II, p. 239. NTIS DE91-602655.


0953. **DENMARK** (Minister for Environmental Protection) and **GERMANY**, **FEDERAL REPUBLIC OF** (Federal Minister for the Environment, Nature Conservation and Reactor Safety). Nuclear Safety and Radiation Protection. Signed October 13, 1987; in force September 30, 1988. **Termination:** indefi-


0959. **EUROPEAN UNION** (Euratom, European Community) and **NETHERLANDS** (Stichting voor Fundamenteel Onderzoek der Materie). Contract of Association in the Field of Thermonuclear Fusion. Signed July 10, 1969. **Termination:** unknown. **Source:** BEC 1969, No. 9/10, p. 58.

0960. **EUROPEAN UNION** (Euratom) and **UNITED STATES** (Atomic Energy Commission). Joint Critical Experiment at Oak Ridge National Laboratory Related to the Fast Neutron Burst Liquid Metal Cooled Source Reactor SORA. Signed May 1965. **Termination:** unknown. **Source:** GAK 925-2315. AEC 1965.

0961. **EUROPEAN UNION** (Euratom) and **UNITED STATES** (Department of Energy). Co-operative Program for the Investigation of Toroidal Physics in and Plasma Technologies of Tokamaks [fusion]. Signed July 31, 1985. **Termination:** ten years duration. **Source:** NLB 44:66.
0962. **EUROPEAN UNION** (Euratom) and **UNITED STATES** (Department of Energy). Co-operation in Development of the Stellarator Concept [fusion]. Signed July 31, 1985. **Termination:** five years duration. **Source:** NLB 44:65-66.


0969. **FRANCE** and **GERMANY, FEDERAL REPUBLIC OF.** 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.

0970. **FRANCE** and **HUNGARY.** 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 heat-


0974. **FRANCE** (Institut de Protection et de Sûreté Nucléaire, Commissariat à l'Energie Atomique) and **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation). Participation in SCARABEE Project [safety in liquid metal fast breeder reactors]. Signed June 12, 1985. **Termination:** unknown. **Source:** CEA 1985.

0975. **FRANCE** (Commissariat à l'Energie Atomique) and **KOREA (ROK)** (Atomic Energy Bureau, Ministry of Science and Technology). 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.


0977. **FRANCE** and **LUXEMBOURG**. 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.

0978. **FRANCE** (Commissariat à l'Energie Atomique) and **MEXICO** (Instituto Nacional de Investigaciones Nucleares). 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
0979. **FRANCE** (Commissariat à l'Energie Atomique) and **NIGER**. 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.

0980. **ARGENTINA** and **BRAZIL**. Agreement for the Exclusively Peaceful Use of Nuclear Energy (Guadalajara). Signed July 18, 1991; in force December 12, 1991. **Termination:** indefinite duration. **Source:** UNTS 28627; PPNNP 15:15-16 (partial text); INFCIRC/395; NLB 49:71. **Note:** This establishes a joint inspection and safeguard system. See also sequence number 1467.


0982. **FRANCE** (Commissariat à l'Energie Atomique) and **SRI LANKA** (Atomic Energy Authority). Co-operation Agreement. Signed October 10, 1980. **Termination:** unknown. **Source:** CEA 1980.

0983. **FRANCE** (Commissariat à l'Energie Atomique) and **SWITZERLAND** (Swiss National Society for the Promotion of Industrial Techniques in the Field of Atomic Energy). Contract Concerning the First Charge of Uranium for the Reactor of Lucens. Signed December 30, 1964. **Termination:** unknown. **Source:** GAK 892-7135.

0984. **FRANCE** and **SWITZERLAND**. Mutual Assistance in the Event of Catastrophes and Serious Accidents. Signed January 14, 1987; in force April 1, 1989. **Termination:** indefinite duration. **Source:** NLB 43:93. NTIS INIX-XN-192. UNTS 26743. **Note:** This includes nuclear accidents.

0985. **FRANCE** (Commissariat à l'Energie Atomique) and **UNITED STATES**. Uranium Studies. Signed 1960. **Termination:** unknown. **Source:** CEA 1960. **Note:** This concerns "monocarbure d'uranium." The studies are to go on within the framework of Euratom-United States co-operation.

0986. **FRANCE** (Commissariat à l'Energie Atomique) and **UNITED STATES**. Co-operation Concerning Fuel Fabrication. Signed 1960. **Termination:** unknown. **Source:** CEA 1960. **Note:** This occurs within the framework of Euratom-United States co-operation.

0988. **FRANCE** (Commissariat à l'Energie Atomique) and **YUGOSLAVIA** (Federal Nuclear Energy Commission). Co-operation in the Field of Health Protection [safety?]. Signed June 3, 1966. **Termination:** unknown. (Yugoslavia dissolved in 1991.) **Source:** GAK 985-7540.

0989. **GERMAN DEMOCRATIC REPUBLIC** and **GERMANY, FEDERAL REPUBLIC OF**. Safety Agreement. Signed September 20, 1973. **Termination:** indefinite duration (the German Democratic 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.


0993. **GERMAN DEMOCRATIC REPUBLIC** and **RUSSIA** (USSR). 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.


0996. **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungszentrum


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.


1006. **ARGENTINA** and **CHILE**. Nuclear Co-operation Agreement. Signed March 17, 1974. **Termination:** unknown. **Source:** Potter p. 103.


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:** indefinite duration. **Source:** G p. 83.


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.
1015. **CHINA (PRC)** (Minister of Foreign Trade) and **FRANCE** (Minister of Foreign Commerce). Long-term Agreement on the Development of Economic Relations and of Co-operation. Signed December 4, 1978; in force July 9, 1979. **Termination:** July 8, 1986. **Source:** Referenced in the agreement of December 11, 1984, sequence number 0540. UNTS 27177. **Note:** This includes French sales in the area of nuclear electric power generation.


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.

1019. **POLAND** (Institute of Nuclear Research) and **UNITED STATES** (Brookhaven National Laboratory). One-Year Exchange of Scientists. Signed 1962. **Termination:** unknown. **Source:** AEC 1962.


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.


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.


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.


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.

1034. **DENMARK** (Ministry for the Protection of the Environment) and **GERMAN DEMOCRATIC REPUBLIC** (National Board for Atomic Safety and Radiation Protection). Understanding on the Exchange of Information and Experience in the Field of Radiation Protection. Signed March 5, 1987; in force March 5, 1987. **Termination:** indefinite duration (the German Democratic Republic ceased to exist as of the end of October 2, 1990). **Source:** IAEA p. 108.

1035. **DENMARK** and **GERMANY, FEDERAL REPUBLIC OF.** 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.


1041. **FRANCE** (Ministère de l'Industrie) and **MOROCCO.** Understanding on the Exchange of Technical Information and Co-operation in the Field of Nuclear

1042. **FRANCE (Ministère de l'Industrie) and SPAIN.** Understanding on the Exchange of Technical Information and Co-operation in the Field of Nuclear Safety Regulations. Signed 1987; in force 1987. **Termination:** 1997. **Source:** IAEA p. 197. **Note:** this does not appear to be the same as the agreement of November 25, 1987, sequence number 1501.


1045. **GERMAN DEMOCRATIC REPUBLIC and NORWAY.** 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.

1046. **GERMAN DEMOCRATIC REPUBLIC and SPAIN.** Agreement on the Exchange of Information and Experience in the Field of Radiation Protection. Signed October 4, 1988; in force provisionally October 4, 1988. **Termination:** indefinite duration (the German Democratic Republic ceased to exist as of the end of October 2, 1990). **Source:** IAEA p. 248.

1047. **GERMAN DEMOCRATIC REPUBLIC and SWEDEN.** Agreement on Early Notification of a Nuclear Accident and the Exchange of Information Relating to Nuclear Facilities. Signed April 12, 1989; in force April 12, 1989. **Termination:** indefinite duration (the German Democratic Republic ceased to exist as of the end of October 2, 1990). **Source:** IAEA p. 255. UNTS 28015.

1048. **GERMAN DEMOCRATIC REPUBLIC (National Board for Atomic Safety and Radiation Protection) and SWEDEN (Nuclear Power Inspectorate and National Institute of Radiation Protection).** Understanding on Early Notification of a Nuclear Accident and the Exchange of Information Relating to Nuclear Facilities. Signed April 12, 1989; in force April 12, 1989. **Termination:** indefinite duration (the German Democratic Republic ceased to exist as of the end of October 2, 1990). **Source:** IAEA p. 265.

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.

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.


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.

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.


1055. **ARGENTINA** (Comisión Nacional de Energía Atómica) and **CHILE** (Comisión Chilena de Energía Nuclear). Fifth Co-operation Accord. Signed September 20, 1983. Sixth Co-operation Accord. Signed August 1984. **Termination:** unknown. **Source:** CNEA 1983; 1984. **Note:** These might follow from the agreements of November 13, 1976 (sequence number 0399), and the agreement of 1978 (sequence number 0923).

1056. **ARGENTINA** and **CHILE.** Agreement for Co-operation in the Peaceful Use of Nuclear Energy. Signed 1990. **Termination:** unknown. **Source:** PPNNP 11:3.

1057. **ARGENTINA** (Comisión Nacional de Energía Atómica) and **COSTA RICA.** Co-operation in the Development and Application of Peaceful Uses of Nuclear Energy. Signed June 18, 1982. **Termination:** unknown. **Source:** CNEA 1982. CNEA 50th.

1059. **ARGENTINA** and **ECUADOR**. Nuclear Co-operation Agreement. Signed April 5, 1976. **Termination:** unknown. **Source:** Potter p. 103.

1060. **ARGENTINA** (Comisión Nacional de Energía Atómica) and **ECUADOR** (Comisión Ecuatoriana de Energía Atómica?). Co-operation Agreement for 1984-1986. Signed 1984. **Termination:** 1986. **Source:** CNEA 1984. **Note:** This appears to be one of a series of agreements.

1061. **ARGENTINA** (Comisión Nacional de Energía Atómica) and **EGYPT** (Atomic Energy Authority). Umbrella Agreement for Nuclear Co-operation. Signed November 17, 1988; in force November 17, 1988. **Termination:** indefinite duration. **Source:** PPNP 4:4. CNEA 88:55. Ornstein p. 55. **Note:** Ornstein p. 55 links this to an earlier scientific-technological co-operation agreement. See also the agreement of December 17, 1988, sequence number 1633.


1063. **ARGENTINA** (Comisión Nacional de Energía Atómica) and **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungszentrum Karlsruhe). Co-operation Agreement for Peaceful Uses of Nuclear Energy. Signed July 29, 1971; in force July 29, 1971. Modification of Annex, signed 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.

1065. **ARGENTINA and GUATEMALA.** 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?


1067. **ARGENTINA** (Comisión Nacional de Energía Atómica) and **LIBYA** (Nuclear Energy Organization). 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.

1068. **ARGENTINA** and **LIBYA.** 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.

1069. **ARGENTINA** and **NIGERIA.** 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.

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

1071. **ARGENTINA** and **PERU.** Co-operation Agreement. Signed November 1989. **Termination:** unknown. **Source:** EOS 1:8. **Note:** This concerns assistance in building a pilot plant for yellowcake production.


1073. **ARGENTINA** and **SWITZERLAND.** Agreement to Enable Implementation of Contracts. Signed August 24, 1979. **Termination:** unknown. **Source:** referenced in INFCIRC/296 and UNTS 20961. **Note:** The contracts in question were between the Comisión Nacional de Energía Atómica and Sulzer Brothers, Ltd., for the Arroyito heavy water plant.
1074. ARGENTINA and TURKEY. Supply of Nuclear Power Stations. Signed October 1990. Termination: unknown. Source: FBIS-WEU October 29, 1990. PPNNP 12:3. MEJ 45:332. Note: This involves the supply of two 25 MW CAREM-15 power reactors, one to be built in Argentina and one in Turkey. NPR 4:3:37-398 indicates that the project may have been cancelled, although the formal agreement remains. See also Ornstein, p. 45.

1075. ARGENTINA and RUSSIA (USSR). 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.


1077. ARGENTINA and UNITED STATES. Exchange of Notes Concerning the Transfer of Enriched Uranium from Argentina to Peru. Signed March 31, April 7 and May 10, 1978. Termination: no specific provision. Source: TIAS 9263. Note: This arises in respect to an agreement between Argentina, the United States and the IAEA regarding the transfer of enriched uranium for a zero-power reactor in Peru. See also Argentina and Peru, sequences numbers 0450, 0451 and 0660, and Peru-United States, sequence number 0282.


AAEC 1977. Note: Meetings under this agreement were reported for 1974 and 1977.


1083. AUSTRALIA and RUSSIA (USSR). 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.


1089. BELGIUM and SWITZERLAND. Agreement for Uranium Supply and Information Exchange. Announced September 18, 1954. Termination: unknown. Source: K 1954:13876. Note: This involved the supply of uranium from the Belgian Congo to Switzerland, and an exchange of information regarding the construction and operation of a reactor. Under the terms of the Belgium-United Kingdom-United States agreement of 1944, Belgium required British and American consent to this agreement.


1093. **BRAZIL** and **ECUADOR**. Technical and Scientific Co-operation in Nuclear Matters. Signed November 7, 1990; in force November 7, 1990. **Termination:** indefinite duration. **Source:** UNTS 27678. EOS 4:11; 5:10. DAI. **Note:** This includes the supply of technology and expertise for the installation and operation of a research reactor.

1094. **BRAZIL** and **FRANCE**. Reactor Supply Agreement. Signed July 5, 1975. **Termination:** unknown. **Source:** FoF 1975:489. **Note:** This concerns the purchase of an experimental reactor and research in constructing breeder reactors.

1095. **BRAZIL** and **INDIA**. Nuclear Co-operation Agreement. Signed March 8, 1984. **Termination:** unknown. **Source:** Potter p. 156.


1099. **BRAZIL** and **JAPAN**. 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.

1100. **BRAZIL** and **RUSSIA** (USSR). Nuclear Co-operation Agreement. Signed 1989. **Termination:** unknown. **Source:** PPNNP 9:3.

1101. **BULGARIA** (Committee for the Peaceful Uses of Atomic Energy) and **CUBA** (Atomic Energy Commission). Nuclear Co-operation Agreement. Announced November 21, 1981. **Termination:** five years duration. **Source:** JPRS-LAM December 21, 1981.


1103. **BULGARIA** and **ROMANIA**. Anti-Pollution Protocol [safety]. Signed July 4, 1990. **Termination:** unknown. **Source:** FBIS-EEU July 9, 1990. Note: This includes monitoring Bulgarian nuclear power stations.


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.


1110. CANADA and MEXICO. 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 CAN-DU 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.

1111. CANADA and RUSSIA (USSR). Co-operation in the Peaceful Uses of Nuclear 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. CANADA and RUSSIA (USSR). 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.

1113. CANADA and UNITED KINGDOM. Agreement on Safeguards on Uranium Transfers between Britain and Canada. Signed October 1966. **Termination:** unknown. **Source:** CDEA 1966.

1114. CANADA (Atomic Energy Control Board) and UNITED KINGDOM (Health and Safety Executive). Agreement for Co-operation and Exchange of Information. Signed May 31, 1991; in force May 31, 1991. **Termination:** June 1, 1996. **Source:** AECB text. NLB 48:62. **Note:** This supersedes the agreement of 1976, sequence number 2260.

1116. **CANADA** and **URUGUAY**. Co-operation in the Peaceful Uses of Nuclear Energy. Signed July 29, 1988. **Termination:** unknown. **Source:** CDEA 1988-89. CTS.

1117. **CENTRAL AFRICAN REPUBLIC** and **FRANCE**. Uranium Mining Agreement. Signed 1967. **Termination:** unknown. **Source:** NBF 996:22.


1119. **CHILE** and **CHINA (PRC)**. Agreement on Co-operation in the Peaceful Use of Nuclear Energy. Signed March 17, 1989. **Termination:** unknown. **Source:** PPNP 6:4. EOS 3:21; 4:78. NTI: PRC **Note:** This could include uranium mining, processing and metallurgy.

1120. **CHILE** (Chilean Atomic Energy Commission) and **FRANCE** (Commissariat à l'Energie Atomique). Basic Agreement. Signed April 1967. **Termination:** unknown. **Source:** IAEA GC(XII)/INF/101/Rev. 1, p. 4. **Note:** This covers co-operation in the establishment of the National Centre for Nuclear Studies. It includes the exchange of experts, awards of fellowships by the Commissariat, and the purchase of a 5 MW reactor.

1121. **CHINA (PRC)** and **FINLAND**. Nuclear Co-operation Agreement. Signed 1987. **Termination:** unknown. **Source:** Potter p.255.


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.


1127. CHINA (PRC) and INDONESIA. Nuclear Co-operation Agreement. Signed 1985. Termination: unknown. Source: Potter p. 255. Note: This appears to be a training agreement.


1131. CHINA (PRC) and PAKISTAN. 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.


number 1947) and April 10, 2005 (sequence number 1948).


1135. CHINA (PRC) and RUSSIA (USSR). 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.


1138. CHINA (ROC) and JAPAN. Agreement on Information Exchange in Reactor Safety. Reported April 1989. Termination: three years duration. Source: EOS 1:32; 1:51. Note: It is not clear whether this is one agreement or several.

1139. COLOMBIA and RUSSIA (USSR). 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.


1144. **CZECH REPUBLIC** (Czechoslovakia) and **EUROPEAN UNION** (European Community). Trade, Commercial and Economic Co-operation Agreement. Signed May 7, 1990. **Termination:** unknown; ten years duration. **Source:** ECN March 15, 1991. UKTS 1991/11. **Note:** The agreement includes nuclear safety.

1145. **CZECH REPUBLIC** (Czechoslovakia) (Federal Committee for the Environment) and **FRANCE** (Environment Ministry). Co-operation in Environmental Protection. Signed June 21, 1991. **Termination:** unknown. **Source:** FBIS-EEU June 26, 1991. **Note:** This includes co-operation in the area of operating safety at nuclear power plants.


1147. **CZECH REPUBLIC** (Czechoslovakia) and **GERMANY, FEDERAL REPUBLIC OF**. 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. CNRI 1995. UNTS 29522. **Note:** This includes nuclear co-operation.


1149. **CZECH REPUBLIC** (Czechoslovakia) and **KOREA (DPRK)**. 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.

1150. **CZECH REPUBLIC** (Czechoslovakia) and **KOREA (ROK)**. Nuclear Co-operation Agreement. Signed June 1990. **Termination:** unknown. **Source:** EOS 3:23.


1152. **DENMARK** (Atomic Energy Commission) and **UNITED KINGDOM** (Atomic Energy Authority). Research Agreement. Announced June 15, 1960. **Termination:** unknown. **Source:** K 1960:17607. **Note:** This concerns the use
of the DR3 reactor at the Risø Research Centre.

1153. **ECUADOR** and **SPAIN**. Nuclear Co-operation Agreement. Signed 1984-85. **Termination**: unknown. **Source**: Potter p. 340. **Note**: This concerns the supply of a research centre. It could be a continuation of the agreement of April 21, 1978, as amended, sequence number 0584.


1157. **EGYPT** and **YUGOSLAVIA**. Joint Communiqué. Signed July 18, 1956. **Termination**: no specific provision. (Yugoslavia dissolved in 1991.) **Source**: K 1956:15008. **Note**: This announces decisions to begin co-operation in various fields, including nuclear energy.


1161. **EUROPEAN UNION** (Euratom) and **SWEDEN**. Co-operation Agreement on


1163. **EUROPEAN UNION** (Euratom, European Community) and **RUSSIA** (USSR). 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.

1164. **FINLAND** and **RUSSIA** (USSR). 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.

1165. **FRANCE** (Commissariat à l'Energie Atomique) and **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungszentrum Karlsruhe). Agreement on the CABRI-2 Program on Fast Reactor Safety. Signed December 5, 1988. **Termination:** unknown. **Source:** CEA 1988.

1166. **FRANCE** and **GERMANY, FEDERAL REPUBLIC OF**. 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. **Note:** This is described as an outline agreement on waste processing, storage and decommissioning, to be implemented by specific agreements.

1167. **FRANCE** (Commissariat à l'Energie Atomique) and **GERMANY, FEDERAL REPUBLIC OF** (Federal Ministry for Research and Technology). 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.


1169. **FRANCE** and **GERMANY, FEDERAL REPUBLIC OF**. 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.


1171. **FRANCE** and **INDIA**. Agreement on Heavy Water Facility. Signed April 3 and July 22, 1969. **Termination:** unknown. **Source:** Potter p. 155.

1172. **FRANCE** and **INDIA**. 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.

1173. **FRANCE** (Commissariat à l'Énergie Atomique) and **IRAN**. Uranium Prospecting and Exploitation Agreement. Signed 1969. **Termination:** unknown. **Source:** NBF 1023:17.

1174. **FRANCE** and **IRAN**. 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 centre, 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.

1175. **FRANCE** (Commissariat à l'Énergie Atomique) and **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation). Agreement Concerning Technical Information about the Fast Reactor "Rapsodie." Signed February 1970. **Termination:** unknown. **Source:** NBF 1073:7, 1086:3.


1178. **FRANCE** (Commissariat à l'Énergie Atomique) and **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation). 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.

1179. FRANCE (Commissariat à l'Energie Atomique) and KOREA (ROK) (Korea Atomic Energy Research Institute). Agreement on Research on Reactor Safety. Signed March 1991. **Termination:** unknown. **Source:** EOS 5:58.

1180. FRANCE (Commissariat à l'Energie Atomique) and MEXICO (relevant agency). 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.

1181. FRANCE (Commissariat à l'Energie Atomique) and PORTUGAL (Junta de Energia Nuclear). 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.

1182. FRANCE and ROMANIA. 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. FRANCE and ROMANIA. 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.


1185. FRANCE and RUSSIA. 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.

1186. FRANCE and SWITZERLAND. Agreement on Co-operation in the Peaceful Uses of Nuclear Energy. Signed December 5, 1988; in force December 1, 1990. Exchange of Letters November 30, 1989. **Termination:** indefinite duration. **Source:** NLB 47:71. NTIS DE 92611221/GAR. RTAF 1991/9. Base Pacte. **Note:** This supersedes the agreement of May 14, 1970, sequence number 0104. See also the agreement of December 5, 1988 (sequence number 1187) and the agreement of November 30, 1989 (sequence number 1800).

1187. FRANCE and SWITZERLAND. Agreement on Return of Plutonium. Signed December 5, 1988; in force December 5, 1988. **Termination:** un-
known. Source: NLB 47:72. NTIS DE 92611224/GAR. Note: This is subject to the agreement of December 5, 1988, sequence number 1186.


1189. FRANCE (Commissariat à l'Energie Atomique) and RUSSIA (USSR) (State Committee for the Utilization of Atomic Energy). Agreement [safety?]. Signed 1988. Termination: unknown. Source: CEA 1988. Note: This apparently includes nuclear safety, the environment and public information.


1197. FRANCE (Commissariat à l'Energie Atomique) and UNITED STATES (Department of Energy). Agreement on Radiation Protection of Automatic Maintenance Equipment. Signed September 15, 1987. Termination: unknown. Source: CEA 1987. Note: This could be part of the agreement of September

1199. **GERMAN DEMOCRATIC REPUBLIC** and **INDIA**. 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.


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.

1206. **GERMANY, FEDERAL REPUBLIC OF**, and **ROMANIA**. Nuclear Co-operation. Noted 1969. **Termination:** unknown. **Source:** IAEA GC


of spent fuel by British Nuclear Fuels PLC for the Deutsche Gesellschaft für Wiederaufarbeitung von Kernbrennstoffen.


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.

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.


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.


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.


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 Thermonuclear 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.


1247. JAPAN and RUSSIA (USSR). Memorandum of Co-operation to Reduce the Impact of the Chernobyl Atomic Power Station Accident on the Health of

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.


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.


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.


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.


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.

1261. **MALAYSIA** and **PAKISTAN**. Nuclear Co-operation Agreement. Signed April 5, 1984. **Termination:** unknown. **Source:** Potter p. 224. NTI: Pakistan.


1264. **NORWAY** and **SWEDEN**. Exchange of Information on Nuclear Plants. Signed February 18, 1987. **Termination:** unknown **Source:** K 1987:35212


1271. **SPAIN** and **UNITED STATES**. Agreement on Friendship, Defense and Co-operation: Complementary Agreement Seven on Scientific Technological, Cultural, Educational and Economic Co-operation. Signed July 2, 1982; in force February 24, 1983. **Termination**: indefinite duration. **Source**: TIAS 10589. **Note**: This includes nuclear energy as an area of co-operation.

1272. **SPAIN** and **UNITED STATES**. Nuclear Co-operation Agreement [waste?]. Signed June 1986. **Termination**: unknown. **Source**: Potter p. 343. **Note**: Potter p. 343 suggests there are two agreements, covering waste management. See also the agreement of June 6, 1986, sequence number 1818.

1273. **BRAZIL** and **CHINA (PRC)**. Agreement Supplementary to the Agreement on Scientific and Technological Co-operation. Signed May 29, 1984; in force May 29, 1984. **Termination**: indefinite duration. **Source**: UNTS 23240. DAI. **Note**: This supplements the Agreement on Scientific and Technological Co-operation of March 25, 1982 (in force March 30, 1984), UNTS 23239. The Supplementary Agreement includes co-operation in nuclear power.

1274. **SWITZERLAND** and **UNITED KINGDOM**. Exchange of Notes Concerning the Transfer from Sweden to Switzerland of Certain Nuclear Material Supplied by the United Kingdom. Signed December 12, 1968; in force December 12, 1968. **Termination**: August 4, 1975. **Source**: UNTS 9787. UKTS 1969/61. **Note**: This extends the Switzerland-United Kingdom agreement of August 11, 1964, sequence number 0075, to cover this material.


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.

1283. **UNITED KINGDOM** (Atomic Energy Authority) and **UNITED STATES** (Nuclear Regulatory Commission). Administrative Agreement Relating to UKAEA Participation in the USNRC LCOA Simulation Project in NRU. Signature date unknown. Amended June 22, 1981. Amended June 30 and July 1, 1983. Amended June 25 and 26, 1984. **Termination:** unknown. **Source:** NRC text. USTF94. ILM.

1284. **SPAIN** and **VENEZUELA.** Complementary Accord in the Area of Atomic Energy for Peaceful Uses. Signed February 1976. **Termination:** unknown. **Source:** TBV 214-216. **Note:** see also the agreement of August 10, 1973, sequence number 0199.

1285. **BRAZIL** and **UNITED STATES.** Agreement concerning Monazite, Rare Earth Compounds and Thorium Compounds. Signed August 20, 1954; in force August 20, 1954. **Termination:** no specific provision. **Source:** UNTS 5898. **Note:** This supersedes an agreement of February 21, 1952.

1286. **CANADA** and **CHINA (PRC).** Co-operation in the Peaceful Uses of Nuclear Energy. Signed November 7, 1994; in force November 7, 1994. **Termination:** indefinite duration. **Source:** CTS 1994/27. UNTS 34969. **Note:** See also the agreement of February 24, 1997, sequence number 1360.


1289. **CANADA** and **RUSSIA.** 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.


1291. **CANADA** and **UKRAINE.** Economic Co-operation Agreement. Signed October 24, 1994; in force August 8, 1995. **Termination:** indefinite duration. **Source:** CTS 1995/37. UNTS 34949. **Note:** This includes nuclear power gen-
eration safety issues as one possible area of co-operation.

1292. CANADA and UNITED STATES. Application of Non-Proliferation Assurances to Canadian Uranium Retransferred to Taiwan. Signed February 24 and March 5, 1993; in force March 5, 1993. **Termination:** indefinite duration. **Source:** TIAS 12490. CTS 1993/5. KAV 3518. UNTS 32675.


1295. EUROPEAN UNION (European Community) and PORTUGAL. 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

1296. EUROPEAN UNION (European Community) and SPAIN. Protocol No. 13 on the Exchange of Information with Spain in the Field of Nuclear Energy. Signed June 12, 1985. **Termination:** indefinite duration. **Source:** UKTS 1985/27.

1297. EUROPEAN UNION (European Community) and UNITED STATES. Cooperation in the Peaceful Uses of Nuclear Energy. Signed November 7, 1995 and March 29, 1996; in force April 12, 1996. **Termination:** indefinite duration. **Source:** NLB 57:99-107. EUR-LEX 21996A0520 (01). OJEU L 120 May 20, 1996. **Note:** This foresees the termination of separate US agreements with Austria, Finland, Portugal, Sweden and Spain, and also of the earlier Euratom-United States agreements of May 29, 1958 (sequence number 0317), November 8, 1958 (sequence number 0318) and June 11, 1960 (sequence number 0319). See also the agreement in force January 28, 1997, sequence number 2269.


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. PPNP 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.

1303. **LITHUANIA** and **POLAND**. 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.


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.

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 politi-
cal declaration. It includes a reference to nuclear power.


1310. **UKRAINE** and **UNITED KINGDOM**. Treaty on Principles of Relations and Co-operation. Signed February 10, 1993; in force August 5, 1994. **Termination:** indefinite duration. **Source:** UKTS 1995/16. UNTS 32203. **Note:** This includes a reference to cooperation in civil nuclear energy, particularly safety.

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.

1312. **BULGARIA** and **FRANCE**. Long-Term Agreement on Economic, Industrial and Technical Co-operation. Signed January 30, 1986; in force January 30, 1986. **Termination:** January 29, 1996. **Source:** UNTS 24663. **Note:** This includes co-operation in the production of equipment for nuclear power stations.

1313. **CANADA** and **RUSSIA**. 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.

1314. **CANADA** and **SWITZERLAND**. Exchange of Notes concerning Proliferation Assurances Applied to Tritium and Tritium-Related Equipment. Signed March 8, 1995; in force March 8, 1995. **Termination:** indefinite duration. **Source:** CTS 1995/40. UNTS 34979. **Note:** This concerns direct and indirect
transfers to Switzerland of tritium and equipment for use in the Euratom Fusion Program, and is linked to the Canada-Euratom agreement of July 15, 1991, sequence number 0314.


1316. CANADA and ROMANIA. 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.

1317. ALBANIA and GERMANY, FEDERAL REPUBLIC OF. 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.


1326. **AUSTRIA** and **CZECH REPUBLIC**. Treaty on Mutual Assistance in the Event of Disasters or Serious Accidents. Signed December 14, 1998; in force November 1, 2000. **Termination:** indefinite duration. **Source:** UNTS 37267. **Note:** Although there is no specific mention of nuclear matters, the definition of “disaster or serious accident” in art. 2 includes in part those arising “in connection with the operation of technological equipment, destructive natural forces or the use of dangerous materials and their transport.”

1327. **AUSTRIA** (Federal Ministry of Agriculture and Forestry, Environment and Water Management) and **SLOVENIA** (Nuclear Safety Administration). Arrangement regarding Cooperation in the Field of Radiation Protection and Strengthening of the Mutual Exchange of Data of the Aerosol Monitoring Systems. Signed July 7, 2005. **Termination:** unknown. In force for 2 years plus another two after it comes into force, but shall terminate if the Austrian-Slovenian agreement of April 19, 1999, sequence number 1336, is terminated. **Source:** SNSA.


1331. AUSTRALIA and INDONESIA. 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.


1334. AUSTRIA and GERMANY, FEDERAL REPUBLIC OF. Agreement on Exchange of Information and Experience in the Field of Radiation Protection. Signed July 1, 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.


1336. AUSTRIA and SLOVENIA. Agreement on the Early Exchange of Information in the Event of a Radiological Emergency and on Questions of Common Interest in the Field of Nuclear Safety and Radiation Protection. Signed April 19, 1996. **Termination:** unknown. **Source:** NLB 58:125. SNSA.

1337. BELARUS and POLAND. 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.

1338. BELGIUM and NETHERLANDS. 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.

1339. BELGIUM (National Nuclear Waste Management Agency) and SPAIN (Energy Research and Development Organization). Agreement on Waste Exchange. Reported September 1992. **Termination:** unknown. **Source:** PPNNP
BELGIUM and SWITZERLAND. Agreement for Co-operation in the Peaceful Uses of Nuclear Energy. Signed about July 3, 1989. **Termination:** unknown. **Source:** NTIS DE 94602490/GAR.

BELGIUM and SWITZERLAND. Co-operation in Peaceful Uses of Nuclear Energy. Signed July 3, 1992. **Termination:** unknown. **Source:** NLB 50:78.


BRAZIL (Comissão Nacional de Energia Nuclear) and CANADA (Atomic Energy Control Board). Administrative Arrangement. Signed April 22, 1997; in force April 22, 1997. **Termination:** unknown. **Source:** AECB-R Summer 1997. DAI. **Note:** This follows from the agreement of May 22, 1996, sequence number 1342.


BRAZIL (Comissão Nacional de Energia Nuclear) and INDIA (Atomic Energy Commission). 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.

1348. **BRAZIL** and **RUSSIA**. 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.


1350. **BRAZIL** and **UNITED STATES**. Protocol to Extend the Science and Technology Co-operation Agreement (including Nuclear Technology) of February 6, 1984. Signed March 21, 1994; in force January 30, 1996. **Termination:** indefinite duration. **Source:** TIAS 10990, 12537. NLB 57:87. USDS Dispatch, March 11, 1996, No. 11. DAI. **Note:** The initial agreement did not mention nuclear co-operation. It was extended on May 15, 1992 until November 15, 2001, thereafter to be automatically extended.

1351. **AUSTRIA** and **SWITZERLAND**. Agreement on Reciprocal Assistance in the Event of Disasters or Severe Accidents. Signed March 22, 2000; in force March 1, 2002. **Termination:** indefinite duration. **Source:** UNTS 38307. **Note:** Art. 5 includes a nuclear reference.


1353. **BULGARIA** and **ROMANIA**. Agreement on Early Notification of a Nuclear Accident and on the Exchange of Information. Signed May 28, 1997. **Termination:** unknown. **Source:** NLB 60:105.


1355. **BULGARIA** and **RUSSIA**. 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. **BULGARIA** (Committee on the Use of Atomic Energy for Peaceful Purposes) and **RUSSIA** (Federal Nuclear and Radiation Safety Authority). Co-operation in the Field of Nuclear Safety. Signed October 24, 1996; in force October 24,
1996. **Termination:** unknown. **Source:** NLB 59:67.

1357. **BULGARIA** and **TURKEY.** Agreement on Early Notification of a Nuclear Accident and on the Exchange of Information. Signed July 28, 1997. **Termination:** unknown. **Source:** NLB 60:105.


1360. **CANADA** (Atomic Energy Control Board) and **CHINA (PRC)** (China Atomic Energy Agency). Administrative Arrangement. Signed February 24, 1997. **Termination:** unknown. **Source:** AECB-R Summer 1997. **Note:** This was signed pursuant to the agreement of November 7, 1994, sequence number 1286.

1361. **CANADA** and **EUROPEAN UNION** (European Community). Exchange of Letters. Signed 1988. **Termination:** unknown. **Source:** NTIS DE 92607959/GAR. **Note:** This concerns a transfer of uranium between Eldorado Nuclear Ltd. of Canada and British Nuclear Fuels.


1363. **CANADA** and **LITHUANIA.** 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.

1364. **CANADA** and **RUSSIA.** 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.

1365. **CANADA** and **RUSSIA.** 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, 1966.


1367. **CANADA** and **SLOVENIA**. Co-operation in the Field of the Peaceful Uses of Nuclear Energy. Signed May 31, 1995; in force April 23, 1996. **Termination:** indefinite duration. **Source:** NLB 57:87-88. CTS 1996/52. SNSA. **Note:** See the agreement of May 31, 1995, sequence number 1368.

1368. **CANADA** (Atomic Energy Control Board) and **SLOVENIA** (Nuclear Safety Administration). Administrative Arrangement. Signed May 31, 1995; in force April 23, 1996. **Termination:** unknown. **Source:** NLB 57:87-88. SNSA. **Note:** This is linked to the Canada-Slovenia agreement of 1995, sequence number 1367. It came into force with sequence number 1367.


1371. **ARGENTINA** (Comisión Nacional de Energía Atómica and Nuclear Regulatory Agency) and **UNITED STATES** (Department of Energy). Agreement Concerning Research and Development in Nuclear Material Control, Accountancy, Verification, Physical Protection, and Advanced Containment and Surveillance Technology for International Safeguards Application. Signed April 18, 1994; in force April 18, 1994. **Termination:** initially April 17, 1999, but seems to have been extended to April 17, 2004. **Source:** US DOE. CNEA
50th. ARN Annual Report.

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.


1374. CHINA (PRC) and KOREA (ROK). 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 31911. **Note:** See also the agreement of May 11, 1995, sequence number 1938.

1375. CHINA (PRC) and MALAYSIA. 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.

1376. CHINA (PRC) (State Planning Commission) and UNITED STATES (Department of Energy). Agreement of Intent concerning Peaceful Uses of Nuclear Technology. Signed October 29, 1997. **Termination:** unknown. **Source:** NLB 61:98-99. WNC 19971106. **Note:** This includes joint projects in the development and implementation of nuclear material export controls. It was followed up by the agreement of June 29, 1998, sequence number 1497.

1377. CUBA and GERMAN DEMOCRATIC REPUBLIC. Peaceful Uses of Nuclear Energy. Signed November 20, 1981. **Termination:** unknown (the German Democratic Republic ceased to exist as of the end of October 2, 1990). **Source:** UWTRC 807168.

1378. CUBA and MEXICO. Nuclear Co-operation Agreement. Signed May 24, 1996. **Termination:** unknown. **Source:** NPR 4:1:120.

1379. CZECH REPUBLIC (Czechoslovakia) and FRANCE (Commissariat à l'Energie Atomique). Framework Agreement. Signed 1990. **Termination:** unknown. **Source:** CEA 1990.

1380. CZECH REPUBLIC (Czechoslovakia) (Atomic Energy Commission) and FRANCE (Commissariat à l'Energie Atomique). Agreement on Vitrification of

1381. **CZECH REPUBLIC** and **KOREA (ROK).** Statement of Intent on Co-operation in the Nuclear Field. Signed March 5, 1995. **Termination:** unknown. **Source:** NLB 55:53.

1382. **CZECH REPUBLIC** and **RUSSIA.** 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. **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.

1383. **CZECH REPUBLIC** and **UKRAINE.** Co-operation in the Field of Nuclear Energy and Nuclear Industry. Signed June 30, 1997; in force June 30, 1997. **Termination:** indefinite duration. **Source:** NLB 60:105-106.


1386. **EUROPEAN COMMUNITY** and **HUNGARY.** Establishment of Association. Signed December 16, 1991. **Termination:** unknown. **Source:** NLB 52:81-82. **Note:** This includes nuclear energy.

1387. **EUROPEAN UNION** (European Community) and **POLAND.** Establishment of Association. Signed December 16, 1991. **Termination:** unknown. **Source:** NLB 52: 81-82. **Note:** This includes nuclear energy.

1388. **EUROPEAN UNION** (European Commission) and **RUSSIA.** Memorandum of Understanding on Technical Assistance in Nuclear Safety. Signed February 27, 1995. **Termination:** unknown. **Source:** NLB 55:54-55.

1389. **EUROPEAN UNION** (Euratom) and **UNITED STATES** Department of Energy). Agreement in the Field of Nuclear Materials Safeguards Research and Development. Signed January 6, 1995; in force January 6, 1995. **Termination:** unknown. **Source:** TIAS 12596. KAV 4144.


1392. **FRANCE** (Commissariat à l'Energie Atomique) and **GERMANY, FEDERAL REPUBLIC OF** (Bundesministerium für Forschung und Technologie). Agreement on Research and Development in Radioactive Waste Treatment and Dispersal. Signed March 1991. **Termination:** unknown. **Source:** CEA 1991.

1393. **FRANCE** (Commissariat à l'Energie Atomique) and **GERMANY, FEDERAL REPUBLIC OF** (Kernforschungszentrum Karlsruhe?). Agreement on Severe Accidents in Light Water Reactors, Advanced Reactors and Incineration of Actinides. Signed February 1992. **Termination:** unknown. **Source:** CEA 1991.


1395. **FRANCE** (Commissariat à l'Energie Atomique) and **ITALY**. 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.


1397. **FRANCE** (Commissariat à l'Energie Atomique) and **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation). 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.


1399. **FRANCE** (Nuclear Protection and Safety Institute) and **JAPAN** (Nuclear Power Engineering Test Center). 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. **FRANCE** (Commissariat à l'Energie Atomique) and **JAPAN** (Japan Atomic Energy Research Institute). 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.

1401. **FRANCE** and **KAZAKHSTAN**. 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.

1402. **FRANCE** (Commissariat à l'Energie Atomique) and **LITHUANIA** (Minister for the Economy). Protocol of Co-operation. Signed May 21, 1997; in force May 21, 1997. **Termination:** unknown. **Source:** NLB 61:99. **Note:** CEA Annual Report 1997 notes an agreement on waste management and non-destructive testing.

1404. **FRANCE** (Commissariat à l'Energie Atomique) and **RUSSIA** (USSR) (Ministry of Energy and Nuclear Industry). 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.


1408. **FRANCE** (Commissariat à l'Energie Atomique) and **TUNISIA** (National Center for Nuclear Sciences and Technology). Agreement. Signed January 1996. **Termination:** unknown. **Source:** CEA 1995. **Note:** This concerns a study of the creation of a nuclear research center. CEA Annual Report 1997 notes this concerns a nuclear-based high technology complex, and reports that in November 1997 construction began on a pilot irradiation facility.


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.


1423. **ARGENTINA** (Comisión Nacional de Energía) and **UNITED STATES** (Department of Energy). Implementing Arrangement for Technical Exchange and Co-operation in the Area of Radioactive and Mixed Waste Management. Signed May 29, 1996; in force May 29, 1996. **Termination:** May 28, 2006. **Source:** US DOE. CNEA 50th. **Note:** This appears to occur under a scientific and technological co-operation agreement of April 7, 1972.


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 Au-
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.

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.

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.


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.


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.


1442. **SLOVENIA** (Nuclear Safety Administration) and **UNITED STATES** (Nuclear Regulatory Commission). Exchange of Technical Information and Co-


1446. **AUSTRIA** and **UKRAINE**. 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:** August 17, 1998. **Source:** IAEA p. 49. NTIS DE 94601453/GAR. UNTS 33765. **Note:** This was initially signed between Austria and the USSR, sequence number 0910. It was carried over between Austria and Russia, but was terminated between Austria and Ukraine and superseded by the agreement of November 8, 1996, sequence number 1549.


1450. **UKRAINE** (Ministry for Environmental Protection and Nuclear Safety) and **UNITED KINGDOM** (Health and Safety Executive). Exchange of Information on Nuclear Installation Safety Regulation. Signed February 6, 1997; in force February 6, 1997. **Termination:** February 5, 2002. **Source:** NLB 60:107.

1451. **UKRAINE** and **UNITED STATES**. Scientific and Technical Co-operation in the Peaceful Uses of Atomic Energy. Signed June 1, 1990; in force June 1, 1990. **Termination:** 2000? **Source:** KAV 2604. USTF 1999, 2001, 2002. **Note:** This is an extension of an agreement between the USSR and the US, sequence number 1281. This is listed in USTF 2001 but not in USTF 2002, therefore it is tentatively treated as terminated in 2000.

1452. **UKRAINE** 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:** unknown. **Source:** KAV 2716. **Note:** This is an extension of a USSR-US agreement of the same date, sequence number 1456.


1454. **BELARUS** and **TURKEY**. Treaty on Friendship and Cooperation. Signed July 24, 1996; in force April 25, 2000. **Termination:** indefinite duration. **Source:** UNTS 37673. **Note:** Art. 12 refers particularly to cooperation in mitigating the effects of the Chernobyl accident.

1455. **BELGIUM** (Nuclear Research Center SCK/CEN) and **JAPAN** (JAERI). 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.

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.
1457. **BELGIUM** (Nuclear Research Center SCK/CEN) and **JAPAN** (JAEA). 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.


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.

1460. **ALGERIA** and **CHINA (PRC)**. Nuclear Co-operation Agreement. Signed June 1, 1996. **Termination:** unknown. **Source:** PPNNP 34:4-5. FBIS-CHI-96-107, June 3, 1996. **Note:** FBIS-CHI-96-107, June 3, 1996 reports the signing of a document concerning the second phase of a project for a nuclear research facility, and a summary of talks on the peaceful use of nuclear energy concerning the acceleration of a project for a radioactive isotopes and radioactive pharmaceuticals facility.

1461. **ALGERIA** and **CHINA (PRC)**. Agreement. Signed May 21, 1997. **Termination:** unknown. **Source:** NPR 5:1:142. WNC 19970521. **Note:** This concerns the supply of blueprints and designs for the third stage of construction of the Algerian Center for Nuclear Energy Research.


1473. **CHINA (PRC) and KOREA (ROK).** 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.

1474. **CHINA (PRC) and KOREA (ROK).** 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.

1475. **CHINA (PRC) and PERU.** Nuclear Co-operation Agreement. Announced October 10, 1995. **Termination:** unknown. **Source:** NPR 3:2:133.

1476. **CZECH REPUBLIC (Czechoslovakia) and FRANCE.** Long-term Agreement on Economic, Industrial and Technical Co-operation. Signed January 23, 1986; in force January 23, 1986. **Termination:** January 22, 1996. **Source:** UNTS 25451. **Note:** One area mentioned is the supply of wet steam turbines and nuclear power stations.


1478. **EGYPT and NIGER.** 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.

1479. **FINLAND and GERMANY, FEDERAL REPUBLIC OF.** Prompt Notification of a Nuclear Accident. Signed December 21, 1992; in force May 28, 1993. **Termination:** indefinite duration. **Source:** UNTS 30221.

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.

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.

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.

1483. **IRAN** and **KOREA (DPRK).** 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.

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.

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.

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.

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.


1489. **ARGENTINA** and **THAILAND.** Co-operation in the Peaceful Uses of Nuclear Energy. Signed June 7, 1996; in force June 25, 1998. **Termination:** indefinite duration. **Source:** NPR 4:1. UNTS 35594. **Note:** This concerns data-sharing
and an exchange of experts.


1493. BRAZIL and RUSSIA. 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.


1496. CHINA (PRC) and MOROCCO. Agreement. Reported 1998. Termination: unknown. Source: PPNP 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.

1497. CHINA (PRC) (State Development Planning Commission) and UNITED STATES (Department of Energy). Co-operation concerning Peaceful Uses of Nuclear Technologies. Signed June 29, 1998; in force June 29, 1998. Termination: indefinite duration. Source: NLB 62:82-83, 64:68-69. US DOE. USDS. Note: This creates a Joint Co-ordinating Committee on Co-operation in Peaceful Uses of Nuclear Technologies, and “completes” the agreement of July 23, 1995, sequence number 0294. See also the agreement of October 29,
1997 (sequence number 1376) and the agreement of September 15, 2003 (sequence number 1966).

1498. **CZECH REPUBLIC** (Czechoslovakia) (Czechoslovak Atomic Energy Commission) and **UNITED STATES** (Nuclear Regulatory Commission). Exchange of Technical Information and Co-operation in Nuclear Safety Matters. Signed April 14, 1989; in force April 14, 1989. **Termination:** unknown. **Source:** USTF 1997. A reference is made to this in the source (TIAS 12579) for the agreement of November 10, 1994, sequence number 1384.


1500. **FRANCE** and **SOUTH AFRICA**. Agreement on Molecular Laser Isotope Separation. Signed February 29, 1996. **Termination:** unknown. **Source:** NPR 4:1. NTI: S. Africa. **Note:** PNNP 33:4 gives dates of November 1995 or January 1996. This could be a financial agreement. NTI: S. Africa gives a signature date of March 11, 1996.

1501. **FRANCE** (Institute de Protection et de Sûreté Nucléaire) and **SPAIN** (Consejo de Seguridad Nuclear). Safety Agreement. Signed November 25, 1987. **Termination:** unknown. **Source:** CEA 1987. **Note:** This does not appear to be the same as the agreement of 1987, sequence number 1042.

1502. **FRANCE** (Commissariat à l'Energie Atomique) and **UNITED KINGDOM**. Agreement for Co-operation in the Study of New Reactors. Signed 1990? **Termination:** unknown. **Source:** CEA 1990.

1503. **FRANCE** (Commissariat à l'Energie Atomique) and **VIETNAM** (Atomic Energy Commission). Framework Agreement on Peaceful Nuclear Co-operation. Signed September 13, 1996. **Termination:** unknown. **Source:** NPR 4:2:133.

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.

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.

1507. **Israel** and **Norway**. Application of Safeguards to Heavy Water. Signed June 1988. **Termination:** unknown. **Source:** PPNP 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.

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.


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.

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.

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.

1515. **JAPAN** (Power Reactor and Nuclear Fuel Development Corporation) and **UNITED KINGDOM** (AEA Technology). Co-operation Agreement. Reported 1992. **Termination:** unknown. **Source:** PPNP 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.

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.


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.


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.

1521. **KOREA (ROK)** and **ROMANIA**. Agreement on Nuclear Co-operation. Signed mid-March 1993. **Termination:** unknown. **Source:** NPR 2:1:150.
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.


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.

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.


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 Khmelnitsky Atomic Power Stations. WNC 19980909 reports discussions of atomic energy at a meeting on September 8, 1998.

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.

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.

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.


1538. UKRAINE and UNITED STATES. Memorandum of Co-operation in the Field of Magnetic Confinement Fusion. Signed July 5, 1991; in force July 5, 1991. **Termination:** unknown. **Source:** USTF 1997. **Note:** This is an extension of a US-USSR agreement of the same date, sequence number 1372.

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.


1542. **CANADA and CHINA (PRC).** Agreement. Signed September 12, 1995. **Termination:** unknown. **Source:** NPR 3:2:132. **Note:** This concerns the supply of a 300 MW reactor.

1543. **AUSTRALIA and KOREA (ROK).** 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.


1546. **AUSTRALIA and UNITED STATES.** Agreement concerning Co-operation in the Application of Non-Proliferation Assurances on Retransfers to Taiwan. Signed July 31, 2001; in force May 17, 2002. **Termination:** indefinite duration. **Source:** ATS 2002/9. USDS. UNTS 39243. **Note:** This is a side agreement to the Australia-US agreement of July 5, 1979, sequence number 0307.


1548. **AUSTRIA and LIECHTENSTEIN.** 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.

1549. **AUSTRIA and UKRAINE.** Agreement on the Exchange of Information and Co-operation in the Field of Nuclear Safety and Radiation Protection. Signed
November 8, 1996; in force August 18, 1998. **Termination:** indefinite duration. **Source:** UNTS 35262.

1550. **BELARUS** and **UKRAINE.** Treaty on Friendship, Good-Neighbourliness and Co-operation. Signed July 17, 1995; in force August 6, 1997. **Termination:** indefinite duration. **Source:** UNTS 34115. **Note:** Article 18 refers to Chernobyl.


1552. **BELGIUM** and **RUSSIA.** 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.

1553. **BRAZIL** and **GERMANY, FEDERAL REPUBLIC OF.** 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.


1555. **BRAZIL** and **UNITED STATES.** Agreement for Co-operation concerning Peaceful Uses of Nuclear Energy. Signed October 14, 1997; in force September 15, 1999. **Termination:** September 14, 2029. **Source:** NLB 64:67-68. DAI. UNTS 36207. TIAS 12888. ILM. USTF 2000. **Note:** This supersedes the agreement of July 17, 1972, sequence number 0111.

1556. **BULGARIA** and **LITHUANIA.** 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.

1557. **CANADA** and **EUROPEAN UNION** (Euratom). Agreement for Co-operation


1559. **UNITED KINGDOM** (Department of Trade and Industry) and **UNITED STATES** (Department of Energy). Memorandum of Understanding concerning the Development and Implementation of Nuclear Verification Technologies. Signed September 17, 2001; in force September 17, 2001. **Termination:** indefinite duration. **Source:** US DOE.

1560. **CHINA (PRC)** (China Atomic Energy Authority) and **UNITED STATES** (Department of Energy). Statement of Intent on Research Reactor Fuel. Signed February 23, 1995. **Termination:** no specific provision. **Source:** US DOE.

1561. **UNITED KINGDOM** (Department of Trade and Industry) and **UNITED STATES** (Department of Energy). Statement of Intent. Signed September 5, 1996; in force September 5, 1996. **Termination:** indefinite duration. **Source:** US DOE. **Note:** This covers radioactive waste.


1565. **ESTONIA** and **EUROPEAN UNION** (European Community). Agreement of Association. Signed June 12, 1995; in force February 1, 1998. **Termination:** indefinite duration. **Source:** UNTS 34784. **Note:** Several articles touch on areas of nuclear co-operation.

1566. **ESTONIA** (Ministry of Economy) and **UNITED STATES** (Department of Energy). Memorandum of Understanding for Technical Co-operation in the Clean-Up of the Paldiski Nuclear Training Site. Signed March 13, 1995; in
force March 13, 1995. **Termination:** March 12, 2000. **Source:** US DOE.

1567. **EUROPEAN UNION (European Community)** and **LATVIA.** 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.

1568. **EUROPEAN UNION (European Community)** and **LITHUANIA.** 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. **EUROPEAN UNION (European Community)** and **LITHUANIA.** 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.

1570. **EUROPEAN UNION (European Community)** and **ROMANIA.** 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.


1575. **FINLAND** and **UKRAINE**. Agreement on Early Notification of Nuclear Accidents and on Exchange of Information and Experience in the Field of Nuclear Safety and Radiation Protection. Signed February 8, 1996; in force September 7, 1997. **Termination:** indefinite duration. **Source:** UNTS 34196. **Note:** This supersedes the agreement of January 7, 1987, sequence number 0720.

1576. **FRANCE** and **ITALY**. 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.

1577. **FRANCE** and **RUSSIA**. 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. **Note:** This replaces the agreement of June 30, 1966, sequence number 0695. It does not contain any explicit reference to nuclear co-operation.

1578. **FRANCE** (Directorate for the Safety of Nuclear Installations) and **SLOVENIA** (Nuclear Safety Administration). Arrangement for the Exchange of Information and Co-operation in the Field of Nuclear Safety. Signed February 18, 2000. **Termination:** 5 years duration. **Source:** NLB 66:64. SNSA.


1580. **FRANCE** and **RUSSIA** (USSR). 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.

1581. **FRANCE** (Commissariat à l'Energie Atomique) and **UNITED STATES** (Department of Energy). Statement of Intent on the West Valley Demonstration Project. Signed October 27, 1983. **Termination:** no specific provision. **Source:** US DOE. **Note:** This falls under the agreement of July 26, 1983, sequence number 0235.

1582. **FRANCE** (Commissariat à l'Energie Atomique) and **UNITED STATES** (Department of Energy). Statement of Intent in the Field of Low-Level Radioactive Waste. Signed June 20, 1986. **Termination:** unknown. **Source:** US DOE. **Note:** This falls under the agreement of July 26, 1983, sequence number 0235.

1583. **FRANCE** (Commissariat à l'Energie Atomique) and **UNITED STATES** (Department of Energy). Implementing Agreement in the Area of Waste Immobi-
lization Technology. Signed November 15, 1989 and January 17, 1990; in force January 17, 1990. **Termination:** January 16, 1995. **Source:** US DOE. **Note:** This falls under the agreement of July 26, 1983, sequence number 0235.


1585. **FRANCE** (Commissariat à l’Energie Atomique) and **UNITED STATES** (Department of Energy). Agreement in the Field of Radioactive Waste Management. Signed September 8 and 20, 1995; in force September 20, 1995. **Termination:** October 7, 2000. **Source:** US DOE. **Note:** This notes the agreement of July 26, 1983 (sequence number 0235), which it notes as extended to July 26, 1993. It does not explicitly replace this agreement, but it appears that it could.

1586. **FRANCE** (Commissariat à l’Energie Atomique) and **UNITED STATES** (Department of Energy). Agreement concerning Research and Development in the Field of Physical Protection of Nuclear Materials and Facilities. Signed August 20 and December 29, 1997; in force December 29, 1997. **Termination:** indefinite duration. **Source:** US DOE.

1587. **FRANCE** (Commissariat à l’Energie Atomique) and **UNITED STATES** (Department of Energy). Agreement concerning Research and Development in the Field of Nuclear Material Control and Accountancy Measures. Signed August 20 and December 29, 1997; in force December 29, 1997. **Termination:** indefinite duration. **Source:** US DOE.


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.


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.

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.

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.


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.


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.

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.


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.

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.


DOE.


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.

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.

1616. **RUSSIA** (Ministry of Atomic Energy) and **UNITED STATES** (Department of Energy). Memorandum of Co-operation in the Field of Civilian Nuclear Reactor 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.


1620. **SLOVAK REPUBLIC** and **SLOVENIA**. Agreement for the Exchange of Information in the Field of Nuclear Safety. Signed September 25, 1999. **Termi-
nation: indefinite duration. Source: SNSA. NLB 65:65. Note: This terminates, for the Slovak Republic and Slovenia, the Czech-Yugoslav agreement of February 15, 1966, sequence number 0572.


1625. UNITED KINGDOM (Department of Industry and Trade) and UNITED STATES (Department of Energy). Heads of Agreement for Co-operation on their Prospective Program for Nuclear Clean-up. Signed July 25, 1995. Termination: no specific provision. Source: US DOE.


1629. ARGENTINA (Comisión Nacional de Energía Atómica) and BRAZIL (Co-
1630. **ARGENTINA** and **BRAZIL**. Joint Declaration regarding the Creation of the Argentinian-Brazilian Agency for Nuclear Energy Applications (ABAEN). Signed August 14, 2001. **Termination:** unknown. **Source:** NLB 68:77-78.


1633. **ARGENTINA** (Comisión Nacional de Energía Atómica) and **EGYPT** (Atomic Energy Authority). Co-operation in the Field of the Peaceful Use of Nuclear Energy. Signed December 17, 1988. **Termination:** unknown. **Source:** CNEA 50th. Note: This could fall under the agreement of November 17, 1988, sequence number 1061.


1637. **ARGENTINA** (Autoridad Regulatoria Nuclear) and **FRANCE** (Curie Institute and Institut de Protection et de Sûreté Nucléaire). Definition of Areas of Co-operation in the Field of Radiological Protection. Signed 2001. **Termination:** unknown. **Source:** ARN 2001.

1638. **ARGENTINA** (Autoridad Regulatoria Nuclear) and **GERMANY, FEDERAL REPUBLIC OF** (Gesellschaft für Anlagen Reaktorsicherheit mbH). 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.


1642. **ARGENTINA** (Comisión Nacional de Energía Atómica) and **ROMANIA** (National Commission for the Control of Nuclear Activities). 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.


1645. **ARGENTINA** (Comisión Nacional de Energía Atómica) and **SPAIN** (Empresa Nacional de Residuos Radioactivos SA). Co-operation in the Field of "Gestion y Almacenamientos de Residuos Radioactivos." Signed December 20, 1999. **Termination:** unknown. **Source:** CNEA 50th.


1647. **ARGENTINA** and **THAILAND**. Agreement on Co-operation in Peaceful Uses of Nuclear Energy. Signed September 10, 1997. **Termination:** un-
known. Source: CNEA 50th.


1657. AUSTRALIA (Australian National Science and Technology Organization) and FRANCE (Commissariat à l'Energie Atomique). Agreement. Signed Septem-
ber 1997. **Termination:** unknown. **Source:** CEA Annual Report 1997. **NOTE:** This concerns joint development of the “synroc” waste storage process.

1658. **AUSTRALIA** (Australian Safeguards and Non-Proliferation Office) and **INDONESIA** (Indonesian Nuclear Energy Central Board). Arrangement concerning Co-operation in Nuclear Safeguards and Related Matters. Signed June 29, 2001. **Termination:** unknown. **Source:** NLB 68:78.

1659. **AUSTRALIA** and **NEW ZEALAND**. 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.


1664. **BULGARIA** and **EUROPEAN UNION**. Agreement on the Closure of the Kozloduy Reactor. Reported 1999. **Termination:** unknown. **Source:** PPNNP 48:8.


1666. **BULGARIA** (Nuclear Regulatory Agency) and **UKRAINE** (State Nuclear Regulatory Committee). Agreement on Co-operation in the Field of State Regulation and Control of Safety during the Use of Nuclear Energy. Signed January 31, 2000. **Termination:** unknown. **Source:** NLB 71:85.
1667. **CANADA** (Atomic Energy Control Board) and **KOREA (ROK)** (Ministry of Science and Technology). Memorandum of Understanding. Signed September 1998. **Termination:** unknown. **Source:** KINS. **Note:** This supersedes the agreement of September 23, 1991, sequence number 1109.


1670. **CHILE** and **KOREA (ROK).** Agreement on Co-operation in Peaceful Uses of Nuclear Energy. Signed November 12, 2002. **Termination:** unknown. **Source:** CNEN. WNC 20021112.


1672. **CHINA (PRC)** (China National Nuclear Corporation) and **FRANCE** (Commissariat à l'Energie Atomique). Sixth Co-operation Protocol. Signed April 1997 (?). **Termination:** unknown. **Source:** CEA Annual Report 1997. **Note:** See also the agreement of July 2000, sequence number 1673.

1673. **CHINA (PRC)** (Atomic Energy Agency) and **FRANCE** (Commissariat à l'Energie Atomique). Co-operation Protocol. Signed July 2000. **Termination:** 2003. **Source:** CEA Annual Report 2000. **Note:** This is apparently the seventh such protocol. See also the agreement of April 1997(?), sequence number 1672.


1675. **CHINA (PRC)** (China Institute for Radiation Protection) and **KOREA (ROK)** (Korea Institute of Nuclear Safety). Arrangement for Co-operation in the Field of Nuclear Safety and Radiation Protection. Signed June 19, 1995. **Termination:** unknown. **Source:** KINS.

1676. **CHINA (PRC)** (National Nuclear Safety Administration) and **KOREA (ROK)** (Korea Institute of Nuclear Safety). Arrangement for Technical Co-operation in the Field of Nuclear Safety. Signed April 17, 1996. **Termination:** un-
known. Source: KINS.


1685. **ESTONIA** and **RUSSIA**. 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.

1686. **EUROPEAN UNION** (Euratom) and **JAPAN**. 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. **EUROPEAN UNION** (Euratom) and **JAPAN** (Japan Atomic Energy Research Institute). Co-operation in the Field of Nuclear Material Safeguards Research and Development. Renewed 2000-1. **Termination:** unknown. **Source:** JAERI Annual Report 2000-1.

1688. **EUROPEAN UNION** and **RUSSIA**. Agreement for Co-operation in the Field of 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. **EUROPEAN UNION** and **RUSSIA**. 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.

1690. **EUROPEAN UNION** (Euratom) and **UNITED STATES**. Technical Exchange and Co-operation in the Field of Nuclear Safety Research. Signed October 29, 1999; in force October 29, 1999. **Termination:** unknown. **Source:** USDS. USTF 2000.

1691. **BULGARIA** and **TURKEY**. Treaty of Friendship, Good Neighbourship, Co-operation and Security. Signed May 6, 1992; in force June 29, 1995. **Termination:** indefinite duration. **Source:** UNTS 37672. **Note:** Art. 11 refers to co-operation in the peaceful uses of nuclear energy, prompt notification in the event of nuclear accidents, and information exchanges on the safety and operation of nuclear plants.


1693. **FRANCE** (Commissariat à l'Energie Atomique) and **INDIA** (Bhabha Atomic
Research Centre). Nuclear Safety Agreement. Signed 2000. **Termination:** unknown. **Source:** CEA Annual Report 2000. **Note:** Two such agreements were signed with the BARC.

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


1696. **FRANCE** (Commissariat à l'Énergie Atomique) and **ISRAEL** (Israel Atomic Energy Commission). 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.

1697. **FRANCE** (Commissariat à l'Énergie Atomique) and **ITALY** (National Agency for New Technologies, Energy and the Environment). 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.


1699. **FRANCE** (National Radioactive Waste Management Agency) and **JAPAN** (Japan Nuclear Cycle Development Institute). 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.


1704. **FRANCE** (Commissariat à l'Energie Atomique) and **JAPAN** (Japan Atomic Energy Research Institute). 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.

1705. **FRANCE** (Commissariat à l'Energie Atomique) and **KOREA (ROK)** (Korea Institute of Nuclear Safety). Agreement for Technical Co-operation in the Field of Nuclear Safety and Radiation Protection. Signed September 24, 1990. **Termination:** unknown. **Source:** KINS.


1707. **FRANCE** and **LIBYA**. 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.

1708. **FRANCE** (Commissariat à l'Energie Atomique) and **RUSSIA** (Kurchatov Institute). Co-operation Agreement. Signed 1999. **Termination:** unknown. **Source:** CEA Annual Report 1999. **Note:** This includes high burn-up fuels, safety and fusion.


1711. **FRANCE** (Commissariat à l'Energie Atomique) and **UNITED KINGDOM** (Atomic Energy Authority). Collaboration Agreement in the Field of Nuclear Waste Management and Dismantling of Nuclear Installations. Signed July 7, 1999. **Termination:** unknown. **Source:** NLB 65:61.


1713. **FRANCE** and **UNITED STATES**. Agreement for the Exchange of Technical Information and Co-operation in the Field of Nuclear Safety. Signed April 17, 2003; in force April 17, 2003. **Termination:** unknown. **Source:** USDS.

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.

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.


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.

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.

1719. **HUNGARY** (Hungarian Atomic Energy Authority) and **RUSSIA**. Co-operation Agreement. Signed 2001. **Termination:** unknown. **Source:** HAEA Report 2000.

1720. **HUNGARY** (Hungarian Atomic Energy Authority) and **SLOVAK REPUBLIC**. Co-operation Agreement. Signed 2001. **Termination:** unknown. **Source:** HAEA Report 2000.


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.

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.


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.

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.


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.

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.

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.

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.


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.


1742. **JAPAN** (Japan Atomic Energy Research Institute) and **UNITED STATES** (Department of Energy). Specific Memorandum of Agreement on Decontami-


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.

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.


1747. **KOREA (ROK)** (Korea Institute of Nuclear Safety) and **RUSSIA** (Kurchatov Institute). Special Arrangement. Signed September 29, 1992. **Termination:** unknown. **Source:** KINS.

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.

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.

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.

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.


1758. **MEXICO** and **UNITED STATES**. Co-operation Agreement. Signed August 14, 1983. **Termination:** unknown. **Source:** NLB 59:68.

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.

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.


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.


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:**
PPNP 49:21. **Note:** This concerns high-level waste tanks and comes under the “nuclear cities” project.

1767. **SLOVAK REPUBLIC** and **UKRAINE.** Agreement on Early Notification of Nuclear Accidents, Exchange of Information and Co-operation in the Field of Nuclear Safety and Radiation Protection. Signed September 24, 1998; in force February 25, 1999. **Termination:** unknown. **Source:** NLB 64:71. WNC 19980929.


1770. **SWEDEN** and **UKRAINE.** Agreement on Early Notification of Nuclear Accidents and the Exchange of Information on Nuclear Facilities. Signed March 1999. **Termination:** unknown. **Source:** NLB 64:72.


1772. **TURKEY** and **UKRAINE.** Agreement on Early Notification of Nuclear Accidents and on Exchange of Information on Nuclear Facilities. Signed November 23, 2000. **Termination:** indefinite duration. **Source:** NLB 67:64.


1774. **UKRAINE** and **UNITED STATES.** Co-operation on Research on Health and Environmental Effects related to the Chernobyl Accident. Signed December 8, 1999; in force December 8, 1999. **Termination:** unknown. **Source:** USDS. USTF 2000.

1775. **UKRAINE** and **UNITED STATES.** Implementing Arrangement concerning

1776. **CANADA** (Atomic Energy of Canada, Ltd.) and **UNITED STATES** (Energy Research and Development Administration). Memorandum of Understanding-Arrangement Relating to Information in the Nuclear Field. Signed August 6 and September 8, 1976; in force September 8, 1976. **Termination:** August 25, 1982. **Source:** UNTS 16819. TIAS 8778. **Note:** Superseded by the agreement of August 25, 1982, between AECL and the US Department of Energy, sequence number 1777. This agreement was originally for 4 years, with the possibility of extension.


1779. **CANADA** (Department of Natural Resources and Atomic Energy of Canada, Ltd.) and **UNITED STATES** (Department of Energy). Implementing Arrangement for Collaboration in the Area of Nuclear Energy Research. Signed June 17, 2003. In force June 17, 2003. **Termination:** June 16, 2013. **Source:** US DOE. **Note:** This is part of the International Nuclear Energy Research Initiative (I-NERI). It appears to arise under the Canada-US agreement of March 18, 1998, sequence number 1904, and following conversations of June 5 and 24, 2002, regarding including nuclear energy research. These latter may concern extending the agreement to cover nuclear collaboration involving Atomic Energy of Canada Ltd.

1781. **CZECH REPUBLIC** and **UKRAINE**. Treaty on Good Neighbourly Relations and Cooperation. Signed April 26, 1995, in force July 25, 1996. **Termination:** indefinite duration. **Source:** UNTS 36942. **Note:** Article 11 refers to the development of co-operation in various areas, including regarding the Chernobyl accident.

1782. **DENMARK** and **UKRAINE**. Co-operation in the Field of Environmental Protection. Signed June 1, 1994; in force June 1, 1994. **Termination:** May 31, 1999. **Source:** UNTS 33201. **Note:** Article 2 includes radiation monitoring and early warning systems.

1783. **ESTONIA** and **SWEDEN**. Agreement on Collaboration within the Field of Emergency Prevention, Preparedness and Response. Signed January 30, 2002; in force June 14, 2002. **Termination:** indefinite duration. **Source:** UNTS 39278. **Note:** The text refers only to “serious… accidents”, but the Preamble refers to the 1986 Convention on Early Notification and Assistance in the Case of a Nuclear Accident or Radiological Emergency.

1784. **EUROPEAN UNION** (Euratom) and **JAPAN**. 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.


1787. **EUROPEAN UNION** (Euratom) and **NORWAY**. 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.

1788. **EUROPEAN UNION** (European Community) and **SLOVENIA**. Europe Agreement. Signed June 10, 1996; in force February 1, 1999. **Termination:**
indefinite duration. **Source:** UKTS European Communities 1/2002. **Note:** Article 81 concerns nuclear safety. Article 82 concerns environmental issues, including the production and use of energy, nuclear installations and co-operation regarding natural and man-made disasters.

1789. **EUROPEAN UNION** (Euratom) and **SWEDEN.** Co-operation Agreement on Radiation Protection. Signed June 21, 1994. **Termination:** December 31, 1994. **Source:** EUR-LEX 21994A0824(01). OJEU L219, August 24, 1994. **Note:** This associates Sweden, as of January 1, 1992, with a European Communities program of research on radiation protection, for the duration of that program.

1790. **EUROPEAN UNION** (Euratom) and **SWITZERLAND.** Co-operation Agreement on Radiation Protection. Signed May 31, 1994; in force: unknown. **Termination:** December 31, 1994. **Source:** EUR-LEX 21994A0824(03). OJEU L219, August 24, 1994. **Note:** This associates Switzerland, as of July 1, 1992, with a European Communities program of research in radiation protection, for the duration of that program.


1792. **EUROPEAN UNION** (Euratom) and **UKRAINE.** Agreement on Co-operation in the Field of Nuclear Safety. Signed July 23, 1999; in force November 13, 2002. **Termination:** indefinite duration. **Source:** EUR-LEX 22002A1127(02). OJEU L322, November 27, 2002. **Note:** This follows from the European Communities-Ukraine agreement of June 14, 1994, sequence number 1572.


1795. **EUROPEAN UNION** (Euratom) and **UNITED STATES** (Department of Energy). Technical Exchange and Co-operation Arrangement in the Field of Nuclear-Related Technology Research and Development. Signed March 6, 2003; in force March 6, 2003. **Termination:** indefinite duration. **Source:** US DOE.

1796. **EUROPEAN UNION** (Euratom) and **UZBEKISTAN.** Agreement for Co-

1797. **FRANCE** (Ministry of Foreign Affairs) and **INDIA** (Department of Atomic Energy). Declaration on the Development of Nuclear Energy for Peaceful Purposes. Signed February 20, 2006. **Termination:** not specified. **Source:** IDEA. WNC 20060220. **Note:** This elaborates on the terms of existing agreements and of a future agreement.

1798. **FRANCE** and **ITALY**. 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.

1799. **FRANCE** (Commissariat à l’Energie Atomique) and **JAPAN** (Japan Atomic Energy Agency). 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).

1800. **FRANCE** and **SWITZERLAND**. Exchange of Letters constituting an Agreement concerning the Establishment of a French-Swiss Mixed Commission on Nuclear Safety. Signed November 30, 1989; in force November 30, 1989. **Termination:** indefinite duration. **Source:** UNTS 28257. **Note:** This follows from the agreement of December 5, 1988, sequence number 1186.

1801. **FRANCE** and **UKRAINE**. Agreement on Co-operation in the Energy Sector. Signed September 3, 1998; in force September 3, 1998. **Termination:** September 2, 2018. **Source:** UNTS 36230. **Note:** This includes nuclear energy, and particularly nuclear safety.

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.

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.

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.

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.

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.

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.


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).

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.

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.
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.

1818. SPAIN (Junta de Energía Nuclear) and UNITED STATES (Department of Energy). Memorandum of Understanding for Co-operation in Energy Research and Development. Signed June 6, 1986; in force June 6, 1986. **Termination:** June 5, 1991. **Source:** TIAS 12128. **Note:** This includes nuclear energy co-operation, including safety and waste management. This could be the same as 1272.


1820. UKRAINE 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.

1821. UKRAINE and UNITED STATES. Agreement on Co-operation in the Field of Emergency Preparedness. Signed May 7, 1992; in force May 7, 1992. **Termination:** indefinite duration. **Source:** TIAS 11466. IAEA-CNNP Ukraine 2002. **Note:** This includes radiation exposure ad monitoring.

1822. UNITED STATES (Department of Energy) and UZBEKISTAN (Ministry of Foreign Affairs). Agreement Concerning Co-operation in the Area of Prevention of Proliferation of Nuclear Materials and Technologies. Signed March 12, 2002; in force March 12, 2002. **Termination:** for the duration of the June 5, 2001 Agreement on Co-operation in the Promotion of Defense Relations and the Prevention of Proliferation of Weapons of Mass Destruction. **Source:** PGS docs. **Note:** This concerns switching highly-enriched uranium in Uzbekistan for low-enriched uranium.

1823. ALGERIA and ARGENTINA. Agreement to Sell a Reactor. Signed 1985. **Termination:** unknown. **Source:** CIA ME-SA, 1988, p. 3.
1824. ALGERIA (Haute Commission à la Recherche) and ARGENTINA (INVAP). Agreement for Technological Co-operation. Signed mid-1988. **Termination:** unknown. **Source:** Ornstein, p. 25.

1825. ALGERIA and CHINA (PRC). Co-operation in Peaceful Uses of Nuclear Energy. Signed February 1983. **Termination:** unknown. **Source:** NTI: PRC. **Note:** This concerns a 15 MW research reactor.

1826. ALGERIA and CHINA (PRC). Agreement for a Heavy Water Reactor. Signed December 1986. **Termination:** unknown. **Source:** WNC 19980124.

1827. ALGERIA and CHINA (PRC). Letter of Intent on Peaceful Utilization of Nuclear Technology. Signed October 17, 1996. **Termination:** unknown. **Source:** WNC 19961018. **Note:** This may concern production and research facilities for radioisotopes. It could be linked to the agreement of June 1, 1996, sequence number 1460.


1829. ALGERIA (Energy and Mines Ministry) and CHINA (PRC) (Atomic Energy Authority). Agreement on Training, Research and Human Resources. Reported March 25, 2008. **Termination:** unknown. **Source:** NN 20080326.

1830. ALGERIA and FRANCE. Agreement on the Use and Development of Nuclear Energy for Peaceful Purposes. Reported December 4, 2007. **Termination:** unknown. **Source:** WNC 20071204. WMDI 24. **Note:** This includes fundamental research, technology transfer, training, electricity production, and prospecting for and exploitation of uranium.

1831. ALGERIA and INDIA. Nuclear Co-operation Agreement. Signed (?) September 25, 1990. **Termination:** unknown. **Source:** IAEA-CNNP India 2004.

1832. ALGERIA and RUSSIA. 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.

1833. ALGERIA and UNITED STATES. Nuclear Co-operation Agreement. Signed June 9, 2007. **Termination:** unknown. **Source:** NN 20070611.

1834. ALGERIA and UNITED STATES. Sister Laboratory Agreement. Signed June 9, 2007. **Termination:** unknown. **Source:** NN 20070611. NN 20070808.


1837. **ARGENTINA** and **BRAZIL**. Agreement for Mutual Inspection of Nuclear Facilities. Signed February 7, 1985. **Termination:** unknown. **Source:** NTI WMD Chronology.


1839. **ARGENTINA** and **BRAZIL**. Agreement on Reactor Development. Signed December 21, 2007. **Termination:** unknown. **Source:** WNC 20080222. **Note:** This forms a binational commission to present a common project.

1840. **ARGENTINA** and **BRAZIL**. Agreement. Reported February 25, 2008. **Termination:** unknown. **Source:** WMDI 23. **Note:** The WMDI report says this is apparently regarding joint uranium enrichment and nuclear submarines, but the latter is denied by Brazil, which says it is only about reactors. NN 20080226 reports a “declaration” reported on February 24, 2008, concerning the beginning of negotiations on building a joint enrichment plant. ACT April 2008 reports a joint communiqué on February 22, 2008, to set up a binational commission to explore further areas of nuclear co-operation, such as the development of a joint nuclear reactor, exploring aspects of the fuel cycle, and a binational company for uranium enrichment.

1841. **ARGENTINA** (INVAP) and **EGYPT**. Contract for Research Reactor. Signed September 19, 1992. **Termination:** unknown. **Source:** Wisc- Egypt. Ornstein p. 32. **Note:** This is apparently for a 22MW reactor at Inshas.

1842. **ARGENTINA** and **EGYPT**. Protocol on Technical Co-operation in Nonconventional Energy. Reported May 16, 1998. **Termination:** unknown. **Source:** WNC 19980516. **Note:** This includes a reference to atomic energy.

1843. **ARGENTINA** (INVAP) and **EGYPT** (Atomic Energy Authority). Contracts. Signed May 31, 1999. **Termination:** unknown. **Source:** Ornstein p. 33. **Note:** One contract is for a facility for the storage of fuel elements. This was reportedly suspended and possibly cancelled. The other is for a plant for radioisotope production, and apparently is proceeding.


1854. ARGENTINA and UNITED STATES. Agreement on Co-operative Thermal-


1857. **ARMENIA** and **RUSSIA**. 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.

1858. **ARMENIA** (Ministry of Environmental Protection) and **RUSSIA** (Federal Agency for Atomic Energy). 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. **ARMENIA** and **RUSSIA** (Federal Agency for Atomic Energy). 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.

1860. **ARMENIA** (Ministry of Environmental Protection) and **RUSSIA** (ATOMREDMETZOLOTO). 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.

1861. **ARMENIA** and **TURKEY**. Safety Protocol. Reported May 29, 1997. **Termination:** unknown. **Source:** NTI: Armenia. **Note:** This concerns the Armenian nuclear power station at Metsamor.


1865. ARMENIA and UNITED STATES. Assistance in Feasibility Study. Signed November 21, 2007. **Termination:** unknown. **Source:** WNC 20071121. **Note:** This concerns the construction of a nuclear power plant to replace the unit near Yerevan.

1866. ARMENIA and RUSSIA. Exchange of Notes on Armenian Participation in Angarsk International Uranium Enrichment Activity. Signed February 6, 2008. **Termination:** unknown. **Source:** PIR Angarsk Chronology.

1867. AUSTRALIA and EGYPT. Nuclear Co-operation Agreement. Signed July 26, 1981. **Termination:** unknown. **Source:** IAEA-CNNP Egypt 2005. **Note:** It is not clear that this entered into force.

1868. AUSTRALIA and JAPAN. 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.


1871. AUSTRIA and CZECH REPUBLIC. Agreement on the Temelin Nuclear Power Plant. Signed December 13, 2000; in force December 13, 2000. **Termination:** unknown. **Source:** WNC 20001213. **Note:** This concerns monitoring and safety measures at the Temelin facility.

1872. BELARUS and UKRAINE. Nuclear Safety Agreement. Reported October 17, 2001. **Termination:** unknown. **Source:** NN 20011019.

1873. BELARUS and UKRAINE. Design Documentation Agreement. Signed February 29, 2008. **Termination:** unknown. **Source:** WNC 20080229.
1874. **BELGIUM** and **CHINA (PRC)**. Nuclear Co-operation Agreement. Signed September 21, 2006. **Termination:** unknown. **Source:** WNC 20061024.

1875. **BELGIUM** and **GERMANY, FEDERAL REPUBLIC OF**. Nuclear Co-operation Agreement. Signed February 12, 2004. **Termination:** unknown. **Source:** BELG.

1876. **BELGIUM** and **LUXEMBOURG**. Nuclear Agreement. Signed 1970. **Termination:** unknown. **Source:** IAEA-CNNP Belgium 2002.

1877. **BELGIUM** and **LUXEMBOURG**. 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.

1878. **BELGIUM** (Internal Affairs Ministry) and **RUSSIA** (Atomic Energy 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.


1880. **BOSNIA** and **MACEDONIA**. 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.

1881. **BRAZIL** and **CHINA (PRC)**. Nuclear Co-operation Agreement. Signed May 2004, reported May 30, 2005. **Termination:** unknown. **Source:** WNC 20050530.

1882. **BRAZIL** and **KOREA (ROK)**. Agreement on Co-operation. Signed January 18, 2001. **Termination:** unknown. **Source:** NTI: South Korea. **Note:** Nuclear power is one area of co-operation mentioned.

1883. **BRAZIL** and **LIBYA**. Agreement. Signed 1984. **Termination:** unknown. **Source:** CIA ME-SA May 1988, p. 46. **Note:** This is about uranium prospecting and development services.

1884. **BRAZIL** (Comissão Nacional de Energia Nuclear) and **RUSSIA** (Atomic Energy Ministry). 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.
1885. **BRAZIL** and **SOUTH AFRICA.** Creation of a Binational Commission. Signed August 2002. **Termination:** unknown. **Source:** NTI South Africa. **Note:** This includes the electrical and nuclear industries.

1886. **BRAZIL** and **UNITED STATES** (Department of Energy). Agreement on the International Nuclear Energy Research Initiative (I-NERI). Signed June 2003. **Termination:** unknown. **Source:** US DOE. **Note:** This is referenced in the announcement of the Canada-US agreement of June 17, 2003, sequence number 1779.


1888. **BULGARIA** (Institute for Nuclear Research and Nuclear Energy) and **FRANCE** (Commissariat à l'Energie Atomique). Collaboration Agreement. Signed 2005. **Termination:** unknown. **Source:** CEA 2005.

1889. **BULGARIA** and **RUSSIA.** 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. **BULGARIA** and **RUSSIA.** Agreements on the Nuclear Energy Industry. Signed May 31, 2002. **Termination:** unknown. **Source:** WNC 20020531.


1894. **CANADA** (Atomic Energy of Canada Ltd.) and **INDIA.** 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 reac-
tor systems.

1895. CANADA (Atomic Energy of Canada Ltd.) and KOREA (ROK) (Korea Atomic Energy Research Institute). Research Reactor contract. Signed February 1, 1988. **Termination:** unknown. **Source:** NTI: South Korea. **Note:** This is for the 30 MW reactor at Taedŏk.

1896. CANADA (Atomic Energy of Canada Ltd.) and KOREA (ROK) (Korea Atomic Energy Research Institute). Fuel Development Agreement. Signed January 1991. **Termination:** unknown. **Source:** NTI: South 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.


1900. CANADA (Canadian Nuclear Safety Commission) and RUSSIA. Administrative Arrangement regarding Canadian Transfers of Uranium to Russia. Amended 2004. **Termination:** unknown. **Source:** CNSC 2004-5.


tember 23, 1996, No. 39. **Note:** This is listed in USTF 2004 but not in USTF 2005, and therefore is tentatively treated as terminated in 2003.

1904. **CANADA** (Department of Natural Resources) and **UNITED STATES** (Department of Energy) and. Memorandum of Understanding on Collaboration in Energy Research. Signed March 18, 1998. **Termination:** unknown. **Source:** Referenced in the Canada-US agreement of June 16, 2003, sequence number 1779.

1905. **CANADA** and **UNITED STATES** (Department of Energy). Agreement on Shipment of Mixed Oxide Fuel to Canada. Announced September 2, 1999. **Termination:** unknown. **Source:** NN 19990908. **Note:** This may involve Atomic Energy of Canada Ltd.


1910. **CHILE** and **RUSSIA**. Agreement on Co-operation in the Use of Nuclear Energy 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.


1913. **CHINA (PRC)** and **EGYPT**. Co-operation Agreement. Signed January 23,


1917. CHINA (PRC) and FRANCE. Protocol. Reported November 25, 1994. Termination: unknown. Source: NTI: PRC. Note: This is said to promise a strengthening of co-operation in the development of nuclear technology for peaceful purposes and a sharing of research findings regarding Pressurized Water Reactors fast neutron reactors and waste disposal.

1918. CHINA (PRC) and GERMANY, FEDERAL REPUBLIC OF. Agreement. Signed 1987. Termination: unknown. Source: NTI: PRC.

1919. CHINA (PRC) and IRAN. 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. CHINA (PRC) and IRAN. 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. CHINA (PRC) and IRAN. Agreement. Signed 1989. Termination: unknown. Source: NTI: PRC. Note: This supposedly concerns the transfer of nuclear technology to Iran.

1922. CHINA (PRC) and IRAN. 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. CHINA (PRC) and IRAN. Agreement. Signed 1992. Termination: unknown. Source: NTI: PRC. WNC 19951217. Note: This is supposedly about the sup-
ply of various equipment to Iran, including electromagnetic uranium enrichment technology.

1924. **CHINA (PRC) and IRAN.** 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. **CHINA (PRC) and IRAN.** 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.


1927. **CHINA (PRC) and IRAN.** Uranium Exploration Agreement. Signed April 18, 1996. **Termination:** unknown. **Source:** NTI: Iran.

1928. **CHINA (PRC) and JAPAN.** “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.

1929. **CHINA (PRC) and JAPAN.** 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.

1930. **CHINA (PRC) (Institute of Plasma Physics) and JAPAN (Japan Atomic Energy Agency).** Agreement on Co-operation in Fusion Energy Research and Development. Signed January 2007. **Termination:** unknown. **Source:** JAEA.

1931. **CHINA (PRC) and KAZAKHSTAN.** 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. **CHINA (PRC) (China Guandong Nuclear Power Group) and KAZAKHSTAN (Kazatomprom).** Agreement for Fuel Production. Signed May 2007. **Termination:** unknown. **Source:** Kassenova.

1933. **CHINA (PRC) and KAZAKHSTAN.** Agreement on Use of Uranium Resources. Signed November 2007. **Termination:** unknown. **Source:** WNC
Note: This could be between Kazatomprom and the China Guandong Nuclear Power Corporation.

1934. **CHINA (PRC) and KOREA (DPRK).** Nuclear Co-operation Agreement. Signed September 1959. **Termination:** unknown. **Source:** NTI: N. Korea. NTI: PRC.

1935. **CHINA (PRC) and KOREA (DPRK).** Training Agreement. Signed April 1974. **Termination:** unknown. **Source:** NTI: PRC.

1936. **CHINA (PRC) and KOREA (ROK).** 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.

1937. **CHINA (PRC) and KOREA (ROK).** Agreement. Signed February 1995. **Termination:** unknown. **Source:** NTI: PRC. **Note:** This concerns cooperation in establishing manufacturing facilities in China for nuclear components and equipment, and fabrication of major components.

1938. **CHINA (PRC) and KOREA (ROK).** 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.

1939. **CHINA (PRC) and KOREA (ROK).** 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. **CHINA (PRC) and KOREA (ROK).** 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.

1941. **CHINA (PRC) and KOREA (ROK).** Establishment of a Nuclear Consultative Council. Signed November 12, 1996. **Termination:** unknown. **Source:** NTI: S. Korea.

1942. **CHINA (PRC) and KOREA (ROK).** Nuclear Co-operation Agreement. Signed 1999. **Termination:** unknown. **Source:** WNC 20000907.

1943. **CHINA (PRC) and KOREA (ROK).** Establishment of a Joint Nuclear Hybrid Research Center at Chinghua University. Signed November 18, 2003. **Termination:** unknown. **Source:** NTI: S. Korea.

1944. **CHINA (PRC) (China National Nuclear Corporation) and NIGER.** Agreement. Signed 2006. **Termination:** unknown. **Source:** WMDI 20. **Note:** This allows CNNC to develop a uranium deposit.
1945. **CHINA (PRC) and PAKISTAN.** 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. **CHINA (PRC) and PAKISTAN.** 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. **CHINA (PRC) (China National Nuclear Corporation) and PAKISTAN (Pakistan Atomic Energy Commission).** 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. **CHINA (PRC) and PAKISTAN.** 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. **CHINA (PRC) and PAKISTAN.** 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. **CHINA (PRC) and PAKISTAN.** 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.

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.


1958. CHINA (PRC) and SAUDI ARABIA. Atomic Energy Co-operation Agreement. Reported October 31, 1999. Termination: unknown. Source: WNC 19991031. Note: This is reported in the context of co-operation over the last few years.

1959. CHINA (PRC) and SOUTH AFRICA. Technical and Scientific Co-operation Agreement. Signed March 2003. Termination: unknown. Source: NTI: South Africa. Note: This includes the peaceful use of nuclear energy.
1960. **CHINA (PRC)** and **SOUTH AFRICA**. Technical and Scientific Co-operation Agreement. Signed March 2005. **Termination:** unknown. **Source:** NTI: South Africa. **Note:** This includes the peaceful use of nuclear energy.

1961. **CHINA (PRC)** and **UKRAINE**. Peaceful Use of Nuclear Energy. Signed March 27, 1996. **Termination:** unknown. **Source:** NTI: PRC. **Note:** This includes co-operation in uranium prospecting and mining, research and development of water-cooled reactors, construction and safety measures of nuclear power stations.

1962. **CHINA (PRC)** and **RUSSIA** (USSR). 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.

1963. **CHINA (PRC)** and **RUSSIA** (USSR). Uranium Survey Agreement. Signed January 30, 1955. Modified December 19, 1956? **Termination:** unknown. **Source:** NTI: China. 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.

1964. **CHINA (PRC)** and **UNITED STATES**. Formal Fusion Arrangement. Signed March 13, 1986. **Termination:** unknown. **Source:** US DOE.


1966. **CHINA (PRC)** and **UNITED STATES**. Exchange of Notes on Government Nonproliferation Assurances in Nuclear Technology Transfers. Signed September 15 or 16, 2003. **Termination:** indefinite duration. **Source:** NTI: PRC. WNC 20030917. **Note:** This appears to supplement the agreements of July 23, 1985 (sequence number 0294) and June 29, 1998 (sequence number 1497).

1967. **CHINA (PRC)** (China Atomic Energy Authority) and **UNITED STATES** (Department of Energy). Statement of Intent concerning Co-operation in the Fields of Peaceful Use of Nuclear Energy and Nuclear Nonproliferation and Counterterrorism. Signed January 12, 2004. **Termination:** indefinite duration. **Source:** NTI: PRC. **Note:** This includes reactor technology and nuclear applications, nuclear emergence management and safety, export controls, safeguards and physical protection.

1968. **CHINA (PRC)** and **UNITED STATES**. Protocol on Co-operation in Nuclear

1969. **CHINA (PRC) and UNITED STATES.** Technology Transfer Agreement. Signed December 2006. **Termination:** unknown. **Source:** NN 20070301. **Note:** This apparently paves the way for Westinghouse to bid to construct 4 reactors in China.


1971. **CHINA (ROC) (Atomic Energy Committee) and FRANCE (Commisariat à l'Energie Atomique).** Co-operation for Peaceful Uses of Atomic Energy. 1994. **Termination:** unknown. **Source:** TAEC.

1972. **CHINA (ROC) (Nuclear Science and Technology Association) and JAPAN (Japan Nuclear Energy Safety Organization).** Bilateral Co-operation in Nuclear Energy Control and Safety. Signed May 26, 2004. **Termination:** unknown. **Source:** WNC 20040526.

1973. **CROATIA and SLOVENIA.** Agreement on the Krsko Nuclear Power Plant. Signed December 16, 2001. **Termination:** unknown. **Source:** NTI: Yugoslavia. **Note:** This provides for joint ownership of the plant. There may be a later agreement to dismantle it, March 2005.


**1981. CZECH REPUBLIC** (Czechoslovakia) and **IRAN**. Nuclear Co-operation Agreement. Signed 1989. **Termination:** unknown. **Source:** NTI: Iran.


**1983. CZECH REPUBLIC** and **RUSSIA**. 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.


1990. **CZECH REPUBLIC** (State office of Nuclear Safety) and **UNITED STATES** (Nuclear Regulatory Commission). Agreement on Application of Thermohydraulic Codes (CAMP). Noted 2003. **Termination:** unknown. **Source:** IAEA-CNNP Czech Republic 2003. Note: An implementing arrangement is also noted in 2003.


1993. **EGYPT** and **JORDAN**. 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.


1995. **EGYPT** and **KOREA (ROK)**. 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. **EGYPT** and **KOREA (ROK)**. 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.


1998. **EGYPT** (Ministry of Electricity and Energy) and **MOROCCO** Ministry of Energy and Mining. 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.


2000. **EGYPT** (Ministry of Electricity and Energy) and **RUSSIA** (Ministry of Atomic 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. **EGYPT** and **RUSSIA**. 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.


2006. **EUROPEAN UNION** and **KAZAKHSTAN**. Nuclear Energy Agreement.
Signed December 5, 2006. **Termination:** unknown. **Source:** Kazakh December 5, 2006. **Note:** This may be a uranium supply agreement.


2008. **EUROPEAN UNION** (Euratom) and **POLAND**. Agreement on Fusion Energy Co-operation. Noted April 25, 2005. **Termination:** unknown. **Source:** WNC 20050425.

2009. **EUROPEAN UNION** (Euratom) and **SLOVENIA**. Agreement on Fusion Co-operation. Noted April 25, 2005. **Termination:** unknown. **Source:** WNC 20050425.


2011. **EUROPEAN UNION** (European Commission) and **UNITED STATES**. Exchange of Letters concerning Retransfer of Plutonium to Japan. Signed 1998. **Termination:** unknown. **Source:** ESA 1999:38.

2012. **FINLAND** and **INDIA**. Memorandum of Understanding. Signed February 15, 1980. **Termination:** unknown. **Source:** NTI: India. **Note:** This concerns technical assistance in the construction of nuclear power stations.


2016. **FRANCE** (Commissariat à l'Energie Atomique) and **INDIA**. 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 terms this a “reestablished” collaboration.
2017. **FRANCE** and **INDIA**. 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).

2018. **FRANCE** (Commissariat à l'Energie Atomique) and **INDIA** (Atomic Energy Commission). 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. **FRANCE** (Commissariat à l'Energie Atomique) and **INDIA** (Department of Atomic Energy). 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.


2021. **FRANCE** (Commissariat à l'Energie Atomique) and **INDIA** (Department of Atomic Energy). 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.

2022. **FRANCE** (Commissariat à l'Energie Atomique) and **IRAN**. Uranium Prospecting and Exploitation Agreement. Signed around 1961. **Termination:** unknown. **Source:** NBF 1023:17.

2023. **FRANCE** (Grand Accelerateur National d’Ions Lourds) and **ISRAEL**. 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.

2024. **FRANCE** (Commissariat à l'Energie Atomique) and **JAPAN** (Japan Atomic Energy Research Institute). 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.

2025. **FRANCE** (Commissariat à l'Energie Atomique) and **JAPAN** (Japan Atomic Energy Research Institute). Implementing Agreement for Co-operation in the Field of the Fuel Cycle. Signed fiscal year 2002. **Termination:** unknown. **Source:** JAERI 2002-3.

2027. **FRANCE** (IRSN – Institute for Radiation Protection and Nuclear Safety) and **JAPAN** (Japan Atomic Energy Agency). Co-operation Agreement in the Field of Nuclear Safety and Radiation Protection. Signed March 2006. **Termination:** unknown. **Source:** JAEA.

2028. **FRANCE** and **JORDAN**. Nuclear Co-operation Agreement. Signed 2006. **Termination:** unknown. **Source:** NN 20080416. **Note:** NTI Newswire April 15, 2008 reports a “preliminary” agreement in 2007.

2029. **FRANCE** (Commissariat à l'Energie Atomique, Fragema) and **KOREA** (**ROK**) (Korea Atomic Energy Research Institute). Agreement to Co-operate in Research and Development of PWR Fuel Rods. Signed October 1, 1984. **Termination:** unknown. **Source:** NTI: S. Korea. **Note:** Fragema is a division of Framatome.

2030. **FRANCE** and **KOREA** (**ROK**). 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.

2031. **FRANCE** (Commissariat à l'Energie Atomique) and **LIBYA** (National Bureau of Research and Development). Co-operation Agreement. Signed May 2005. **Termination:** unknown. **Source:** CEA “Actualités”. **Note:** This concerns desalination and the production of radioisotopes.

2032. **FRANCE** (Commissariat à l'Energie Atomique) and **LIBYA** (General People’s Committee for Workforce, Training and Employment). 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, WNC 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. **FRANCE** and **LIBYA**. 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. **FRANCE** and **LIBYA**. Agreement on Peaceful Use of Nuclear Energy. Signed December 10, 2007. **Termination:** unknown. **Source:** WNC 20071220. **Note:**
this concerns desalination, support for uranium exploration and exploitation, and legal, regulatory and administrative support.

2035. FRANCE and MOROCCO. 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.


2041. FRANCE and RUSSIA. 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, cooperation in stabilizing the uranium market, and MOX fuel technology.


2044. FRANCE and UNITED ARAB EMIRATES. Framework Agreement. Signed January 15, 2008. Termination: unknown. Source: WMDI 24. NN 20080404. WNC 20080115. Note: This concerns evaluation of the potential use of nuclear energy for peaceful purposes. It will set up a joint committee to oversee co-operation in nuclear power generation (possibly the construction of two reactors), desalination, basic and applied research.

2045. FRANCE and UNITED KINGDOM. Nuclear Co-operation Agreement. Re-
ported March 27, 2008. **Termination:** unknown. **Source:** NN 20080328.  
**Note:** This covers co-operation in nuclear regulation for safety, security, waste management, rector licensing, and the exchange of nuclear technicians and expertise.


2048. **FRANCE** and **UNITED STATES**. Implementing Agreement regarding the IRSN-USNRC PHEBUS Source Term Effects Test Program. Signed August 24 and 31, 2006; in force August 31, 2006. **Termination:** unknown. **Source:** USTF 2007.

2049. **FRANCE** and **VIETNAM**. Nuclear Co-operation for Peaceful Purposes. Signed May 26, 2004. **Termination:** unknown. **Source:** WNC 20040526.


2052. **GHANA** and **SOUTH KOREA**. Agreement on the Exchange of Nuclear Scientists. Announced April 24, 2005. **Termination:** unknown. **Source:** WNC 20050424.


2055. **HUNGARY** and **ROMANIA**. Agreement on Early Notification of Nuclear Accidents. Signed May 26, 1997; in force October 3, 1997. **Termination:** unknown. **Source:**
known. **Source:** IAEA-CNNP Romania 2002.


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.


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.


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

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.

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?

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.

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.

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.


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.


2074. **INDONESIA** and **UNITED STATES**. Arrangement for the Exchange of Technical Information and Co-operation in Nuclear Safety Matters. Signed


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.


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.

2080. **IRAN** and **VENEZUELA**. Agreement on Common Raw Material Exploitation. Signed May 2006. **Termination**: unknown. **Source**: Flemes, p. 26. **Note**: Flemes 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.

2081. **IRAQ** and **ITALY**. Agreement. Signed 1978. **Termination**: unknown. **Source**: FoF February 1980, p. 220. **Note**: This concerns the supply of a hot cell.

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.

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 cen-
ters, and Israeli experts in the US.


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.

2093. **JAPAN** and **KOREA (ROK)**. Nuclear Safety Co-operation Agreement. Signed March 8, 1991. **Termination:** unknown. **Source:** NTI: S. Korea.

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.


2099. **JAPAN** (Japan Atomic Energy Research Institute) and **UNITED STATES** (Department of Energy). Memorandum of Agreement on Co-operation on Neutron Mean Line Shield Experiment for Spallation Neutron Source. Signed fiscal 2001. **Termination:** unknown. **Source:** JAERI 2001-2002.


2101. **JAPAN** (Japan Atomic Energy Research Institute) and **UNITED STATES** (Department of Energy). Implementing Agreement in the Area of Probabilistic


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.


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.

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.

2108. **JORDBAN** (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.

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.”


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.


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.


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.

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.

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 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. 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.

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 Uti-

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.


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.

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.

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.


2141. **KOREA (ROK)** (Korea Atomic Energy Research Institute?) and **UNITED STATES**. Agreement on Research and Development of Advanced Prolifera-

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.


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.

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.


**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.

**2158. LIBYA and PAKISTAN.** Nuclear Co-operation Agreement. Signed January 1981. **Termination:** unknown. **Source:** NTI: Libya.


**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.”


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.


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.


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.


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 En-
ergy and Nuclear Technology.

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.

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.

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.

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.

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.

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.

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.
2187. **RUSSIA and UKRAINE.** Agreement on Completion of Units at the Kmelnytsky and Rivne Nuclear Power Stations. Reported December 14, 2001. **Termination:** 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.

2189. **RUSSIA and UKRAINE.** Protocol on Co-operation in Peaceful Uses of Nuclear Energy. Signed 2004. **Termination:** unknown. **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.

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.

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.


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.


2214. SPAIN and UNITED STATES. Implementing Agreement in the Area of Nu-


2218. **SWEDEN** (Swedish Nuclear Fuel and Waste Management Company) and **UNITED STATES** (Department of Energy). Collaboration on Waste. Signed 1992. **Termination:** unknown. **Source:** US OCRWM.


2220. **SWITZERLAND** (Federal Inspectorate for Nuclear Safety) and **UKRAINE** (State Commission on Nuclear and Radiation Safety). Agreement. Renewed 2000. **Termination:** unknown. **Source:** IAEA-CNPP Ukraine 2002.


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


UNITED STATES (Department of Energy – National Nuclear Security Administration) and VIETNAM (Ministry of Science and Technology). Arrangement. Reported September 12, 2007. Termination: unknown. Source: NN 20070913. Note: This concerns co-operation with scientists at Oak Ridge and Lawrence Livermore. The focus is on safety, security, non-proliferation, waste, radiation protection, and environmental monitoring. Future collaboration may include safeguards and regulatory controls.


BRAZIL and UNITED STATES. Exchange of Notes constituting an Agreement relating to a Grant for Procurement of Nuclear Research and Training Equipment and Materials. Signed October 20, 1959 and February 27, 1960; in
force February 27, 1960. **Termination:** no specific provision. **Source:** UNTS 5515. TIAS 4547.

2233. **BRAZIL** and **UNITED STATES.** Exchange of Notes constituting an Agreement relating to a Grant for Procurement of Nuclear Research and Training Equipment and Materials. Signed October 10, 1960 and March 17, 1961; in force March 17, 1961. **Termination:** no specific provision. **Source:** UNTS 5853. TIAS 4727.


2235. **CHILE** and **UNITED STATES.** Exchange of Notes constituting an Agreement relating to a Grant for Procurement of Nuclear Research and Training Equipment and Materials. Signed July 23, 1959 and February 19, 1960; in force February 19, 1960. **Termination:** no specific provision. **Source:** UNTS 5282. TIAS 4457.

2236. **CHINA (ROC)** and **UNITED STATES.** Exchange of Notes constituting an Agreement relating to a Grant for Procurement of Nuclear Research and Training Equipment and Materials. Signed October 16 and December 2, 1959; in force December 2, 1959. **Termination:** 1979? **Source:** UNTS 5175. USTF 1978, 1981. **Note:** This is listed in USTF 1978, but not in USTF 1981. This may be terminated by 1979, or alternatively may be under the US-Taiwan arrangements following US recognition of the People’s Republic of China.

2237. **COLOMBIA** and **UNITED STATES.** Exchange of Notes constituting and Agreement relating to a Grant for Procurement of Nuclear Research and Training Equipment and Materials. Signed July 31, 1959 and January 11, 1960; in force January 11, 1960. **Termination:** no specific provision. **Source:** UNTS 5268. TIAS 4421.

2238. **FINLAND** (Iamtran Voima Oy – IVO) and **UNITED STATES** (Nuclear Regulatory Commission). Agreement on Pressurized Thermal Shock Research and Materials Technology. Signed May 30 and June 7, 1984; in force June 7, 1984. **Termination:** June 6, 1986. **Source:** NRC text. **Note:** IVO is a state-owned power company. This agreement follows from the agreement of September 26, 1980, sequence number 0239.

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.

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.

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.

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.

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

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.

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.
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.


2249. **SWEDEN** Studsvik Energiteknik) and **UNITED STATES** (Nuclear Regulatory Commission). Technical Exchange and Co-operative Arrangement in the Field of Nuclear Safety Research and Development. Signed January 27 and February 23, 1981; in force February 23, 1981. **Termination:** February 22, 1986. **Source:** UNTS 21111. TIAS 10099. **Note:** See also the agreement of February 1, 1985, sequence number 2251.


2251. **SWEDEN** (Nuclear Power Inspectorate and Studsvik Energiteknik) and **UNITED STATES** (Nuclear Regulatory Commission). Agreement on Thermal-Hydraulic Research. Signed February 1, 18 and 25, 1985; in force February 25, 1985. **Termination:** February 24, 1988. **Source:** NRC text. **Note:** This follows from the agreement of January 27, 1981, sequence number 2249.

2252. **UNITED KINGDOM** and **UNITED STATES.** Articles of Agreement Governing Collaboration in the Matter of Tube Alloys. Signed August 19, 1943; in force August 19, 1943. **Termination:** no specific provision. **Source:** UNTS 341. TIAS 2993.

2253. **UNITED STATES** and **YUGOSLAVIA.** Exchange of Notes constituting an Agreement relating to a Grant for Procurement of Nuclear Research and Training Equipment and Materials. Signed April 19, 1961; in force April 19, 1961. **Termination:** no specific provision. (Yugoslavia dissolved in 1991.) **Source:** UNTS 5883. TIAS 4731. USTF 2008. **Note:** This was still listed in USTF 2008.

2254. **AUSTRALIA** and **FRANCE.** Exchange of Letters constituting an Agreement on the Implementation of a Reprocessing Contract between COGEMA and
ANTSO. Signed August 27, 1999; in force August 27, 1999. **Termination:** indefinite duration. **Source:** UNTS 22385. Base Pacte. RTAF 2000/3. **Note:** This comes under the agreement of January 7, 1981, sequence number 0305.


2256. **AUSTRALIA** and **SWEDEN.** Exchange of Letters constituting an Agreement relating to the Agreement on Conditions and Controls. Signed March 18, 1981; in force May 22, 1981. **Termination:** January 14, 1991. **Source:** UNTS 22732. **Note:** This applies to transfers to third countries. It was superseded by the agreement of January 15, 1991, sequence number 2257.

2257. **AUSTRALIA** and **SWEDEN.** Exchange of Notes constituting an Agreement concerning Arrangements applying to Certain Transfers between Sweden and Third Countries. Signed January 15, 1991; in force January 15, 1991. **Termination:** unknown (same as sequence number 0306). **Source:** ATS 1991/10. UNTS 22732, 28222. **Note:** This replaces the agreement of March 18, 1981, sequence number 2256.

2258. **CANADA** (Atomic Energy Control Board) and **HUNGARY** National Atomic Energy Commission. Administrative Agreement August 14, 1989. **Termination:** unknown. **Source:** NTIS DE90-627079. **Note:** This follows from the agreement of November 27, 1987, sequence number 0763.

2259. **CANADA** and **JAPAN.** 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.

2261. **CANADA** (Atomic Energy Control Board) and **INDONESIA** (Badan Tenaga Atom Nasional). Technical Co-operation Agreement. Signed 1996. **Termination:** unknown. **Source:** AECB-R Spring 1996. **Note:** This follows from the agreement of July 12, 1982, sequence number 0523.

2262. **CANADA** and **UNITED STATES**. Exchange of Notes constituting an Agreement regarding the Application of Safeguards to Natural Uranium transferred from Canada. Signed January 28 and 30, 1969; in force January 30, 1969. **Termination:** July 8, 1980. **Source:** UNTS 10265. CTS 1969/3. TIAS 6649. **Note:** This is terminated by the Protocol of April 23, 1980 to the agreement of June 15, 1955, sequence number 0007. See also the agreements of March 18, 1976 (sequence number 2263) and of November 15, 1977 (sequence number 2264).

2263. **CANADA** and **UNITED STATES**. Exchange of Notes constituting an Interim Arrangement relating to Atomic Energy: Application of Safeguards to Uranium from Canada. Signed March 18 and 25, 1976; in force March 25, 1976. **Termination:** July 8, 1980. **Source:** UNTS 15641. TIAS 8287. **Note:** This is terminated by the Protocol of April 23, 1980 to the agreement of June 15, 1955, sequence number 0007. See also the agreements of January 28, 1969, 1976 (sequence number 2262) and of November 15, 1977 (sequence number 2264).

2264. **CANADA** and **UNITED STATES**. Exchange of Notes constituting an Agreement on Peaceful Nuclear Co-operation concerning Civil Uses of Atomic Energy. Signed November 15, 1977; in force November 15, 1977. **Termination:** July 8, 1980. **Source:** UNTS 17235. CTS 1977/35. TIAS 8782. **Note:** This is terminated by the Protocol of April 23, 1980 to the agreement of June 15, 1955, sequence number 0007. See also the agreements of January 28, 1969, 1976 (sequence number 2262) and of March 18, 1976 (sequence number 2263).

2265. **FRANCE** (Commissariat à l'Energie Atomique) and **INDIA** (Department of Atomic Energy). 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. **FRANCE** (Commissariat à l'Energie Atomique) and **INDIA** (Department of Atomic Energy). 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.

2267. **GERMANY, FEDERAL REPUBLIC OF**, and **RUSSIA** (USSR). Agreement--
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2269. **EUROPEAN UNION** (European Community) (Euratom Safeguards Directorate) and **UNITED STATES** (Department of Energy). Administrative Arrangement, in force January 28, 1997. **Termination:** unknown. **Source:** ESA 1996:38. **Note:** This follows under the agreement of November 7, 1995, sequence number 1297.