Nuclear Law Bulletin

Index Nos. 1 to 107
EXPLANATORY NOTE

This new edition of the Nuclear Law Bulletin Index covers the first 107 issues of the Nuclear Law Bulletin (NLB).

By established practice, the plan of the Index is not a replica of the Bulletin, as it was considered more useful for research purposes to group together all the information concerning legislative and regulatory activities, case law and bilateral agreements and to classify this information by country.

Following classification by country, references to the work of international organisations, multilateral agreements, studies and articles are set out in separate sections. The “Bibliography and News Briefs” section is omitted from the Index. A separate chapter of the Index has been devoted to the listing of the instruments published in the Supplements to the Bulletin, or in the Chapter “Texts” from past Bulletins, up until the present date.

Each item in the Index is followed by a reference to the relevant Bulletin. Legislative and regulatory texts, as well as agreements reproduced in the Bulletins or their Supplements, are also referenced.
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- 1995 Law on Ionising Radiation Protection and Draft Implementing Decrees (NLB 60, p. 73). The text of this Law is reproduced in NLB 60, p. 115.

**Radioactive waste management**
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- 1992 Agreement with Germany on Environmental Protection (NLB 52, p. 80).

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Legislative and regulatory activities

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- 2005 Decree on Food Irradiation (NLB 76, p. 70).

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- 2019 Law No. 19-05 of 17 July 2019 on nuclear activities (NLB 105, p.93).

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• 2013 Presidential Decree establishing a specialised training and support centre for nuclear security (NLB 92, p. 97).

• 2014 Presidential Decree setting out the nuclear security provisions applying to the physical protection of nuclear facilities, nuclear materials and the security of radioactive sources (NLB 94, p. 119).

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• 1996 Decree establishing the Atomic Energy Commission (NLB 61, p. 65).

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- 1977 Decree on the Objectives and Nuclear Policy of Argentina (NLB 21, p. 4; NLB 23, p. 4).
- 1978 Act regarding the contract with Peru on creation of a Peruvian Nuclear Research Centre (NLB 23, p. 4).
- 1979 Decree approving the construction, commissioning and operation of four nuclear power plants (NLB 23, p. 4).
- 2002 Resolution on Penalties for Offences in respect of Class II and III Installations, Non-Routine Practices and the Transport of Radioactive Substances (NLB 70, p. 27).
- 2004 Amendment to the Criminal Code (NLB 79, p. 59).

Liability and compensation

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• 2010 Memorandum of understanding with the Russian Federation to co-operate in the peaceful uses of nuclear energy including the construction of a nuclear power plant and the supply of nuclear fuel, (NLB 85, p. 151).

• 2010 Agreement with the Republic of Korea on civilian nuclear co-operation (NLB 86, p. 93)

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1995 Recommendations and Standards on Radiation Exposures (NLB 57, p. 72).


2015 Bill to amend the Australian Radiation Protection and Nuclear Safety Act 1998 (NLB 96, p. 79).

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1987 Nuclear Non-Proliferation (Safeguards) Act and 1987 Implementing Regulations (NLB 38, pp. 9 and 12; NLB 40, p. 8).

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• 2012 National Radioactive Waste Management Act 2012, No. 29 (NLB 89, p. 113).

Transport of radioactive materials

• 1969 Regulations on the Maritime Transport of Radioactive Materials (NLB 4, p. 4; NLB 6, p. 4).
• 1969 General Post Office Guide on, inter alia, the conditions for transmission by post of nuclear substances (NLB 5, p. 6).
• 1973 Navigation (Cargo Hazards Prevention) Regulations (NLB 18, p. 6).
• 1982 Radiation Safety (Transport of Radioactive Substances) Regulations (Western Australia) (NLB 34, p. 11).
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Legislative and regulatory activities

General legislation, regulations and instruments

- 1978 Act Forbidding the Use of Nuclear Fission for the Purposes of Providing Energy in Austria (NLB 23, p. 8; NLB 26, p. 4).
- 1980 Procedure for Reconsideration of the Use of Nuclear Energy (NLB 26, p. 4; NLB 29, p. 6).
- 1994 Adaptation of Nuclear Legislation due to Entry into European Union (NLB 54 p. 44).
- 1999 Federal Constitutional Act for a Nuclear-Free Austria (NLB 64, p. 48). The text of the Act is reproduced in NLB 64, p. 48.

Liability and compensation


Nuclear installations

- 1969 Act on the Promotion of Electricity-Producing Enterprises (NLB 6, p. 4).

Nuclear safety and radiological protection (including nuclear emergency planning)

- 1969 Act on Radiation Protection (NLB 1, p. 6; NLB 3, p. 4; NLB 4, p. 5). 1972 Ordinance (NLB 8, p. 4; NLB 9, p. 7).
- 1978 Decree relating to the Act on Chest X-ray Examinations (NLB 26, p. 4).
- 1979 Decree on Fluoroscopic Examinations of Patients in Sanatoria (NLB 26, p. 5).

Nuclear trade (including non-proliferation)

- 1990 Order on Export Controls (NLB 51, p. 61).
- 1996 Draft Amendment to the Criminal Code concerning the Illegal Trade of Nuclear Materials (NLB 57, p. 73).
**Organisation and structure**

- 1990 Order establishing a Forum for Nuclear Questions (NLB 51, p. 60).

**Radioactive materials (including physical protection)**

- 1975 Order concerning the Designation of Commodities Subject to Export Licences (NLB 17, p. 4).

**Radioactive waste management**


**Transport of radioactive materials**

- 1979 Act on the Carriage of Dangerous Goods by Road (NLB 24, p. 4).
- 1997 Ordinance on Shipment of Radioactive Waste (NLB 60, p. 75). The text of the Act is reproduced in the *Supplement to NLB 63*.

**Agreements**

- 1970 Agreement with the United States concerning the Leasing of Special Nuclear Material (NLB 6, p. 36).
- 1971 Agreement with the IAEA for the Application of Safeguards (NLB 10, p. 27).
- 1978 Agreement with France relating to the Reprocessing Contract between COGEMA and GKT (NLB 22, p. 36).
- 1982 Agreement with the IAEA concerning the Seibersdorf Laboratories (NLB 29, p. 37).
- 1987 Agreement with Hungary on Questions of Mutual Interest relating to Nuclear Installations (NLB 42, p. 49).
- 1989 Agreement with Poland on Exchange of Information in the Field of Nuclear Safety and Radiation Protection (NLB 51, p. 84).

• 1999 Agreement with Switzerland on the Early Exchange of Information in the Field of Nuclear Safety and Radiation Protection (NLB 67, p. 61; NLB 68, p. 78).


Bahrain

Agreements

• 2008 Memorandum of Understanding with the United States on nuclear energy co-operation to ensure the stability and diversity of Bahrain's energy supplies (NLB 82, p. 199).

Bangladesh

Agreements

• 2009 Memorandum of Understanding with the Russian Federation on co-operation in nuclear energy (NLB 83, p. 141).

Belarus

Legislative and regulatory activities

Environmental protection

• 2009 Environmental Impact Assessment Laws (NLB 84, p. 131).

• 2009 Statute on the Discussion of Questions of the Public in the Field of Atomic Energy (NLB 84, p. 131).
General legislation, regulations and instruments

- 1991 Law on Legal Treatment of Territories Contaminated as a Result of the Chernobyl NPP Catastrophe. 1999 Amendment (NLB 64, p. 49).
- 1997 Draft Law on Uses of Nuclear Energy and Radiation Safety (NLB 60, p. 75).
- 2003 Decree on Licensing of Certain Activities and Resolution of the Council of Ministers on Licensing of Activities in the Field of Industrial Safety (NLB 73, p. 71).
- 2007 Decree on the Construction of a Nuclear Power Plant (NLB 81, p. 103).
- 2008 Act on the Use of Atomic Energy (NLB 82, p. 119; NLB 85, p. 103).
- 2009 Criminal Law on Acts Concerning the Use of Radioactive Sources and Administrative Law for Non-criminal Violations of Radiation Safety Requirements (NLB 85, p. 103).
- 2021 Presidential Decree No. 137 “On Regulation of Activities in the Field of Use of Atomic Energy and Sources of Ionising Radiation” (NLB 107, p. 61).

Licensing and regulatory infrastructure

- 2013 Presidential decision on the construction of the Belarusian nuclear power plant (NLB 93, p. 98).

Nuclear safety and radiological protection (including nuclear emergency planning)

- 1999 Decree on Establishing a Uniform State System of Record-keeping and Control of Personal Exposure Doses (NLB 64, p. 49).
- 1999 Decree Establishing a Uniform State System of Accounting and Control of Radiation Sources (NLB 65, p. 30).
- 2013 Additional national regulations approved since 2011 related to physical protection, quality assurance programmes and general arrangements for technical support organisations (NLB 93, p. 98).

Nuclear security

- 2021 Development of the nuclear security state system for nuclear facilities and Decision No. 385 of 14 June 2019 (NLB 106, p. 33).

Nuclear trade (including non-proliferation)

Organisation and structure

- 2001 Restructuring of Promatomnadzor (NLB 69, p. 65).
- 2008 Statute on the State Supervision in the Field of Nuclear Safety and Radiation Protection (NLB 84, p. 129).
- 2012-2013 Amendments to acts about regulatory infrastructure (NLB 93, p. 97)

Radioactive waste management


Agreements

- 2001 Agreement with Ukraine on Early Notification of a Nuclear Accident and Co-operation in the Field of Radiation Safety (NLB 69, p. 99).
- 2013 Agreements with the Russian Federation regarding co-operation in the field of nuclear safety, early notification of a nuclear accident, radiation safety and nuclear and radiation safety supervision in the peaceful uses of nuclear energy (NLB 93, p. 97).
- 2013 Agreement with the Republic of Armenia on the exchange of information and co-operation in the field of nuclear safety and radiation protection (NLB 93, p. 97).

Belgium

Legislative and regulatory activities

Food irradiation

General legislation, regulations and instruments

- 1978 Act on Economic and Budgetary Reforms (NLB 23, p. 9).
- 2002 The Draft Belgian Act on the Phase-Out of Nuclear Energy (NLB 70, p. 28).

Liability and compensation

- 1966 Ratification of the Paris Convention (NLB 1, p. 8).
- 1970 Bill to Amend the 1966 Act on Third Party Liability (NLB 6, p. 5).
- 1980 Royal Order Fixing the Operator’s Maximum Amount of Liability (NLB 26, p. 5).
- 1987 Ministerial Order on the Register of Nuclear Installations (NLB 39, p. 9).
- 2016 Law modifying the 1985 law on third party liability in the field of nuclear energy (NLB 99, p. 76).

Licensing and regulatory infrastructure

- 2020 Modification of Belgian regulation regarding the licensing of nuclear installations (NLB 105, p. 94).

Nuclear safety and radiological protection (including nuclear emergency planning)

- 1963 Royal Order laying down the General Regulations for the Protection of the Population and of Workers against the Hazards of Ionising Radiation. Successive amendments (NLB 1, p. 7; NLB 7, p. 5; NLB 23, p. 10; NLB 34, p. 12; NLB 36, p. 9; NLB 39, p. 8; NLB 47, p. 40; NLB 50, p. 57; NLB 53, p. 78; NLB 61, p. 66).
• 1969 Act empowering the King to Establish Dues in respect of the Application of Regulations on Radiation Protection (NLB 6, p. 6).

• 1971 Royal Order concerning General Military Regulations governing Protection against the Hazards of Ionising Radiation (NLB 8, p. 5; NLB 9, p. 8). 1975 Amendment (NLB 17, p. 5).

• 1974 Royal Order setting Dues for the Licensing Procedure for Classified Establishments (NLB 14, p. 6).

• 1984 Ministerial Order on Applications for Licences for Unsealed Radioisotopes used in Human or Veterinary Medicine (NLB 34, p. 12).

• 1985 Ministerial Order on Approval of Devices Containing Radioactive Substances (NLB 36, p. 10).

• 1987 Ministerial Order concerning Radioactive Contamination of Agricultural Products (NLB 40, p. 9).


• 2006 Amendment to the Royal Order on Radiation Protection (NLB 78, p. 41).

• 2006 Amendment to the Royal Order Establishing General Regulations for the Protection of the Public Workers and the Environment Against the Dangers of Ionising Radiation (NLB 78, p. 41).

• 2006 Directives on the Use of Walk-through Radioactivity Detectors in the Non-nuclear Sector (NLB 78, p. 42).

• 2006 Directives on the Use of X-rays for Medical Purposes – Dosimetry of Patients (NLB 78, p. 42).

• 2009 Amendments to the law on the protection of the population and the environment against the dangers arising from ionising radiation and concerning the Federal Agency for Nuclear Control (NLB 83, p. 99).

• 2009 Decree regarding the minimum criteria for X-ray apparatus use in veterinary medicine (NLB 84, p. 132).

• 2009 Decree of the Federal Agency for Nuclear Control on the determination of exemption levels (NLB 84, p. 132).

• 2011 Royal Decree prescribing safety measures for nuclear facilities (NLB 89, p. 115).

• 2011 Royal Decree relating to the detection of radioactive substances in certain waste and material flows and relating to the management of sensitive facilities in the field of orphan sources (NLB 89, p. 117).

**Nuclear Security**

• 2011 Act on Security and Protection of Critical Infrastructures (NLB 89, p. 115).
Nuclear trade (including non-proliferation)

- 1989 Royal Order relating to the Transfer of Nuclear Materials and Technology to Non-Nuclear Weapon States (NLB 44, p. 29).

Nuclear-powered ships


Organisation and structure

- 1981 Royal Order setting up a Service for the Technical Safety of Nuclear Installations (NLB 28, p. 8).
- 1981 Royal Order concerning the Service for Protection against Ionising Radiation (NLB 28, p. 9).
- 1991 Order setting up a Commission to Evaluate Information on Nuclear Risks (NLB 49, p. 49).
• 1995 Orders on the Competence of the Minister of the Interior regarding the Technical Safety of Nuclear Installations (NLB 56, p. 75).


• 2002 Royal Decree Setting out the Composition and Powers of the Scientific Board for Ionising Radiation Established Alongside the Federal Agency for Nuclear Control (NLB 71, p. 57).


• 2006 Amendment to the Royal Order on the Scientific Board for Ionising Radiation (NLB 78, p. 41).

Radioactive materials (including physical protection)


• 2000 Royal Order setting out the fees to be paid to ONDRAF to establish and maintain an inventory of all nuclear installations and all sites where radioactive substances are located (NLB 66, p. 34). 2011 Amendment of the Act on classification and security clearances, certifications and security notifications (NLB 87, p. 93).

• 2011 Decree of the Federal Agency for nuclear control (AFCN) regarding patient dosimetry (NLB 89, p. 117).

• 2011 Decree establishing acceptability criteria for X-ray devices designed for diagnostic radiology medicine aims at determining the criteria for annual quality control (NLB 89, p. 117).

• 2011 Decree of the AFCN identifying radon risk areas creates a new framework for monitoring radon exposure (NLB 89, p. 117).

Radioactive waste management

• 2003 Act on Funds for the Dismantling of Nuclear Power Plants and the Management of Irradiated Fissile Materials in such Plants (NLB 73, p. 72).

Transport of radioactive materials

• 1966 Ministerial Order listing the Customs Control Points through which Radioactive Materials may be Imported or Admitted in Transit (NLB 2, p. 6).

• 1977 Regulations on the International Carriage of Dangerous Goods by Road (NLB 20, p. 30).

• 1977 Ministerial Order designating the Customs Offices through which Radioactive Materials may be Imported (NLB 22, p. 5).

• 1982 Orders on the Training Certificate for Drivers of Vehicles Carrying Radioactive Materials (NLB 33, p. 6).
• 2003 Royal Order on the Certificate of Training for Drivers of Vehicles Transporting Radioactive Materials by Road (NLB 71, p. 57).
• 2009 Regulation on the import, transport and export of radioactive substances (NLB 83, p. 99).

Case law

• 1969 Judgment concerning criminal liability arising from accidental irradiation which took place in the Nuclear Research Establishment at Mol (NLB 3, p. 22).
• 1978 Appeal to cancel the licence to extend the Tihange nuclear power plant (NLB 22, p. 26).
• 1982 Judgments on radioactive waste dumping operations at sea (NLB 30, p. 22).
• 2000 Judgment allowing the return of nuclear waste from France (NLB 65, p. 21).
• 2010 Constitutional Court ruling on nuclear taxes (NLB 85, p. 93).
• 2018 Judgment on the legality of an authorisation for the transport of spent fuel (NLB 102, p. 81).
• 2020 Ruling by the Court of First Instance in Brussels regarding Tihange 2 (NLB 105, p. 87).

Administrative decisions

• 1968 Recognition of the Eurochemic company as the operator of a nuclear installation (NLB 3, p. 27).
• 1969 Recognition of the European Atomic Energy Community as a nuclear operator (NLB 4, p. 19).

Agreements

• 1966 Convention with France on Radiological Protection relating to the Installation at the Ardennes Nuclear Power Station (NLB 1, p. 32).
• 1974 Co-operation Agreement with Romania (NLB 20, p. 30).
• 1980 Agreement with the Federal Republic of Germany on Mutual Emergency Assistance (NLB 31, p. 28; NLB 33, p. 33).
• 1981 Agreement with France on Mutual Assistance in the Event of Catastrophes and Serious Accidents (NLB 34, p. 42).
• 1984 Agreement with Egypt for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 37, p. 42). The text of the Agreement is reproduced in NLB 37, p. 52.
• 1985 Agreement with the People’s Republic of China for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 37, p. 41).
• 1987 Agreement with the Netherlands on Co-operation in Nuclear Safety (NLB 42, p. 42).
• 1992 Agreement with Switzerland on Peaceful Nuclear Co-operation (NLB 50, p. 78).
• 2009 Agreements with Romania covering several nuclear-related areas of research including reactor safety, radioactive waste management and fourth generation reactor technologies (NLB 84, p. 193).
• 2010 Memorandum of Understanding with Kazakhstan on exchange of expertise in civil nuclear research (NLB 86, p. 93).
• 2010 Memorandum of Understanding with China on exchange of expertise in civil nuclear research (NLB 86, p. 93).
• 2010 Framework agreement with China on co-operation in MOX fuel fabrication (NLB 86, p. 94).

Bolivia

Legislative and regulatory activities

Nuclear safety and radiological protection (including nuclear emergency planning)
• 1982 Regulations on Ionising and Electromagnetic Radiation and Isotopes (NLB 32, p. 7).
Bosnia and Herzegovina

Legislative and regulatory activities

*General legislation, regulations and instruments*

- 1999 Law on Radiation Protection and Nuclear Safety (NLB 63, p.65; NLB 64, p. 50).

Brazil

Legislative and regulatory activities

*Environmental protection*


*Food irradiation*

- 1973 Decree on Irradiated Foodstuffs (NLB 15, p. 6).

*General legislation, regulations and instruments*

- 1970 Summary of general nuclear legislation (NLB 5, p. 6).
- 1979 Resolution of the CNEN on the Licensing of Nuclear Reactor Operators (NLB 25, p. 6).
- 1998 Resolution concerning the Protection System for the Brazilian Nuclear Power Programme (SIPRON) (NLB 63, p. 66).
- 2006 Decree Implementing the Co-operation Agreement for the Promotion of Nuclear Science and Technology in Latin America and the Caribbean (NLB 78, p. 42).
- 2008 New national defence strategy (NLB 83, p. 100).
- 2020 New Brazilian nuclear regulatory authority (NLB 105, p. 95).

*Liability and compensation*

- 1977 Act on Civil Liability for Nuclear Damage and Criminal Responsibility for Acts relating to Nuclear Activities (NLB 12, p. 6; NLB 21, p. 5).
• 1996 Law on a Special Pension for the Victims of the Accident at Goiânia (NLB 59, p. 45).

**Nuclear installations**

• 1969 Resolution of the CNEN on Selection of Sites for Setting Up Power Stations (NLB 11, p. 5).
• 1983 Resolution of the CNEN concerning Safety Analysis Reports for Uranium Hexafluoride Production Plants (NLB 31, p. 6).
• 1997 and 1999 Resolutions of the CNEN on Protection against Fires in Nuclear Power Plants (NLB 61, p. 68; NLB 65, p. 30).
• 1999 Resolution of the CNEN on Quality Assurance for NPPs (NLB 65, p. 31).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

• 1973 Resolution of the CNEN concerning Basic Radiation Protection Standards (NLB 23, p. 12).
• 1975 Resolution of the CNEN on Radiation Protection Standards for the Uranium and Thorium Production Cycle (NLB 23, p. 13).
• 1975 Resolution of the CNEN on Licensing of the Use of Radioisotopes in Nuclear Medicine (NLB 23, p. 13).
• 1978 Decree concerning Benefits Granted for Work Involving Use of X-rays and Radioactive Substances (NLB 24, p. 6).
• 1980 Resolution of the CNEN concerning the Licensing Procedure for Preparation and Use of Unsealed Radioactive Sources (NLB 28, p. 11).
• 1982 Ordinance concerning Safety at Work in Nuclear Installations (NLB 29, p. 7).
• 1983 Resolution of the CNEN concerning Safety and Radiation Protection Reports for Nuclear Power Plants (NLB 31, p. 6).
• 1985 Resolution of the CNEN on Licensing of Industrial Radiography Equipment (NLB 38, p. 14).
• 1988 Resolutions of the CNEN on Radiation Protection (NLB 43, p. 61; NLB 58, p. 85). Repealed and replaced by the 2004 Resolution of the CNEN on Radiation Protection (NLB 75, p. 113).
• 1988 Decree relating to Radiological Emergency Situations (NLB 43, p. 60).
• 1989 Order on Radiation Protection and Safety Requirements in Nuclear Medicine Services (NLB 43, p. 62).
• 1993 Decree organising the National Civil Defence System (SINDEC) (NLB 52, p. 48).
• 1995 Ministerial Order on Radiation Protection and Nuclear Safety (NLB 57, p. 74).
• 1997 Order relating to the General Regulation of Radiation Emergencies (NLB 60, p. 78).
• 2003 Order Establishing an Emergency Response Committee for Nuclear Emergencies (NLB 73, p. 77).
• 2005 Resolution of the CNEN Regarding Security and Radiation Protection Measures in Industrial Mining Installations (NLB 75, p. 114).
• 2012 Support Centre for Safety and Radiation Protection (Centro de Apoio à Segurança Física Nuclear e Radiológica – CENASF) (NLB 92, p. 98).

Nuclear security

• 2012 Order establishing a new nuclear security organisation (NLB 89, p. 118).

Nuclear trade (including non-proliferation)

• 2005 Decree of the National Defence Policy including the Elimination of Nuclear Weapons (NLB 76, p. 71).

Nuclear-powered ships

• 1991 Resolution on Visits by Nuclear-powered Ships (NLB 49, p. 50).

Organisation and structure

• 1971 Act on the Brazilian Company for Nuclear Technology (NLB 9, p. 9).
• 1971 Resolution of the CNEN on Promotion of the Development of Nuclear Technology (NLB 11, p. 5).
• 1972 Decree Reorganising the Competent Bodies in the Field of Theoretical and Applied Nuclear Research (NLB 11, p. 5).
• 1979 Decree providing for the Transfer of Two Institutes to the Nuclear Energy Commission (NLB 26, p. 6).


• 1988 Decree setting up a High Council for Nuclear Policy (NLB 43, p. 59).

• 1988 Decrees on the Reorganisation of Nuclear Activities (NLB 43, p. 60).

• 1990 Assignment of Competence in the Nuclear Field (NLB 46, p. 51).

• 1995 Organisation of Public Bodies in the Field of Nuclear Energy (NLB 56, p. 76).


• 1997 Decree establishing the National Electrical Energy Agency (NLB 61, p. 67).

• 1999 Reorganisation of the scope of activities of different ministries in the Field of nuclear energy: Provisional Measure and 1999 Decree (NLB 64, p. 53). Repeal of the 1999 Decree by a 1999 Decree on Bodies within the Federal Public Administration (NLB 65, p. 30).

• 2003 Order Establishing an Emergency Response Committee for Nuclear Emergencies (NLB 73, p. 77).

• 2005 Order setting up a Permanent Committee on Nuclear Emergency Response (NLB 75, p. 112).

• 2012 Creation of state-run company Amazonia Azul (AMAZUL), responsible for the Brazilian Navy’s nuclear programme including construction of the country’s first nuclear-powered submarine (NLB 90, p. 115).

• 2021 Establishment of the state-owned Brazilian company, Nuclear Participation and Binational Energy Holding Company (ENBpar) (NLB 107, p. 63).

**Radioactive materials (including physical protection)**

• 1979 Resolution of the CNEN on Nuclear Fuel Reprocessing Plant Projects (NLB 25, p. 6).


• 1982 and 1999 Resolutions of the CNEN concerning the Control of Nuclear Materials, Certain Specified Equipment and Materials (NLB 30, p. 7; NLB 65, p. 31).


• 1989 Order on the Licensing of Mines and Plants for Uranium and Thorium Ore Reprocessing (NLB 44, p. 31).
• 1989 Order relating to Meteorological Programmes in Support of Nuclear Power Plants (NLB 44, p. 32).
• 1997 Resolution of the CNEN on Possession of Radioactive Sources by Natural Persons (NLB 61, p. 68).
• 1998 Law on the Levy of a Tax in respect of the Licensing and Control of Radioactive Materials and Nuclear Installations (NLB 63, p. 65).
• 2006 Amendment of the Federal Constitution (NLB 77, p. 50).

**Radioactive waste management**

• 1985 Resolution on Radioactive Waste Management (NLB 38, p. 15).
• 2001 Law on Radioactive Waste Repositories (NLB 46, p. 52; NLB 69, p. 67).
• 2002 Resolution of the CNEN on Radioactive Waste Repositories (NLB 71, p. 58).

**Transport of radioactive materials**

• 1977 Resolution of the CNEN approving the IAEA Regulations for the Safe Transport of Radioactive Materials (NLB 23, p. 14).
• 1988 Resolution of the CNEN on the Transport of Radioactive Materials (NLB 43, p. 64).
• 1995 Ministerial Decree concerning Transport by Inland Waters (NLB 57, p. 75).

**Case law**

• 1984 Case on Unconstitutionality of an Amendment to the Constitution of the Rio Grande do Sul State (NLB 38, p. 40).
• 2009 Federal Court ruling on partial licence for works at Angra III (NLB 85, p. 93).

**Agreements**

• 1972 Agreement with the Federal Republic of Germany concerning the Entry of Nuclear-powered Ships into Brazilian Territorial Waters and Ports (NLB 10, p. 29; NLB 14, p. 41).
• 1975 Agreement with the Federal Republic of Germany on Co-operation in the Field of Peaceful Uses of Nuclear Energy (NLB 16, p. 38). The text of the Agreement is reproduced in NLB 16, p. 43.

• 1979 Memorandum of Understanding with Venezuela, on Scientific and Technical Co-operation in the Nuclear Field (NLB 25, p. 41).


• 1981 Agreement with Colombia on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 38, p. 53).

• 1981 Co-operation Agreement with Iraq on the Peaceful Uses of Nuclear Energy (NLB 29, p. 36).

• 1984 Memorandum of Understanding with the People’s Republic of China on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 37, p. 43).


• 1996 Memorandum of Agreement with India on Co-operation in the Field of Nuclear Energy (NLB 57, p. 86).

• 1996 Agreement with Canada for Co-operation concerning the Peaceful Uses of Nuclear Energy (NLB 62, p. 80).

• 1997 Agreement with the United States for Co-operation concerning the Peaceful Uses of Nuclear Energy (NLB 64, p. 67).

• 2001 Joint Declaration regarding the Creation of the Argentinean-Brazilian Agency for Nuclear Energy Applications (NLB 68, p. 77).

• 2003 Agreement with the United States Concerning Co-operation in Nuclear Energy (NLB 73, p. 105).
• 2009 Agreement with France on co-operation in the development of nuclear propulsion systems for military submarines (NLB 83, p. 141).

Bulgaria

Legislative and regulatory activities

General legislation, regulations and instruments
• 1993 Review of nuclear legislation (NLB 52, p. 49).
• 2002 Act on the Safe Use of Nuclear Energy (NLB 70, p. 36; NLB 71, p. 58). The text of the Act is reproduced in the Supplement to NLB 71. 2010 Amendments to the Act (NLB 86, p. 75; NLB 88, p. 75).

Liability and compensation
• 1994 Accession to the Vienna Convention and the Joint Protocol (NLB 54, p. 45).

Nuclear safety and radiological protection (including nuclear emergency planning)
• 1999 Regulation on Planning and Preparedness for Action in the Case of a Radiation Accident (NLB 64, p. 53).
• 2000 Basic Standards for Radiation Protection (NLB 67, p. 29).

Organisation and structure
• 1993 Regulation on the National Centre of Biology and Radiation Protection (NLB 55, p. 27).

Case law
• 2003 Ruling of the Supreme Administrative Court on the Decision to shut units 3 and 4 of Kozloduy NPP (NLB 71, p. 41).

Agreements
• 1993 Agreement with Germany on Nuclear Safety and Radiation Protection (NLB 52, p. 77; NLB 54, p. 65).
• 1995 Agreements with the Russian Federation on Co-operation in the Field of Nuclear Energy (NLB 56, p. 98).
• 1996 Agreement with the United States for Co-operation in the Field of Peaceful Uses of Nuclear Energy (NLB 57, p. 87).

• 1996 Agreement with the Russian Federation for Co-operation in the Field of Nuclear Safety (NLB 59, p. 67).

• 1997 Agreement with Romania on Early Notification of a Nuclear Accident (NLB 60, p. 105).

• 1997 Agreement with Türkiye on Early Notification of a Nuclear Accident (NLB 60, p. 105).

• 1998 Agreement with Ukraine for Co-operation in the Field of the State Regulation and Safety Control in the Use of Atomic Energy for Peaceful Purposes (NLB 62, p. 81).

• 1999 Agreement with the Slovak Republic for Co-operation on the State Control of Safety in the Use of Atomic Energy (NLB 65, p. 59).

• 2000 Co-operation Agreement with Argentina in the Field of Peaceful Use of Nuclear Energy (NLB 66, p. 59).

• 2002 Agreement with Russian Federation and Ukraine on Nuclear Transport (NLB 72, p. 69).

• 2003 Agreement with Ukraine on Co-operation in the Field of State Regulation and Control of Safety during the Use of Nuclear Energy (NLB 71, p. 85).

Cameroon

Legislative and regulatory activities

Nuclear safety and radiological protection (including nuclear emergency planning)

• 1995 Act on Radiation Protection (NLB 53, p. 79; NLB 56, p. 76).

Organisation and structure

• 2002 Decree on the National Radiation Protection Agency (NLB 74, p. 40).
Canada

Legislative and regulatory activities

Environmental protection

- 1975 Dumping Control Act (NLB 20, p. 6).
- 2012 Canadian Environmental Assessment Act (NLB 90, p.116).

General legislation, regulations and instruments

- 1974 Atomic Energy Control Regulations replacing 1960 Regulations (NLB 14, p. 6). The texts of the Regulations and Orders made thereunder are reproduced in the Supplement to NLB 14. Successive Amendments (NLB 21, p. 9; NLB 26, p. 7; NLB 29, p. 8; NLB 30, p. 8; NLB 32, p. 9; NLB 33, p. 8; NLB 37, p. 12; NLB 44, p. 33; NLB 49, p. 51).
- 1980 Information Bill (NLB 26, p. 6).
- 2019 Impact Assessment Act – Comprehensive changes to the federal environmental assessment process (NLB 103, p. 51).

Liability and compensation

- 1970 Act on Nuclear Third Party Liability (NLB 5, p. 7; NLB 6, p. 6; NLB 18, p. 7). The text of the Act is reproduced in the Supplement to NLB 5. 1985 Amendment (NLB 44, p. 34).
- 2013 Intention by the Canadian government to introduce a legislative proposal to replace the Nuclear Liability Act (NLB 92, p. 99).

Nuclear installations

- 1970 Order on Particle Accelerators (NLB 8, p. 5).
Nuclear safety and radiological protection (including nuclear emergency planning)


Nuclear security

- 2001 Order aiming to increase security at major nuclear installations (NLB 68, p. 53).
- 2001 Anti-Terrorism Act (NLB 69, p. 68).
- 2013 Nuclear Terrorism Act (NLB 92, p. 98).

Nuclear trade (including non-proliferation)


Organisation and structure

- 1977 Nuclear Control and Administration Act (NLB 21, p. 7). The text of the Act is reproduced in the Supplement to NLB 21.

Radioactive materials (including physical protection)

- 1978 Amendment of the Regulations on Ionisation Smoke Detectors (NLB 23, p. 15).
- 1988 Uranium and Thorium Mining Regulations (NLB 44, p. 33).
- 2006 Regulations Amending the Nuclear Security Regulations (NLB 78, p. 43).

Radioactive waste management


Transport of radioactive materials

- 1969 Regulations for Transportation by Rail (NLB 5, p. 9).

Case law

• 1972 Court decision on the constitutional validity of the Atomic Energy Control Act (NLB 12, p. 14).

• 1984 Judgment of the Federal Court upholding two decisions concerning the licensing by AECB of a nuclear generating station (NLB 37, p. 31).

• 1987 Cases relating to discovery of low level radioactive waste in a housing subdivision (NLB 41, p. 32).

• 1991 Case concerning constitutional power over labour relations in the nuclear industry (NLB 47, p. 28).

• 1994 Legal challenge to the Canadian Nuclear Liability Act (NLB 54, p. 23).


• 2002 Federal Court ruling quashing uranium mill and tailings licence (NLB 70, p. 23).

• 2004 Federal Court of Appeal Decision Respecting the McClean Lake Project (NLB 76, p. 64).

• 2008 Brunswick News Inc. v Her Majesty the Queen in the Right of the Province of New Brunswick denying release of nuclear power feasibility study (NLB 82, p. 111).

• 2009 Keen v Attorney General of Canada (NLB 83, p. 87).

• 2009 R. v Bruce Power Inc. (NLB 84, p. 115).

• 2009 Federal Court decision respecting intellectual property and trade-mark infringement action: Atomic Energy of Canada Ltd. v Areva NP Canada Ltd (NLB 85, p. 94).

• 2010 Criminal Court decision respecting attempted export of nuclear-related dual use items to Iran: Her Majesty the Queen v Yadegari (NLB 86, p. 67).

• 2011 Appeal against decision upholding criminal convictions related to attempt to export nuclear-related dual-use items to Iran: Her Majesty the Queen v Yadegari (NLB 88, p. 66).

• 2012 Appellate decision upholding nuclear regulatory licensing process and practices for consultation with aboriginal groups: Fond du Lac Denesuline First Nation v. Canada (Attorney General) (NLB 89, p. 107).
• 2013 Judicial review of Ontario Power Generation’s Darlington new nuclear power plant project licence to prepare site (NLB 88, p. 65; NLB 91, p. 105).

• 2014 Judgment of the Federal Court of Canada sending back to a joint review panel for reconsideration the environmental assessment of a proposed new nuclear power plant in Ontario (NLB 94, p. 113).

• 2015 Decision of the Canadian Federal Court of Appeal overturning a decision to send back for reconsideration an environmental assessment of a proposed new nuclear power plant in Ontario (NLB 96, p. 63).

• 2016 Decision of the Canadian Federal Court of Appeal dismissing an appeal related to an environmental assessment of a project to refurbish and extend the life of an Ontario nuclear power plant (NLB 97, p. 71).


Administrative decisions


Agreements


• 1982 Agreement between Atomic Energy of Canada Ltd. (AECL) and the US Department of Energy (DOE) in the Field of Radioactive Waste Management (NLB 30, p. 39).

• 1985 Agreement with Türkiye for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 37, p. 44).

• 1986 Memorandum of Understanding with Euratom on Co-operation in the Field of Fusion (NLB 37, p. 43).

• 1987 Agreement with Switzerland for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 44, p. 58). The text of the Agreement is reproduced in NLB 44, p. 69.
• 1988 Agreement with Hungary on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 42, p. 50). The text of the Agreement is reproduced in NLB 42, p. 60.
• 1989 Administrative Arrangement (NLB 44, p. 58).
• 1990 Administrative Arrangement with France for the Exchange of Technical Information and Co-operation in the Regulation of Nuclear Safety (NLB 46, p. 84).
• 1994 Agreement with the People’s Republic of China on Peaceful Nuclear Co-operation (NLB 55, p. 52).
• 1995 Agreement with the Czech Republic on Peaceful Nuclear Co-operation (NLB 55, p. 52).
• 1995 Co-operation Agreement with Slovenia in the Field of Peaceful Uses of Nuclear Energy (NLB 57, p. 87).
• 1996 Agreement with Brazil for Co-operation concerning the Peaceful Uses of Nuclear Energy (NLB 62, p. 80).
• 2009 Agreement with Jordan by virtue of which Canada will help Jordan construct a nuclear power plant to generate electricity and desalinate seawater (NLB 83, p. 141).
• 2009 Agreement with Kazakhstan on co-operation in the peaceful uses of nuclear energy (NLB 84, p. 193).
• 2009 Memorandum of understanding with Libya for cooperation in the peaceful use of nuclear energy (NLB 84, p. 193).
• 2009 Agreement with Argentina on a co-operation program including the development of the advanced CANDU reactor (ACR-1000) (NLB 84, p. 193).
• 2010 Agreement with India on civilian nuclear co-operation (NLB 85, p. 151).
• 2010 Agreement with India to promote and develop co-operation in civilian nuclear energy (NLB 86, p. 93).
• 2010 Memorandum of co-operation with the US Nuclear Regulatory Commission for the import and export of certain radioactive sources (NLB 86, p. 94).
Chile

Legislative and regulatory activities

General legislation, regulations and instruments


Nuclear safety and radiological protection (including nuclear emergency planning)


Agreements

- 1970 Agreement with the Federal Republic of Germany concerning Scientific Research and Technological Development (NLB 8, p. 34).
- 1976 Agreement with Argentina on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 32, p. 28).
- 2010 Agreement with Argentina on Energy Co-operation Which Includes Nuclear Power Generation (NLB 86, p. 93).

China (People’s Republic of)

Legislative and regulatory activities

General legislation, regulations and instruments


Liability and compensation

- 2007 Official Reply of the State Council to Questions on the Liabilities of Compensation for Damages Resulting from Nuclear Accidents (NLB 80, p. 78).

Nuclear safety and radiological protection (including nuclear emergency planning)

- 1986 Regulations on Safety Supervision and Control of Civilian Nuclear Installations (NLB 39, p. 9).
- 2003 Law on Protection from Radiation Contamination (NLB 72, p. 49).
• 2007 Regulations on the Management and Monitoring of Nuclear Safety Equipment for Civilian Use (NLB 80, p. 77).

**Nuclear trade (including non-proliferation)**

• 1997 Regulation for the Control of Nuclear Exports (NLB 60, p. 80).

• 1998 Regulations on the Export Control of Nuclear Dual-Use Items and Related Technologies (NLB 65, p. 33).

**Organisation and structure**

• 1999 Restructuring of the China National Nuclear Corporation (NLB 65, p. 32).

**Agreements**

• 1983 Protocol with the United States in the Fields of Nuclear Physics and Magnetic Fusion Research (NLB 33, p. 36).

• 1984 Agreement with the Federal Republic of Germany on Co-operation in the Field of Peaceful Uses of Nuclear Energy (NLB 34, p. 43).

• 1984 Memorandum of Understanding with Brazil on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 37, p. 43).


• 1985 Agreement with Japan on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 36, p. 41).

• 1985 Agreement with Belgium for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 37, p. 41).

• 1985 Agreement with the United Kingdom for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 37, p. 44).

• 1985 Agreement with Argentina for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 38, p. 51).

• 1986 Agreement with Switzerland for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 39, p. 37).

• 1992 Arrangement with Germany on Co-operation in the Field of Nuclear Safety and Radiation Protection (NLB 51, p. 85; NLB 52, p. 77).

• 1994 Agreement with Canada on Peaceful Nuclear Co-operation (NLB 55, p. 52).

• 1994 Co-operative Agreement with the Republic of Korea concerning Peaceful Uses of Nuclear Energy (NLB 57, p. 88).

• 1997 Agreement of Intent with the United States concerning Peaceful Uses of Nuclear Technology (NLB 61, p. 98). 1998 Agreement on the same subject (NLB 62, p. 82; NLB 64, p. 68).


• 2008 Accord with Algeria on the Development of Peaceful Nuclear Power (NLB 82, p. 199).

• 2008 Memorandum of Understanding with Jordan on co-operation in the peaceful use of nuclear energy, particularly covering mining, uranium enrichment, training and research, the construction of a research reactor and consultations on nuclear power plant construction (NLB 82, p. 199).

• 2008 Agreement with the Russian Federation on technical assistance for the construction of phase four of the gaseous uranium enrichment plant in China and supplies of Russian enriched uranium to China (NLB 82, p. 200).

• 2008 Agreement with Jordan for the purchase of a sub-critical assembly (NLB 82, p. 200).

• 2008 Accord with Algeria on training, research and human resources (NLB 82, p. 200).

• 2009 Agreement with Kazakhstan to increase co-operation in uranium mining and long-term nuclear cooperation projects (NLB 83, p. 141).

• 2010 Memorandum of Understanding with Belgium on exchange of expertise in civil nuclear research (NLB 86, p. 93).

• 2010 Framework agreement with Belgium on co-operation in MOX fuel fabrication (NLB 86, p. 94).

• 2010 Agreement with the International Atomic Energy Agency (IAEA) on practical co-operation on nuclear security (NLB 86, p. 94).

**Colombia**

**Agreements**

• 1981 Agreement with Brazil on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 38, p. 53).
**Côte d’Ivoire**

**Legislative and regulatory activities**

**Organisation and structure**
- 1988 Order establishing an Interministerial Committee for Regulations on Radioactivity and Radiation Protection (NLB 45, p. 39).

**Croatia**

**Legislative and regulatory activities**

**General legislation, regulations and instruments**
- 2003 Act on Nuclear Safety (NLB 73, p. 79). The text of the Act is reproduced in the **Supplement to NLB 73**.

**Liability and compensation**
- 1998 Act on Liability for Nuclear Damage (NLB 63, p. 66). The text of the Act is reproduced in the **Supplement to NLB 63**.

**Nuclear safety and radiological protection (including nuclear emergency planning)**
- 1999 Act on Protection against Ionising Radiation (NLB 65, p. 34). The text of the Act is reproduced in the **Supplement to NLB 65**.

**Agreements**
- 2008 Agreement with the United States on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 82, p. 199).
(Former) Czech and Slovak Federal Republic

Legislative and regulatory activities

General legislation, regulations and instruments


Liability and compensation


Nuclear safety and radiological protection (including nuclear emergency planning)

- 1990 Regulation on Protection against Electromagnetic Radiation (NLB 47, p. 41).
- 1991 Regulation on Protection against Exposure to Radon and other Natural Radionuclides (NLB 47, p. 41).

Nuclear trade (including non-proliferation)


Organisation and structure


Radioactive materials (including physical protection)


Radioactive waste management


Agreements

- 1990 Agreement with Germany in the Field of Nuclear Safety and Radiation Protection (NLB 46, p. 85).
- 1990 Agreement with Germany on Scientific and Technical Co-operation (NLB 47, p. 70).
Czech Republic

Legislative and regulatory activities

**General legislation, regulations and instruments**


- 2011 Resolution of the government of the Czech Republic on the time schedule of preparatory works for enlarging the nuclear power plant Temelin (NLB 87, p. 94).

- 2011 Amendments to the Act on Peaceful Use of Nuclear Energy of 1997 (introduction of administrative fees in the licensing process) (NLB 88, p. 76).

- 2011 Amendments to the Act on Peaceful Use of Nuclear Energy of 1997 (financial support of municipalities affected by the licensing of a deep geological radioactive waste repository) (NLB 88, p. 77).

**Nuclear installations**

- 2002 Decree Concerning Financial Reserves for the Decommissioning of Nuclear Installations or Category III or IV Workplaces (NLB 71, p. 64).

**Nuclear safety and radiological protection (including nuclear emergency planning)**


- 2002 Decree on Radiation Protection (NLB 71, p. 63).


- 2002 Decree on Personal Radiation Passports (NLB 71, p. 64).

- 2002 Decree on Emergency Preparedness of Nuclear Facilities and Workplaces with Ionising Radiation Sources (NLB 71, p. 64).

**Nuclear trade (including non-proliferation)**

- 2002 Decree on Accounting and Control of Nuclear Materials (NLB 71, p. 65).

- 2002 Decree Laying down a List of Selected Items and Dual-use Items in the Nuclear Sector (NLB 71, p. 65).

**Organisation and structure**

Radioactive waste management

- 2002 Order on Payments to the Nuclear Account by Generators of Radioactive Waste (NLB 71, p. 64).

Transport of radioactive materials

- 2002 Decree on Packaging and Transport of Nuclear Materials, Radioactive Substances and Ionising Radiation Sources (NLB 71, p. 65).

Case Law

- 2010 Supreme Administrative Court on the legal status of CEZ (NLB 86, p. 70).

Agreements

- 1995 Agreement with Canada on Peaceful Uses of Nuclear Energy (NLB 55, p. 52).
- 1997 Agreement with Ukraine on Co-operation in the Field of Nuclear Energy (NLB 60, p. 105).
- 1999 Agreement with Germany for the Exchange of Information in the Nuclear Energy Field (NLB 64, p. 69).
- 2001 Agreement with Australia on Co-operation in Peaceful Uses of Nuclear Energy and the Transfer of Nuclear Material (NLB 68, p. 78).
- 2001 Agreement with the Republic of Korea for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 68, p. 80).
- 2002 Agreement with the Slovak Republic on Early Notification of Nuclear Accidents and Information Exchange on Nuclear Facilities (NLB 71, p. 85).
- 2010 Joint declaration with the United States on Industrial and Commercial Co-operation on Civil Nuclear Energy (NLB 86, p. 93).
Democratic People’s Republic of Korea

Agreements


Democratic Republic of the Congo

Legislative and regulatory activities

General legislation, regulations and instruments

- 1975 Draft Regulation to set up a National Commission for Protection against Radiation and Draft Regulation on the Control of the Use of X-rays (NLB 15, p. 23).
- 2002 Act on Protection against the Dangers of Ionising Radiation and on the Physical Protection of Nuclear Materials and Installations (NLB 73, p. 78).

Denmark

Legislative and regulatory activities

General legislation, regulations and instruments


Liability and compensation

- Bill on Nuclear Installations (NLB 2, p. 6; NLB 3, p. 4; NLB 4, p. 6; NLB 5, p. 9; NLB 6, p. 6). The text of the Bill is reproduced in the Supplement to NLB 6.
- 1974 Ratification of the Brussels Convention relating to Civil Liability in the Field of Maritime Carriage of Nuclear Material (NLB 14, p. 43).
Nuclear installations

- 1967 Act on Patents (NLB 3, pp. 4 and 13).
- 1976 Act on Safety and Environmental Protection Measures relating to Nuclear Installations (NLB 18, p. 8).

Nuclear safety and radiological protection (including nuclear emergency planning)

- 1972 Summary of the Legislation on Radiation Protection (NLB 9, p. 9).
- 1972 Decrees concerning the Protection of Workers against Radiation (NLB 11, p. 7).
- 1975 Order on the Safe Use of Radioactive Substances (NLB 17, p. 6).
- 1985 Order on the Use of Unsealed Radioactive Sources in Hospitals, Laboratories, etc. (NLB 39, p. 12).
- 1990 Order on Medical Surveillance of Work with Ionising Radiation (NLB 45, p. 43).
- 1990 Order on Smoke Detectors (NLB 47, p. 43).
- 1990 Order on Dose Monitoring of Workers Exposed to Ionising Radiation (NLB 47, p. 43).
- 1995 Orders of the National Board of Health amending previous Orders on the Medical Application of Ionising Radiation (NLB 57, p. 75).
- 1997 Order on Dose Limits for Ionising Radiation (NLB 61, p. 72).

Organisation and structure

Radioactive materials (including physical protection)

- 1967 Act on Patents (NLB 3, pp. 4 and 13).
- 1972 Order concerning the Control of the Peaceful Uses of Nuclear Materials (NLB 10, p. 7).
- 1978 Regulations on Radioactive Medical Products (NLB 25, p. 9).
- 1981 Order on Exemptions from the 1953 Act on Radioactive Substances (NLB 30, p. 9).

Transport of radioactive materials


Agreements

- 1972 Agreement with the IAEA on Preventing Nuclear Materials from being Diverted from their Use for Peaceful Purposes (NLB 10, p. 27).
- 1976 Guidelines for Nordic Co-operation in the Border Areas between Denmark, Finland, Norway and Sweden (NLB 19, p. 33). The text of these Guidelines is reproduced in NLB 19, p. 38.
- 1977 Agreement with the Federal Republic of Germany on the Construction of Nuclear Installations along the Border (NLB 22, p. 34).
- 1987 Agreement with Finland on Exchange of Information and Early Notification (NLB 39, p. 35).
- 1987 Bilateral Agreements with the Federal Republic of Germany, Poland, the United Kingdom, the USSR on Exchange of Information and Notification in the Context of Nuclear Facilities (NLB 41, p. 43). The text of the Agreement with Poland is reproduced in NLB 41, p. 49.
Egypt

Legislative and regulatory activities

General legislation, regulations and instruments

- 2010 Law on activities in the nuclear and radiation field (NLB 85, p. 103).

Radioactive materials (including physical protection)

- 2000 Decision establishing the List of Hazardous Nuclides Emitting Ionising Radiation (NLB 69, p. 70).

Radioactive waste management


Agreements

- 1984 Agreement with Switzerland on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 35, p. 54).
- 1984 Agreement with Belgium for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 37, p. 42). The text of the Agreement is reproduced in NLB 37, p. 52.
- 2008 Agreement with the Russian Federation for co-operation allowing Russia to participate in a tender to build Egypt’s first nuclear power plant (NLB 82, p. 200).
- 2009 Agreement with the Russian Federation on co-operation in uranium prospecting and mining in Egypt (NLB 84, p. 193).

Estonia

Legislative and regulatory activities

General legislation, regulations and instruments

Nuclear safety and radiological protection (including nuclear emergency planning)


- 1999 Decree establishing a National Dose Register of Radiation Workers and the Procedure for Certifying Radiation Workers and for Issuing Certificates (NLB 65, p. 36).

- 2009 Amendment to the Radiation Protection Act (NLB 84, p. 133).

Nuclear trade (including non-proliferation)


Organisation and structure

- 2009 New Radiation Safety Department (NLB 84, p. 133).

Radioactive waste management


Transport of radioactive materials

- 1998 Decree on the Safe Transport of Radioactive Materials (NLB 64, p. 54).

Agreements

- 1999 Agreement with Finland on Early Notification of a Nuclear Accident or Radiological Emergency and on Exchange of Information and Experience in the Field of Nuclear Safety and Radiation Protection (NLB 67, p. 62).

- 2003 Agreement with Latvia on Co-operation in Radiation Safety (NLB 72, p. 69).

Ethiopia

Legislative and regulatory activities

Organisation and structure

- 1993 Radiation Protection Proclamation: Establishment of an Authority for the Control and Supervision of Radiation Sources (NLB 55, p. 28).
Finland

Legislative and regulatory activities

Environmental protection


General legislation, regulations and instruments


- 1983 Provisional Act concerning taxation of nuclear electricity-generating companies (NLB 31, p. 8).


- 2021 Renewal of nuclear energy legislation underway (NLB 106, p. 35).

Liability and compensation

- 1972 Nuclear Liability Act (NLB 7, p. 6; NLB 8, p. 6; NLB 9, p. 17; NLB 10, p. 8; NLB 19, p. 5). The text of the 1971 Draft Law is reproduced in the Supplement to NLB 8. The text of the Act is reproduced in the Supplement to NLB 19. 1989 and 1994 Amendments (NLB 44, p. 35; NLB 45, p. 45; NLB 53, p. 80; NLB 55, p. 29). The text of the Act as amended is reproduced in the Supplement to NLB 44. 1978 Council of State Decision concerning the exclusion of certain substances from the Act (NLB 22, p. 8).

- 1972 Accession to the Paris Convention (NLB 10, p. 7).

- 1974 Accession to the Brussels Supplementary Convention (NLB 15, p. 30; NLB 19, p. 33).


- 1998 Decree on Liability Amounts (NLB 63, p. 69).

- 2005 Nuclear Liability Bill (NLB 76, p. 72).
Nuclear installations

- 1979 Electricity Act (NLB 23, p. 15).

Nuclear safety and radiological protection (including nuclear emergency planning)

- 1978 Decree on Inspection of Radiation-Emitting Equipment and Facilities and Radioactive Substances (NLB 24, p. 6).
- 1985 Decree on Control of Laser Equipment (NLB 38, p. 16).
- 1991 Radiation Act (NLB 47, p. 44).
- 2005 Amendments to the Radiation Act and Radiation Decree (NLB 79, p. 60).

Nuclear trade (including non-proliferation)

- 1988 Nuclear Energy Decree to Take Account of Export Controls. 1993 Amendment (NLB 52, p. 51).

Organisation and structure

- 1973 Decree on Atomic Energy (NLB 14, p. 8).

Radioactive materials (including physical protection)

- 1988 Ordinance on the Authority to Issue Licences (NLB 45, p. 45).

Radioactive waste management


Transport of radioactive materials

- 1979 Entry into Force of the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR) (NLB 24, p. 7).
- 2011 Temporary Amendment to the Nuclear Liability Act (NLB 87, p. 97).
Case law

- 2000/2001 Decisions of the Turku Administrative Court and the Supreme Administrative Court concerning the construction of a permanent repository for spent nuclear fuel (NLB 66, p. 31; NLB 67, p. 28).
- 2001 Judgment of the Supreme Administrative Court rejecting an application to prevent construction of a new NPP (NLB 69, p. 57).

Administrative decisions

- 2001 Decision of the Council of State concerning the construction of a permanent repository for spent nuclear fuel (NLB 67, p. 28).
- 2002 Parliamentary decision on construction of a new nuclear power plant (NLB 70, p. 24).

Agreements

- 1968 Co-operation Agreement with the United Kingdom on the Peaceful Uses of Nuclear Energy (NLB 7, p. 36).
- 1968 Co-operation Agreement with Sweden on the Peaceful Uses of Nuclear Energy (NLB 7, p. 36; NLB 16, p. 41).
- 1978 Agreement with Australia concerning the Transfer of Nuclear Material (NLB 22, p. 37; NLB 25, p. 38). The text of the Agreement is reproduced in NLB 22, p. 45.
- 1987 Bilateral Agreements with Denmark, Norway, Sweden and the USSR on Exchange of Information and Early Notification (NLB 39, p. 35). The text of the Agreement with the USSR is reproduced in NLB 39, p. 54.
• 1992 Agreement with Germany on Early Notification and Information Exchange (NLB 52, p. 78).

• 1999 Agreement with Estonia on Early Notification of a Nuclear Accident or Radiological Emergency and on Exchange of Information and Experience in the Field of Nuclear Safety and Radiation Protection (NLB 67, p. 62).

**France**

**Legislative and regulatory activities**

**Environmental protection**


• 1977 Decree on Information to be Supplied in relation to Harmful Wastes (NLB 20, p. 8).

• 1978 Implementation of the Paris and Barcelona Conventions on Marine Pollution (NLB 22, p. 9).


• 1982 Decree publishing Amendments to Annexes I and II of the 1972 London Convention (NLB 30, p. 10).


• 1998 Order on the Testing and Consumption of Water, and on Releases of all Types from Installations Classified for Purposes of Environmental Protection which are Subject to Licensing (NLB 62, p. 63).
• 2014 Decree on the greenhouse gas emission quota exchange system (2013-2020) and extension of this system to equipment and facilities in certain basic nuclear installations (NLB 93, p. 102).

**Food irradiation**

• 1972 Order on the trade of irradiated potatoes (NLB 11, p. 13).
• 1974 Order on the official methods for the measurement of gamma and beta radioactivity of plants (NLB 14, p. 10).
• 1975 Order on trade in compound irradiated foodstuffs (NLB 17, p. 9).
• 1984 Order on trade in garlic, onions, shallots treated by ionizing radiation (NLB 34, p. 17).
• 1985 Order on treatment by ionizing radiation of gum-arabic, dehydrated vegetables and cereal flakes and seeds (NLB 36, p. 13).
• 1986 Order on the Treatment by Ionising Radiation of Material and Articles in Contact with Foods and Beverages (NLB 38, p. 20).
• 1988 Order on the Treatment by Ionising Radiation of Dried Vegetables and Dried Fruit (NLB 41, p. 13).
• 1988 Orders on the Treatment of Rice Flours and Strawberries by Ionising Radiation (NLB 43, p. 67).
• 1990 Order on Treatment of Poultry by Ionising Radiation (NLB 46, p. 62).
• 1991 Orders on Treatment of Casein and Dried Fruits by Ionising Radiation (NLB 48, p. 43).
• 1993 Order on Treatment of Camembert by Ionising Radiation (NLB 52, p. 53).
• 2001 Decree on Treatment by Ionising Radiation of Foodstuffs (NLB 69, p. 75). 2002 Implementing Order on the Authorisation for and Control and Verification of Installations for the Treatment of Foodstuffs by Ionising Radiation (NLB 70, p. 44).

**General legislation, regulations and instruments**

• 1973 Order concerning the Enrichment of the Nuclear Vocabulary (NLB 11, p. 9).
• 2006 Law on Nuclear Transparency and Safety (NLB 77, p. 50).
• 2007 Decree on Technical Enquiries in the Event of Incidents or Accidents Relating to Nuclear Activities (NLB 80, p. 71).
• 2010 Law on the new organisation of the electricity market (NLB 86, p. 75).
• 2011 Changes to the Code of Energy regarding International Organisations (NLB 88, p. 77).
• 2012 Ministerial Order establishing general rules for basic nuclear installations (NLB 89, p. 119).
• 2012 New report by the Court of Auditors (Cour des Comptes) on the costs of nuclear energy (NLB 89, p. 119).
• 2014 Update to report by the Court of Auditors (Cour des Comptes) on the cost of nuclear energy production (NLB 94, p. 122).
• 2015 Law on the energy transition for green growth (NLB 96, p. 80).
• 2015 Resolution establishing a classification for basic nuclear installations according to the risks and disadvantages they present (NLB 97, p. 81).

**International co-operation**


**Liability and compensation**

• 1968 Act on Nuclear Third Party Liability (NLB 1, p. 12; NLB 2, p. 14). The text of the Act is reproduced in *NLB 2*, p. 52. 1990 Amendment (NLB 46, p. 55; NLB 47, p. 45). The text of the Act is reproduced in *Supplement to NLB 46*.
• 1969 Order publishing the Paris Convention (NLB 3, p. 5).
• 1973 Decree concerning the Insurance and Reinsurance of Exceptional and Nuclear Risks by the Central Reinsurance Fund (NLB 11, p. 12).
• 1973 Ratification of the Brussels Convention relating to Civil Liability in the Field of Maritime Carriage of Nuclear Material (NLB 11, p. 38).
• 1979 Decree concerning Two Decisions on Exclusion by the NEA Steering Committee (NLB 24, p. 9).
• 2006 Act Authorising Approval of International Agreements on Third Party Liability in the Field of Nuclear Energy (NLB 77, p. 54).
• 2010 Law on the recognition and indemnification of victims of nuclear tests conducted by France (NLB 85, p. 104).
• 2012 Increase in the amount of operator liability in case of nuclear incident (NLB 89, p. 118).
• 2014 Act authorising the approval of the Joint Protocol relating to the Application of the Vienna Convention and Paris Convention (NLB 93, p. 102).
• 2014 Approval of the Joint Protocol on the application of the Vienna and Paris Conventions (NLB 94, p. 123).
• 2014 Decree on the recognition and indemnification of the victims of nuclear tests conducted by France (NLB 95, p. 70).
• 2016 Decree implementing Article L. 597-28 of the French Environmental Code and relating to third party liability in the field of nuclear energy (NLB 98, p. 68).
• 2016 Ministerial Order listing the sites benefitting from a reduced amount of liability (NLB 98, p. 68).
• 2016 Order amending the Appendix to the 2016 Order setting the list of reduced liability amount sites (NLB 99, p. 80).
• 2017 Ministerial Order amending the Annex of the amended 2016 Ministerial Order listing the sites benefitting from a reduced amount of liability (NLB 101, p. 77).
• 2018 Decree publishing the decision on the exclusion of small quantities of nuclear substances outside a nuclear installation from application of the Paris Convention, adopted in 2016 by the NEA Steering Committee (NLB 102, p. 89).
• 2019 Order modifying the list of sites with a reduced liability amount (NLB 104, p. 15).

**Nuclear installations**


• 1966 and 1967 Orders defining Nuclear Installations (NLB 1, p. 8). The texts of the Orders are reproduced in *NLB 1, p. 35*. Repeal in 1996 of two Orders concerning the Limits Beyond Which Installations were Considered as Basic Nuclear Installations (NLB 58, p. 90).

• 1967 Decree revising the Nomenclature of Dangerous, Unhealthy or Noxious Establishments (NLB 1, p. 8). The text of the Decree is reproduced in *NLB 1, p. 39.*
• 1968 Order relating to Requests for Patents (NLB 3, p. 6).
• 1970 Decree repealing the System of Licensing for Nuclear and Thermal Power Stations (NLB 6, p. 7).
• 1970 Order concerning the Construction of Nuclear Reactor Pressure Vessels (NLB 7, p. 8).
• 1975 Decree on Dues for Major Nuclear Installations (NLB 18, p. 11). 1999 Amendment (NLB 65, p. 37).
• 1976 Act on Installations Classified for the Purposes of Environmental Protection (see under “Environmental protection” infra).
• 1976 Public inquiry procedure prior to official recognition of nuclear power plants as being in the public interest (NLB 18, p. 13).
• 1984 Order and Circular on Design Quality, Construction and Operation of Major Nuclear Installations (NLB 34, p. 16; NLB 35, p. 15). The texts of the Order and Circular are reproduced in NLB 35, p. 60.
• 1997 Circular on the Administrative Procedure for Sites Polluted by Radioactive Materials (NLB 60, p. 84).
• 1999 Decree on Major Nuclear Installations Classified as Secret (NLB 65, p. 37). Repealed and replaced by 2001 Decree governing the Safety and Radiation Protection of Nuclear Installations and Activities used for Defence Purposes (NLB 68, p. 56).
• 1999 Amendment to the Tax Regime Applicable to Major Nuclear Installations (NLB 65, p. 37).
• 2007 Decree on Securing Financing for Nuclear Charges (NLB 79, p. 61).
• 2007 Decree Licensing the Construction of the Basic Nuclear Installation “Flamanville 3” Comprising an EPR Reactor (NLB 79, p. 61).

• 2007 Decree on the Listing of Basic Nuclear Installations (NLB 80, p. 72).

• 2007 Decree on Basic Nuclear Installations and Verifying the Nuclear Safety of Radioactive Materials Transport (NLB 80, p. 72).

• 2012 Decree authorising the ITER Organisation to create the “ITER” basic nuclear installation in Saint-Paul-lez-Durance (NLB 91, p. 115).

• 2014 Order and Nuclear Safety Authority decision on material modifications to basic nuclear installations (NLB 94, p. 120).

• 2014 Order and Nuclear Safety Authority decision on the regulations applicable to basic nuclear installations for the control of risks associated with fire (NLB 94, p. 121).

• 2016 Decree related to the modification, final shutdown and decommissioning of basic nuclear installations, and to subcontracting (NLB 98, p. 69).

• 2017 Decree revoking the licence to operate Fessenheim Nuclear Power Plant (NLB 100, p. 93).

• 2019 Decree codifying provisions concerning basic nuclear installations, the transport of radioactive substances and transparency in the field of nuclear energy (NLB 103, p. 54).

• 2019 Decree establishing an Interministerial Delegate for the future of the Fessenheim territory and the territories of coal-fired power plants (NLB 103, p. 55).

• 2019 Decree appointing an Interministerial Delegate for the future of the Fessenheim territory and the territories of coal-fired power plants – Mr David Coste (NLB 103, p. 55).

• 2019 Decree modifying Decree authorising the Atomic Energy Commission (CEA) to set up a nuclear installation called Jules Horowitz Reactor at Cadarache, a CEA site located in Saint-Paul-lez-Durance (Bouches du Rhône) (NLB 104, p. 16).

• 2020 Decree repealing the operating licence for Fessenheim Nuclear Power Plant (NLB 104, p. 16).

• 2020 Decree authorising the creation of the basic nuclear installation referred to as Flamanville 3, comprising an EPR type nuclear reactor, on the Flamanville site (Manche département) (NLB 105, p. 97).

Nuclear safety and radiological protection (including nuclear emergency planning)

• 1967 Decree relating to the Protection of Workers against Ionising Radiation Hazards (NLB 1, p. 9; NLB 9, p. 17). Repealed and replaced by a 1986 Decree. 1968 Implementing Orders (NLB 2, p. 14), confirmed in 1987 (NLB 40, p. 11) and repealed in 1999 (NLB 64, p. 54).

• 1967 Order setting up a Committee for Protection against Ionising Radiation (NLB 1, p. 11).


• 1969 Decree on the Procedure for the Inventory of the Degree of Pollution of Surface Waters (NLB 4, p. 7).


• 1970 Order relating to the Authorisations for Apparatus Generating Ionising Radiation to be used for Medical Purposes (NLB 6, p. 7).

• 1970 Notice regarding Radioactive Waste Disposal (NLB 6, p. 8).

• 1970 Interministerial Order containing a List of Occupations which Require Special Medical Supervision (NLB 6, p. 8). Repealed and replaced in 1977 (NLB 20, p. 7).

• 1972 Decree concerning the Creation of a Defence Corps for Civilian Protection (NLB 10, p. 9).

• 1972 Decree publishing International Convention No. 115 concerning the Protection of Workers against Ionising Radiation (NLB 10, p. 28).

• 1974 Order concerning the Control of the Use of Telegammatherapy Sources (NLB 14, p. 8).

• 1975 Decree concerning the Protection of Workers in Major Nuclear Installations against the Hazards of Ionising Radiation (NLB 9, p. 17; NLB 16, p. 10). 1988, 1997 and 1998 Amendments (NLB 41, p. 13; NLB 42, p. 9; NLB 59, p. 46; NLB 63, p. 70). 1977 and 1999 Implementing Orders (NLB 20, p. 7; NLB 24, p. 8; NLB 64, p. 54).


• 1984 Decree revising and supplementing the Tables of Occupational Diseases (NLB 34, p. 15).

• 1985 Decree to amend the Labour Code and defining the Health and Safety Conditions for Gamma-ray Industrial Radiography Equipment (NLB 38, p. 16).

• 1986 Decree on Artificial Radioelements, amending the Public Health Code (NLB 38, p. 16).


• 1989 Memorandum on Measures to be Taken by the Authorities in Case of an Accident during the Maritime Transport of Radioactive Materials (NLB 44, p. 37).

• 1989 Order exempting Certain Products from the Licensing Regime for Artificial Radioelements (NLB 44, p. 35).

• 1990 Order fixing the Rules for Preparing and Forwarding Radiation Exposure Statistical Data on Personnel Mining Radioactive Substances (NLB 45, p. 46).

• 1992 Order on Competence of Persons Using Unsealed Radioactive Sources for Medical Purposes (NLB 51, p. 64).

• 1994 Order on Training in Radiation Protection (NLB 53, p. 82).

• 1997 Order concerning In-house Doctors in Charge of the Medical Supervision of “Outside” Workers (NLB 60, p. 84).

• 1998 Order setting out Work for which Employees on Fixed-Term Contracts or Personnel from Interim Employment Agencies may not be appointed (NLB 62, p. 62).

• 1998 Order on the Creation of Cards Equipped with Microprocessors for the Personnel of “Outside” Undertakings Carrying out Work in Major Nuclear Installations (NLB 62, p. 63).


• 2000 Circular on the Prevention of Major Accidents involving Dangerous Substances or Preparations Present in Certain Categories of Installations Classified for Environmental Protection Subject to Licensing (NLB 66, p. 39).

• 2001 Ordinance on the implementation of EU Directives in the Field of Protection against Ionising Radiation: amendment to the Public Health Code and to the Labour Code (NLB 68, p. 55).

• 2001 Decree on Information of the Public (NLB 68, p. 56). 2002 Implementing Order (NLB 70, p. 43).

• 2001 Order on the Setting up of an Emergency Alert Procedure around a Major Nuclear Installation which has an Off-Site Emergency Response Plan (NLB 69, p. 74).

• 2002 Decree on the General Protection of Persons Against Ionising Radiation (NLB 70, p. 42).
• 2002 Circular on the Organisation of Medical Care in the Event of a Nuclear or Radiological Accident (NLB 71, p. 68).
• 2002 Order Establishing the National Reference Guide on Radiological Risks (NLB 71, p. 68).
• 2003 Decree on the Protection of Workers Against the Dangers Arising from Ionising Radiation (NLB 71, p. 66).
• 2003 Decree on the Protection of Persons Exposed to Ionising Radiation for Medical and Forensic Purposes (NLB 71, p. 66).
• 2003 Decree on Intervention in the Event of Emergency Radiological Situations and in the Case of Long-Term Exposure (NLB 71, p. 67).
• 2003 Order setting out Exemption Levels in Respect of Licensing of Nuclear Activities set out in Article R. 1333-26 of the Public Health Code (NLB 73, p. 84).
• 2003 Order on Methods for Training of Persons Specialised in Radiation Protection and Certification of the Service Provider (NLB 73, p. 84).
• 2003 Order on Criteria for Certification of Authorities in charge of Individual Monitoring of Ionising Radiation Workers (NLB 73, p. 84).
• 2004 Act on Public Health Policy (NLB 74, p. 44).
• 2004 Order Establishing Special Conditions for the Use of Industrial Radiography Devices Using Gamma Radiation (NLB 74, p. 45).
• 2004 Order on Training, Missions and Activities of Persons Specialised in Medical Radiation Physics (NLB 75, p. 114).
• 2004 Decree on the Use by the IRSN of the National Identification Index of Natural Persons (NLB 75, p. 114).
• 2004 Order on Individual Medical Record Cards and Individual Dosimetric Information of Workers Exposed to Ionising Radiation (NLB 75, p. 115).
• 2005 Interministerial Order on the Action of the Public Authorities in the Event of an Incident Resulting in a Radiological Emergency Situation (NLB 75, p. 115).
• 2005 Order on Professional Activities using Raw Materials Containing Natural Radionuclides Not Used for their Radioactive Properties (NLB 76, p. 72).
• 2005 Interministerial Order on the Application of the Convention on Early Notification of a Nuclear Accident and on the EU Council Decision on
Community Arrangements for the Early Exchange of Information in the Event of a Radiological Emergency (NLB 76, p. 73).

- 2005 Decree on Radiological Emergency Situations (NLB 77, p. 50).
- 2005 Order on Methods for Training of Persons Specialised in Radiation Protection and Certification of the Service Provider (NLB 77, p. 52).
- 2006 Interministerial Order on the Application of the Convention on Assistance in the Case of Nuclear Accident or Radiological Emergency (NLB 77, p. 53).
- 2006 Decree Establishing Criteria Governing the Nomination, Clearance and Swearing in of Radiation Protection Inspectors (NLB 78, p. 46).
- 2006 Order on Dosimetric Information to Be Contained in Written Reports of Medical Acts Involving Ionising Radiation (NLB 78, p. 47).
- 2013 Decree on companies working within sites undertaking nuclear activities and temporary employment agencies affected by these activities (NLB 93, p. 100).
- 2013 Decree on procedures for training competent radiological protection officers and certifying training organisations (NLB 93, p. 100).
- 2018 Decrees transposing the Euratom Basic Safety Standards (NLB 101, p. 77).

**Nuclear trade (including non-proliferation)**

- 1988 Notice to Exporters concerning Products subject to Stricter Export Controls (Nuclear Materials, Equipment and Large Units) (NLB 42, p. 19).
- 1990 Notice to Importers and Exporters on Products and Technologies subject to Final Destination Control (NLB 47, p. 45).
- 2001 Decree on Export, Import and Transfer Controls over Dual Use Goods and Technologies and implementing Orders (NLB 69, p. 75).
- 2016 Act implementing the Additional Protocol to the Agreement between France, EURATOM and the IAEA regarding the application of safeguards in France (NLB 97, p. 82).
Nuclear-powered ships

- 1969 Decree on the Safety of Life at Sea (NLB 3, p. 6).

Organisation and structure

- 1969 Decree laying down the Powers of the Minister for Industrial and Scientific Development (NLB 4, p. 6).
- 1971 Decree laying down the Duties of the Minister Delegate responsible for the Protection of Nature and the Environment (NLB 8, p. 6).
- 1971 Decree setting up the National Institute for Nuclear and Particle Physics (NLB 8, p. 6). Repealed by 1984 Decree amending the Institute’s statute (NLB 34, p. 15).
- 1973 Decree appointing a Delegate General for Energy (NLB 13, p. 4).
- 1975 Decree setting up an Interministerial Committee for Nuclear Safety (NLB 16, p. 7).
- 1977 Decree setting up a Council for Information on Nuclear Electricity Generation (NLB 22, p. 8).
- 1979 Decree modifying the Composition of the Interministerial Committee on Artificial Radioisotopes (NLB 23, p. 16).
- 1979 Decree on the National Institute for Nuclear Science and Technology (NLB 23, p. 17).
• 1980 Decree relating to Study and Research in Thermonuclear Fusion by Inertial Confinement (NLB 25, p. 9).

• 1981 Decree authorising the Atomic Energy Commission and COGEMA to Undertake Further Activities connected with Ores and Fissile Substances (NLB 27, p. 7).

• 1981 Decree on the Organisation of the Ministry of Research and Technology (NLB 29, p. 13).

• 1982 Decree creating a Central Office for Repression of Illicit Trading in Explosives, Nuclear Materials, etc. (NLB 31, p. 9).


• 1984 Order setting up a Commission alongside the Atomic Energy Commission in relation to Radioactive Waste Management (NLB 33, p. 11).

• 1985 Order setting up a Nuclear Engineering Terminology Commission (NLB 35, p. 15).

• 1989 Decree setting up a Council on Technological Risk Prevention (NLB 43, p. 66).


• 1993 Decree transferring Certain Responsibilities for the Atomic Energy Commission to ANDRA (NLB 53, p. 81).

• 1994 Decree setting up the Board for Protection against Ionising Radiation (NLB 54, p. 46).

• 1994 Decree specifying the Tasks of the Atomic Energy Committee and Board of Directors of the Atomic Energy Commission (NLB 54, p. 47).

• 1996 Decree determining the Responsibilities of Nuclear Armed Forces (NLB 58, p. 89).

• 1997 Decree on the Powers of the Minister for Economic Affairs, Finance and Industry (NLB 60, p. 83).

• 1998 Order concerning the Nomination and Professional Qualifications of Safety Officers for Transport of Dangerous Goods by Road, Rail or Inland Waterway (NLB 63, p. 70).

• 2000 Decree delegating power of signature to the High Commissioner for Atomic Energy (NLB 66, p. 38).

• 2001 Act establishing the French Agency for Environmental Health Safety and the Institute for Radiation Protection and Nuclear Safety (NLB 68, p. 54).

• 2001 Decree on the Special Commission for Major Nuclear Installations Classified as Secret (NLB 68, p. 54).

• 2002 Decree establishing the General Directorate for Nuclear Safety and Radiation Protection (NLB 69, p. 71).

• 2002 Decree establishing the Institute for Radiation Protection and Nuclear Safety (NLB 69, p. 72).

• 2002 Order establishing an Advisory Council on the Use of Nuclear in Defence Operations (NLB 70, p. 41).


• 2002 Decree on the Organisation and Operation of the French Agency for Environmental Health Safety (NLB 70, p. 42).


• 2003 Order on Methods for Training of Persons Specialised in Radiation Protection and Certification of the Service Provider (NLB 73, p. 84).

• 2003 Order on Criteria for Certification of Authorities in charge of Individual Monitoring of Ionising Radiation Workers (NLB 73, p. 84).

• 2003 Decree on the Creation of the Interministerial Committee on Nuclear and Radiological Crisis (NLB 72, p. 49).

• 2004 Order establishing a Commission on Ionising Radiation Sources (NLB 73, p. 82).

• 2004 Order Defining the Certification Conditions for Bodies carrying out Radiation Protection Monitoring (NLB 74, p. 83).

• 2007 Order on the Organisation of the General Directorate of Enterprises (GDE) within the Ministry of Industry (NLB 80, p. 72).

• 2008 Decree establishing a Political Nuclear Council (NLB 81, p. 105).

• 2008 Decree authorising the establishment of the “Agence France Nucléaire International” within the Atomic Energy Commission (NLB 81, p. 105).

• 2011 Nuclear Safety Authority (ASN) Resolution subjecting the restarting of the melting or incineration furnaces of basic nuclear installation 160 (Centraco) to prior authorisation by ASN following the accident that occurred on 12 September 2011 (NLB 88, p. 78).

**Radioactive materials (including physical protection)**

• 1972 Order dealing with the Licensing of Sealed Radioactive Sources for Gamma–ray Teletherapy (NLB 10, p. 10).

• 1977 Order concerning Support for Uranium Prospection (NLB 19, p. 5).
- 1980 Decree on Mining Rights (NLB 25, p. 10).
- 1984 Order on Nuclear Materials Subject to Declaration (NLB 33, p. 11).
- 2003 Order Regarding the Protection of National Secrecy in the Field of Nuclear Material Control and Protection (NLB 72, p. 50). Repealed and replaced in 2004 (NLB 73, p. 85).
- 2004 Order Setting out Technical Conditions for the Accounting of Nuclear Materials (NLB 74, p. 46).

Radioactive waste management

- 1979 Order on the Creation of a National Radioactive Waste Management Agency (ANDRA) (NLB 24, p. 7); Note on ANDRA (NLB 29, p. 13); 1984 Amendment (NLB 33, p. 11). The text of the 1992 Decree on the Administrative Organisation of ANDRA is reproduced in NLB 51, p. 96.
- 1995 Decree on Releases of Liquid and Gaseous Effluent, and on Water Samples, from Major Nuclear Installations. 1999 Implementing Order (NLB 65, p. 39).
- 1999 Decree authorising the Operation of an Underground Laboratory (NLB 64, p. 56).
- 1999 Order authorising Électricité de France to Continue Using Water Supplies and Releasing Liquid and Gaseous Waste for the Operation of the Nuclear Installation at Saint-Laurent-des-Eaux (NLB 64, p. 56).

• 2008 Safety guideline on final disposal of radioactive waste in a deep geological repository (NLB 82, p. 120).

• 2008 Decree concerning the procedures applicable to foreign spent nuclear fuel and radioactive waste reprocessing (NLB 82, p. 121).

• 2010 Decree establishing a Committee on industrial co-ordination of radioactive waste (NLB 85, p. 104).


• 2013 Specifications of the National Radioactive Materials and Waste Management Plan (PNGMDR) (NLB 93, p. 101).

• 2013 Amended Finance Act establishing special contribution to the National Radioactive Waste Management Agency (ANDRA) (NLB 93, p. 101).

• 2014 Decision of the board of directors of the National Radioactive Waste Management Agency to continue with the Cigéo project (NLB 94, p. 120).

• 2015 Opinion regarding the evaluation of the reference cost of the Cigéo project for the deep geological storage of radioactive waste (NLB 97, p. 82).

• 2016 Ministerial Order regarding the objective cost of the implementation of long-term management solutions for long-lived medium and high-level radioactive waste (NLB 97, p. 82)

• 2016 Act specifying the procedures for creating a reversible deep geological repository for long-lived medium and high-level radioactive waste (NLB 98, p. 68).

• 2017 Decree No. 2017-231 setting out the provisions of the National Radioactive Material and Waste Management Plan (NLB 99, p. 79).

• 2017 Order implementing Decree No. 2017-231 (NLB 99, p. 79).

Transport of radioactive materials


• 1967 Decree publishing the International Regulations for the Transport of Dangerous Goods by Rail (RID) (NLB 1, p. 12).

• 1968 Decree publishing Annexes A and B to the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)
(NLB 3, p. 33). 1971, 1972, 1974 and 1980 Amendments to Annexes A and B of ADR (NLB 9, p. 34; NLB 10, p. 28; NLB 13, p. 5; NLB 20, p. 30; NLB 26, p. 34).

- 1986 Order on Protection and Control of Irradiated Fuel and Nuclear Materials Carried by Rail (NLB 38, p. 19).
- 1987 Order on Protection and Control of Nuclear Materials Carried by Air (NLB 40, p. 11).
- 1989 Memorandum on Measures to be Taken by the Authorities in Case of an Accident during the Maritime Transport of Radioactive Materials (NLB 44, p. 37).
- 1998 Order concerning the Nomination and Professional Qualifications of Safety Officers for Transport of Dangerous Goods by Road, Rail or Inland Waterway (NLB 63, p. 70).
- 1999 Order establishing the Technical Conditions for Certain Controls Carried out by “Well-known Senders” or by Air Carriers in order to Ensure the Safety of Air Freight. 1999 Amendment (NLB 65, p. 40).
- 2008 Decree on the transboundary transfer of radioactive waste and spent nuclear fuel (NLB 83, p. 100).

**Case law**

• 1975 Dismissal of an appeal to annul the licence for Fessenheim nuclear power station (NLB 15, p. 24).

• 1975 Injunction concerning preparatory work for the Creys-Malville nuclear power plant (NLB 16, p. 29). 1991 Decision on licensing the plant (NLB 48, p. 19).

• 1978 Council of State Judgment on the legality of a 1975 Decree authorising the CEA to set up a subsidiary company (NLB 24, p. 21).

• 1986 Decisions of the Administrative Tribunal of Strasbourg refusing a stay of execution against authorisations for disposal of radioactive effluent from the Cattenom power plant (NLB 38, p. 41).

• 1993 Judgment on the Forbach radiation accident (NLB 52, p. 35).

• 1995-1996 Judgments concerning the La Manche Storage Centre (NLB 57, p. 64).

• 1997 Council of State’s Judgment on Superphenix (NLB 59, p. 33).

• 1998 Council of State Judgment on the transfer of the capacity of nuclear operator from La Manche Radioactive Waste Storage Facility to ANDRA (NLB 62, p. 51).

• 1998 Council of State Decision concerning the procedure governing the underground storage of radioactive waste (NLB 62, p. 51).

• 1999 Case law in the medical field concerning ionising radiation (NLB 63, p. 39).

• 1999 Council of State Judgment on the risk analysis within the licensing application (NLB 65, p. 21).

• 1999 Judgment of the Cour de Cassation on the operation of a classified installation without a licence (NLB 65, p. 22).

• 2000 Judgment of the Council of State confirming the definitive shut-down of Superphenix (NLB 66, p. 28).

• 2001 Judgment of the Council of State refusing an application to annul a Decree authorising an extension to the Melox nuclear installation (NLB 68, p. 47).

• 2001 Decisions on the authorisation to unload and store Australian spent nuclear fuel in France (NLB 68, p. 48).

• 2001 Judgment of the Council of State refusing to classify depleted uranium as waste (NLB 68, p. 48).

• 2001 Judgment of the Council of State specifying the law applicable to storage facilities for depleted uranium (NLB 69, p. 57).

• 2003 Judgment of the County Court of Cherbourg concerning the import of spent fuel to La Hague (NLB 71, p. 41).

• 2004 Judgment of the Council of State on an application for annulment of the Decree of 10 January 2003 authorising Cogema to modify a major nuclear installation (NLB 75, p. 95).

• 2005 Judgment of the Court of Appeal on Caen on the Licence to Reprocess Australian Spent Nuclear Fuel (NLB 76, p. 66).

• 2005 Judgment of Magistrates’ Court of Limoges Concerning Dumping of Radioactive Waste by Cogema (NLB 76, p.67).

• 2006 Judgment of the French Supreme Court (Cour de Cassation) on the Reprocessing Licence for Australian Spent Nuclear Fuel (NLB 77, p. 41).


• 2007 Judgment of the European Court of Human Rights on the Right to a Fair Trial, in the Litigation Collectif Stop MELOX and MOX v. France (NLB 80, p. 65).

• 2007 Decision of the Council of State Quashing a Decree Concerning a Nuclear Installation in Brennilis, for the Want of Public Information and Consultation (NLB 80, p. 65).

• 2009 Judgment of the Council of State rejecting the claims made by environmental NGOs against the Decree licensing the construction of the EPR at Flamanville (NLB 83, p. 91).

• 2011 Decision of the Administrative Court in Strasbourg on the permanent shutdown of the Fessenheim nuclear power plant (NLB 87, p. 87).

• 2011 Chernobyl accident – decision of dismissal of the Court of Appeal in Paris (NLB 88, p. 71).

• 2011 Court of Appeals of Nîmes, Judgment No.11-00899 (regarding the SOCATRI incident in July 2008) (NLB 89, p. 109).

• 2011 Conseil d’État, request No. 324294 (regarding the association Réseau "Sortir du nucléaire") (NLB 89, p. 110).

• 2012 Administrative Court of Appeal of Lyon, Judgments Nos. 12LY00233 and 12LY00290 regarding EDF’s permit to construct a waste conditioning and storage facility (ICEDA) in the town of Saint-Vulbas (NLB 90, p. 101).

• 2012 Conseil d’État decision regarding Atelier de technologie de plutonium (ATPu) located at the Cadarache site (NLB 90, p. 101).

• 2012 Court of Appeal Toulouse, Judgment No. 1200867, Golfech – Prosecution for accidental spillage of radioactive effluents (NLB 91, p. 106).

• 2012 Court of Cassation, Criminal Chamber, Decision No. 11-87531 (NLB 91, p. 106).

• 2013 Conseil d’État decision refusing to suspend operation of the Fessenheim nuclear power plant (Request Nos. 351986, 358080, 358094, 358095) (NLB 92, p. 89).
• 2014 Conseil d’État decision rejecting a request to annul a decree authorising the construction of a conditioning and storage facility for activated waste in Saint-Vulbas (Request No. 358882) (NLB 94, p. 115).

• 2014 Conseil d’État decision overturning appeal ruling regarding the construction of a conditioning and storage facility for activated waste in Saint-Vulbas (Request No. 362001) (NLB 94, p. 115).

• 2014 Conseil d’État decision Fédération Réseau sortir du nucléaire and others v. Electricité de France (EDF) (Request No. 367013) (NLB 96, p. 67).

• 2016 Conseil d’État decision EDF v. Republic and Canton of Geneva relative to the Bugey nuclear power plant (No. 373516) (NLB 98, p. 63)

• 2018 Conseil d’État decisions repealing the decree that revoked the operating licence held by Electricité de France (EDF) for the Fessenheim Nuclear Power Plant (Nos. 410109, 410622, 410624) (NLB 101, p. 71).

• 2018 Cherbourg High Court (Tribunal de grande instance) decision regarding contracts signed for the reprocessing of spent fuel (No. 18-00061) (NLB 102, p. 81).

Administrative decisions

• 1996 Decree on the Decommissioning of the EL4 Reactor (NLB 59, p. 40).

Agreements


• 1966 Agreement with Belgium on Radiological Protection relating to the Installation at the Ardennes Nuclear Power Station (NLB 1, p. 32).


• 1972 Agreement with CERN concerning the latter’s legal status (NLB 11, p. 36).


• 1974 Decree authorising the Creation of the European Fast Neutron Nuclear Power Station Co. Ltd. (NERSA) (NLB 14, p. 39).

• 1975 Co-operation Agreement with Iraq on the Utilisation of Nuclear Energy for Peaceful Purposes (NLB 18, p. 44).
• 1975 Agreement with the Federal Republic of Germany and Switzerland relating to a Tripartite Commission for Neighbourhood Problems in Border Areas (NLB 19, p. 34).

• 1976 Agreement with the USSR relating to the Prevention of Accidental or Unauthorised Use of Nuclear Weapons (NLB 18, p. 19).


• 1978 Agreement with Austria relating to the Reprocessing Contract between the COGEMA and the GKT (NLB 22, p. 36).


• 1978 Agreement with the Federal Republic of Germany and Japan on Technical Cooperation on Fast Breeder Reactors (NLB 23, p. 52).

• 1978 Agreement with Euratom and IAEA for the Application of Safeguards to Certain Nuclear Materials in France (NLB 28, p. 44).


• 1981 Agreement with Egypt on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 30, p. 35).

• 1981 Agreement with the Republic of Korea on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 30, p. 36).

• 1981 Agreement with Belgium on Mutual Assistance in the Event of Catastrophes and Serious Accidents (NLB 34, p. 42).

• 1981 Agreement with Australia on Nuclear Transfers (NLB 35, p. 53).

• 1983 Agreement with the United Kingdom on Exchange of Information in Case of Radiological Emergencies (NLB 33, p. 33).

• 1983 Memorandum of Understanding between the Commissariat à l'énergie atomique (CEA) and the United States Department of Energy in the Field of Physical Protection of Nuclear Materials and Facilities (NLB 33, p. 35).

• 1983 Agreement with Luxembourg on Exchange of Information in Case of Radiological Emergencies (NLB 34, p. 42).

• 1985 Agreement with CERN on the Legal Status of Nuclear Materials held by CERN on French Territory (NLB 38, p. 54).

• 1986 Technical Co-operation Agreement with Spain on Radioactive Waste Management (NLB 38, p. 55).

• 1987 Agreement with Switzerland on Mutual Assistance in the Event of Catastrophes and Serious Accidents (NLB 43, p. 93).

• 1988 Agreement with Switzerland on Return of Plutonium (NLB 47, p. 72).


• 1990 Administrative Arrangement with Canada for the Exchange of Technical Information and Co-operation in the Regulation of Nuclear Safety (NLB 46, p. 84).

• 1990 Agreement with the Federal Republic of Germany on Reprocessing Spent Fuel Elements from German Nuclear Power Plants at La Hague (NLB 46, p. 85).


• 1990 Co-operation Agreement with Italy on Reactors of the Future and Advanced Technology. 2000 Addendum (NLB 66, p. 63).


• 1991 Agreement with Japan for Co-operation on Advanced Nuclear Technologies (NLB 48, p. 65).

• 1992 Agreement with the Russian Federation on Co-operation on the Safe Disposal of Nuclear Weapons in Russia and on the Use for Peaceful Purposes of Nuclear Materials from Weapons (NLB 69, p. 100).

• 1993 Agreement with Japan for Co-operation on Nuclear Safety (NLB 52, p. 78).

• 1994 Agreement with Japan on Co-operation in the Field of Radioactive Waste (NLB 54, p. 66).


• 1998 Agreement with Ukraine on the Peaceful Uses of Nuclear Energy (NLB 64, p. 70).
• 1999 Collaboration Agreement with the United Kingdom in the Field of Nuclear Waste Management and Dismantling of Nuclear Installations (NLB 65, p. 61).
• 1999 Co-operation Agreement with Japan on the Management and Disposal of Radioactive Waste (NLB 64, p. 70).
• 2000 Memorandum of Understanding with the United States on Co-operation relating to Future Nuclear Technology (NLB 66, p. 64).
• 2000 Arrangement with Slovenia for the Exchange of Information and Co-operation in the Field of Nuclear Safety (NLB 66, p. 64).
• 2000 Convention with CERN on the Safety of Research Installations Situated on French Territory (NLB 66, p. 65).
• 2001 Arrangement with Romania on the Exchange of Information and on Co-operation in the Field of Nuclear Safety (NLB 69, p. 100).
• 2001 Agreement with the United Kingdom on the Exchange of Classified Information in the Field of Nuclear Defence (NLB 69, p. 100).
• 2003 Agreement with the United States for Exchange of Technical Information and Co-operation in the Regulation of Nuclear Safety (NLB 72, p. 71).
• 2008 Agreement with India on civil nuclear co-operation (NLB 82, p. 199).
• 2008 Agreement with Libya on, inter alia, the generation of electricity, water desalination, exploration of uranium, investment and training in nuclear energy (NLB 82, p. 199).
• 2008 Joint Political Declaration with the Slovak Republic on strategic partnership and a co-operation agreement on civilian nuclear energy (NLB 82, p. 199).
• 2008 Agreement with the United Kingdom to establish a “joint project approach” for regulation of the European Pressurised Water Reactor (EPR) (NLB 82, p. 200).
• 2008 Accord with Algeria on training, research and human resources (NLB 82, p. 200).
• 2008 Nuclear co-operation agreement with Libya for training of engineers and exchange of nuclear expertise (NLB 82, p. 200).
• 2008 Nuclear co-operation agreement with Morocco for training of engineers and exchange of nuclear expertise (NLB 82, p. 200).
• 2008 Nuclear co-operation agreement with Tunisia for training of engineers and exchange of nuclear expertise (NLB 82, p. 200).

• 2008 Agreement with the United States for co-operation for research and development/exchange of scientific and technical information (NLB 82, p. 201).

• 2009 Agreement with Italy on co-operation in the field of nuclear energy (NLB 83, p. 141).

• 2009 Agreement with Tunisia on the development of nuclear energy for peaceful purposes (NLB 83, p. 141).

• 2009 Agreement with Brazil on co-operation in the development of nuclear propulsion systems for military submarines (NLB 83, p. 141).

• 2010 Co-operation agreement with Kuwait on the development of peaceful nuclear energy (NLB 85, p. 150).

• 2010 Agreement with Morocco on Co-operation on Civil Nuclear Power (NLB 86, p. 93).

• 2010 Agreement with the Russian Federation on the Expanded Co-operation Agreement in the Nuclear Field (NLB 86, p. 93).

• 2010 Agreement with Saudi Arabia on Co-operation on Civil Nuclear Power (NLB 86, p. 93).

• 2010 Agreement with Japan and the United States on co-operation towards the joint design and development of fast breeder reactors (NLB 86, p. 93). 2012 Cooperation Agreement between the government of the French Republic and the government of the Republic of Tunisia for the development of peaceful uses of nuclear energy (NLB 91, p. 117).

• 2012 Cooperation Agreement between the government of the French Republic and the government of Mongolia in the field of nuclear energy (with annex) (NLB 91, p. 117).


• 2013 Agreement of co-operation between the Government of the French Republic and the Government of the Kingdom of Saudi Arabia for the development of nuclear energy for peaceful purposes (NLB 92, p. 102).


• 2014 Agreement between the Government of the Republic of France, the Swiss Federal Council and the European Organisation for Nuclear Research on the law applicable to companies working on the organisation’s site with a view to carrying out services of a transnational nature (NLB 93, p. 103).

Gabon

Legislative and regulatory activities

Nuclear safety and radiological protection (including nuclear emergency planning)


Organisation and structure

• 2002 Order Establishing the National Centre for the Prevention of and Protection Against Ionising Radiation (NLB 74, p. 47).

Georgia

Legislative and regulatory activities

General legislation, regulations and instruments

• 1998 Law on Nuclear and Radiation Safety (NLB 67, p. 31).

Nuclear safety and radiological protection (including nuclear emergency planning)

• 2012 Law No. 5912 on nuclear and radiation safety (NLB 90, p. 118).

Nuclear trade (including non-proliferation)

• 1998 Law on Export Control of Armaments, Military Equipment and Dual Use Products (NLB 62, p. 65).
Germany

Legislative and regulatory activities

Environmental protection

- 1972 Bill concerning the Protection of the Environment against Non-nuclear Dangers Caused by Nuclear Installations (NLB 9, p. 16).
- 1990 Assessment of the Effects of Mining Projects on the Environment (NLB 46, p. 67).
- 2010 Amendment to the Environmental Impact Assessment Act (NLB 86, p 77).

Food irradiation

- 1991 Amendment to the Meat Hygiene Ordinance (NLB 49, p. 53).
- 2006 Amendment to the Ordinance on the Treatment of Foodstuffs with Radiation (NLB 79, p. 62).
- 2019 New version of the Food Irradiation Ordinance (NLB 102, p. 89).

General legislation, regulations and instruments

- 1959 Atomic Energy Act. The text of the Act is reproduced in the Supplement to NLB 4. Successive Amendments (NLB 1, p. 13; NLB 2, p. 16; NLB 3, p. 7; NLB 4, p. 8; NLB 6, p. 9; NLB 9, p. 15; NLB 14, p. 11; NLB 15, p. 8; NLB 16, p. 14; NLB 17, p. 9; NLB 18, p. 25; NLB 34, p. 18; NLB 37, p. 18; NLB 44, p. 37; NLB 45, p. 49; NLB 47, p. 48; NLB 54, p. 48; NLB 59, p. 48; NLB 61, p. 74; NLB 67, p. 34; NLB 69, p. 76). For comments on the 2002 Amendment, see also the study by A. Vorwerk (NLB 69, p. 7). The texts of the 1975 and 1976 Amendments are reproduced in the Supplements to NLB 15 and NLB 18. The 1985 consolidated text of the Act is reproduced in the Supplement to NLB 36. The 2002 consolidated text of the Act
is reproduced in the *Supplement to NLB 70*. 2010 Tenth Amendment (NLB 85, p. 105). 2011 Thirteenth Amendment (NLB 88, 78).

- 1990 German Re-unification (NLB 46, p. 63).
- 2000/2001 Agreement on the phase-out of nuclear energy between the German Federal Government and the four main electrical utilities (NLB 66, p. 50; NLB 68, p. 58).
- 2010 Amendment to the Atomic Energy Act extending the operating lifetime of nuclear power plants (NLB 86, p. 76).
- 2010 Amendment to the Reliability Assessment Ordinance (NLB 86, p. 76).
- 2011 Legislative package on the change of energy policy; 13th Amendment to the Atomic Energy Act (NLB 88, p. 78).
- 2013 Bill to amend the Atomic Energy Act to expedite the retrieval of radioactive waste from and to decommission the Asse II Mine (2013) (NLB 91, p. 118).
- 2013 Act to amend the Act on Environmental Legal Remedies and other environmental provisions (NLB 91, p. 118).
- 2018 16th Act to Amend the Atomic Energy Act (NLB 101, p. 78).

**Liability and compensation**

- 1959 Atomic Energy Act as amended (see under “General legislation, regulations and instruments” supra). 1985 Amendment on Unlimited Liability (NLB 34, p. 18; NLB 35, p. 16) and 2001 Amendment (NLB 67, p. 34).
- 1969 Ordinance regarding the Creation of Financial Reserves for Nuclear Installations (NLB 4, p. 9).
- 1986 Compensation for damage caused by the Chernobyl accident under the Atomic Energy Act (NLB 38, p. 21).
• 1989 Act to ratify the IAEA Early Notification and Assistance Conventions (liability clause) (NLB 44, p. 40).


• 1990 Act on Environmental Liability (NLB 47, p. 47).

• 1991 Notification by insurers of nuclear energy clause in transport insurance (NLB 48, p. 44).

• 2008 Act on the 2004 Protocols to Amend the Paris Convention and the Brussels Supplementary Convention; Act to Amend the Atomic Energy Act (NLB 82, p. 122).

Nuclear installations


• 1976 Revised Atomic Energy Act (NLB 18, p. 25).


• 1983 Guidelines for the Assessment of the Design Basis of Nuclear Power Plants having regard to Accidents (NLB 33, p. 12).

• 1985 Act to Expedite Administrative Procedures (NLB 36, p. 14).


• 1994 List of competent licensing authorities (NLB 55, p. 30).

• 2010 Amendment to the Ordinance on Persons Responsible for Nuclear Safety and on Reportable Events (NLB 86, p. 77).

Nuclear safety and radiological protection (including nuclear emergency planning)

• 1968 Ordinance on Industrial Diseases (NLB 2, p. 17).

• 1969 Act on Radio Luminous Timepieces (NLB 2, p. 17; NLB 4, p. 25).

• 1971 Ordinance on Authorising of Medicaments Treated with Ionising Radiation or Containing Radioactive Substances (NLB 8, p. 7). 1985 Amendment (NLB 35, p. 16).
• 1972 Bill concerning the Health Protection of Workers in Factories (NLB 9, p. 16; NLB 10, p. 10).
• 1973 Ratification of Convention No. 115 concerning the Protection of Workers against Ionising Radiations (NLB 13, p. 31).
• 1979 Ordinance on the Adjustment of Apparatus for Measurements (NLB 25, p. 16).
• 1981 Ordinance on Measurement Units (NLB 28, p. 20).
• 1985 Act on Weights and Measures. 1992 Amendment (NLB 51, p. 65).
• 1985 Ordinance on Cosmetics. 1997 Amendment (NLB 61, p. 76).
• 1987 Ordinance on Radioactive Drugs (NLB 39, p. 17).
• 1990 Ordinance on Establishing a Radiation Protection Register (NLB 46, p. 67).
• 1990 Ordinance on Drinking Water (NLB 47, p. 46).
• 1991 Recommendations on Radiation Protection and Nuclear Safety (NLB 49, p. 52).
• 1997 Act to Protect Working Female Persons during Pregnancy and Maternity (NLB 60, p. 85).
• 1999 Framework Recommendations on Protection against Catastrophes in the Surroundings of Nuclear Installations (NLB 65, p. 41).
• 2000 General Administrative Regulations dealing with the Control of Food and Feeds Irradiated as a Consequence of a Nuclear Incident (NLB 67, p. 36).
• 2003 X-Ray Ordinance (NLB 73, p. 85).
• 2005 Act on the Control of High-activity Sources (NLB 76, p. 75)
• 2006 Amendment to the Act on Preventive Radiation Protection (NLB 79, p. 62)
• 2007 Ordinance on Radioactive Drugs (NLB 79, p. 62).
• 2009 Act on the Protection against Non-ionizing Radiation (NLB 85, p. 106).
• 2011 Entry into force of Ordinance to amend the Radiation Protection Ordinances (NLB 89, p. 120).
• 2012 General administrative rules on Section 47 of the Radiation Protection Ordinance (NLB 91, p. 120).
• 2012 Safety requirements for nuclear power plants (NLB 91, p. 120).
• 2020 First amendment to the Radiation Protection Ordinance (NLB 104, p. 17).

**Nuclear trade (including non-proliferation)**

• 1972 Ratification of the Treaty on the Denuclearisation of the Sea Bed (NLB 9, p. 36; NLB 10, p. 28).
• 1990 Act to Tighten Controls over Foreign Trade (NLB 47, p. 48).
• 1990 Amendment to the Act on Control of Military Weapons (NLB 47, p. 49).
• 1993 Foreign Trade Ordinance. Successive Amendments (NLB 49, p. 53; NLB 57, p. 78; NLB 59, p. 50; NLB 60, p. 85; NLB 61, p. 77; NLB 63, p. 72; NLB 65, p. 42; NLB 67, p. 35; NLB 81, p. 106; NLB 84, p. 134; NLB 94, p. 124).
• 1998 Act to Implement the Comprehensive Nuclear-Test-Ban Treaty (NLB 63, p. 73).
• 2001 and 2003 Amendments to the Nuclear Trade Ordinance (NLB 73, p. 86).
• 2006 Amendments to the 1961 Foreign Trade Act and to the 1993 Foreign Trade Ordinance (NLB 77, p. 55)
2005 Amendments to the Import List (NLB 77, p. 56)
2006 Amendments to the 1961 Foreign Trade Act and to the 1993 Foreign Trade Ordinance (NLB 79, p. 64).
2008 List of Foreign Trade Regulations (NLB 81, p. 106).
2011 Amendment to the Foreign Trade Act (NLB 89, p. 122).
2012 Publication of complete list of acts, ordinances and ministerial orders covering foreign trade in force on 31 December 2011 (NLB 89, p. 122).
2013 110th Ordinance to Amend the Export List – Annex AL to the Foreign Trade Ordinance of 15 January 2013 (NLB 91, p. 121).
2015 Amendments to the Foreign Trade Act and the Foreign Trade Ordinance (NLB 98, p. 69).
2019 Amendments to the Foreign Trade Ordinance (NLB 102, p. 90).

**Nuclear-powered ships**


**Organisation and structure**

- 1972 Reorganisation of Federal Competencies in the Field of Nuclear Energy (NLB 11, p. 13).
Radioactive materials (including physical protection)

- 1973 Recommendations concerning the Licensing and Control of Radioisotopic Cardiac Pacemakers (NLB 13, p. 6).

Radioactive waste management

- 1995 General Mining Ordinance (application to underground radioactive waste repositories) (NLB 57, p. 76).
- 2005 Ordinance on Establishing a Prohibition to Alter the Conditions of the Subsoil within the Gorleben Salt Formation (NLB 76, p. 76).
- 2013 Act on Expediting the Retrieval of Radioactive Waste from and the Decommissioning of the Asse II Mine (NLB 92, p. 102).
- 2013 Repository Site Selection Act (NLB 92, p. 103).
- 2015 First Ordinance to amend the 2005 Gorleben Development Freeze Ordinance (NLB 96, p. 82).
• 2016 Act on the Organisational Restructuring in the Field of Radioactive Waste Management (NLB 98, p. 70).

Transport of radioactive materials

• 1972 Post Office Regulations (NLB 11, p. 14).
• 1990 Ordinance on Amendments to the CIM and the CIV Conventions (NLB 47, p. 47).
• 2003 Ordinance on the Transportation of Dangerous Goods on the Rhine and Mosel rivers (NLB 73, p. 86).
• 2003 Ordinance on the Maritime Carriage of Dangerous Goods (NLB 73, p. 86).
• 2003 and 2004 Ordinances to Amend the RID Regulations (NLB 74, p. 48).
• 2004 Ordinance on the Transportation of Dangerous Goods by Internal Waterways (NLB 74, p. 85).
• 2005 Ordinance on the Transportation of Dangerous Goods by Road and Rail (NLB 76, p. 76)
• 2005 European Agreement Relating to the International Transportation of Dangerous Goods by Road (ADR) (NLB 77, p. 55)
• 2005 Corrigenda to the 2004 RID Regulations (NLB 77, p. 55).
• 2006 Ordinance on the Transportation of Dangerous Goods by Road and Rail (NLB 77, p. 55)
• 2006 European Agreement Relating to the International Transportation of Dangerous Goods by Road (ADR) (NLB 79, p. 63).
• 2006 Ordinance on the Transportation of Dangerous Goods by Road and Rail (NLB 79, p. 63).
• 2006 Ordinance to Amend the RID Regulations (NLB 79, p. 63)
• 2011 Consolidated version of Ordinance on the Domestic and Transboundary Transport of Dangerous Goods by Road, Rail and Internal Waterways (Dangerous Goods Ordinance Road, Rail, Waterways) (NLB 89, p. 121).
• 2012 the 22nd Ordinance to Amend the Annexes A and B to the ADR-Agreement (NLB 91, p. 121).
• 2019 Amendments to the transport of dangerous goods ordinances (NLB 102, p. 90).

Case law

• 1972 Decision of the Federal Administrative Court on the issuing of partial licences concerning nuclear power plants (NLB 10, p. 20).
• 1973 Case concerning the legality of a provisional site approval (NLB 13, p. 18).
• 1978 Case concerning the constitutionality of the licensing procedure of the Atomic Energy Act with respect to the fast breeder reactor (NLB 20, p. 21; NLB 21, p. 38; NLB 23, p. 37).

• 1979 Case concerning the constitutionality of the peaceful use of atomic energy; impact of the Constitution on procedural licensing provisions (NLB 25, p. 28).

• 1980 Licensing of the Stade nuclear power station (NLB 15, p. 25; NLB 27, p. 19).

• 1986 Decision of the Federal Administrative Court (right of EEC residents to bring an action against a nuclear licence) (NLB 40, p. 23).

• 1990 Case concerning the Federal Constitutional Court rules on the competence of the Federal State in relation to the Länder in the field of nuclear law (Kalkar Reactor Case) (NLB 47, p. 31).

• 1996 Decision of the highest Administrative Court of Lower Saxony rejecting an appeal against the licensing of the storage of nuclear waste and of irradiated fuel elements (NLB 58, p. 71).

• 1996 Decision of the Superior Administrative Court of Schleswig-Holstein regarding the Krümmel nuclear power plant (NLB 61, p. 57).

• 1997 Discussion of lawful processes for licensing (NLB 60, p. 55).

• 1998 Judgment of the Federal Administrative Court concerning the Mülheim-Kärlich nuclear power plant (NLB 61, p. 55).

• 2000 Decision of the Nürnberg-Fürth Regional Court rejecting a compensation claim for a work-related accident (NLB 66, p. 28).

• 2002 Ruling of the Supreme Court on the Phase-Out Law (NLB 70, p. 24).

• 2006 Judgments on the Konrad Repository Project and on Intermediate On-site Storage Facilities for Spent Nuclear Fuel (NLB 77, p. 42)

• 2007 Judgment of the Federal Administrative Court on the Konrad Repository Project (NLB 79, p. 57)

• 2008 Judgment of the Federal Administration Court on the standing of third parties regarding attacks at interim storage facilities (NLB 81, p. 99).

• 2008 Judgment of the Federal Administration Court on the so-called “Bibliis-obligations” (NLB 82, p. 114).

• 2012 Request for arbitration against Germany at the World Bank’s International Centre for the Settlement of Investment Disputes (ICSID) because of Germany’s legislation leading to the phase-out of nuclear energy (NLB 90, p. 102).

• 2013 Judgment of the Federal Administrative Court on the Biblis shutdown order (NLB 93, p. 89).

• 2015 Judgment of the European Court of Justice on the nuclear fuel tax (NLB 96, p. 68).

• 2016 Judgment of the Federal Constitutional Court (NLB 100, p. 85).
• 2021 Three decisions of German law courts concerning the export of unirradiated fuel assemblies to nuclear power plants in neighbouring countries (NLB 106, p. 21).

• 2021 Ruling by the Federal Constitutional Court regarding the ban on the handling of nuclear fuel in the ports of Bremen (NLB 107, p. 47).

Administrative decisions

• 1972 Establishment of a Nuclear Engineering Commission (NLB 10, p. 21; NLB 15, p. 28).


Agreements


• 1968 Agreement with the Netherlands concerning the Use of Dutch Coastal Waters and Ports by the N.S. Otto Hahn (NLB 2, p. 40; NLB 3, p. 33; NLB 4, p. 25). The text of the Agreement is reproduced in NLB 3, p. 50. Similar Agreements with Liberia (1970), Portugal (1971) and Argentina (1971) (NLB 6, p. 36; NLB 7, p. 36; NLB 8, p. 34; NLB 9, p. 35). The text of the Treaty with Argentina is reproduced in NLB 10, p. 37.

• 1969 Act approving Amendments to the Convention for the Establishment of CERN (NLB 4, p. 25).

• 1970 Co-operation Agreement with the Netherlands and the United Kingdom on the Gas Centrifuge Process for Producing Enriched Uranium (NLB 6, p. 37; NLB 8, p. 34). The text of the Agreement is reproduced in NLB 6, p. 41.

• 1970 Agreement with Chile concerning Scientific Research and Technological Development (NLB 8, p. 34).

• 1971 Co-operation Agreement with India on the Peaceful Uses of Nuclear Energy (NLB 11, p. 36).

• 1972 Treaty with Brazil concerning the Entry of Nuclear-powered Ships into Brazilian Territorial Waters and Ports (NLB 10, p. 29; NLB 14, p. 41).

• 1973 Verification Agreement with Austria, Belgium, Denmark, Finland, Greece, Ireland, Italy, Luxembourg, the Netherlands, Portugal, Spain, Sweden, Euratom and IAEA. 1998 Additional Protocol (NLB 65, p. 43).


• 1974 LOFT Agreement with the United States (NLB 16, p. 40).
• 1975 Agreement with Brazil on Co-operation in the Field of Peaceful Uses of Nuclear Energy (NLB 16, p. 38). The text of the Agreement is reproduced in NLB 16, p. 43.

• 1975 Agreement with France and Switzerland relating to a Tripartite Commission for Neighbourhood Problems in Border Areas (NLB 19, p. 34).

• 1976 Agreement with the Iran Atomic Energy Organisation on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 21, p. 49).

• 1977 Agreement with Denmark on Construction of Nuclear Installations in Border Areas (NLB 22, p. 34).

• 1977 Agreement with the United States on Co-operation in the Field of Gas-cooled Reactors. 1987 Extensions (NLB 41, p. 44).

• 1977 Memorandum of Understanding with the Netherlands on Nuclear Installations in Border Areas (NLB 22, p. 35).


• 1978 Agreement with Switzerland on Radiation Protection in Case of Emergency (NLB 22, p. 36; NLB 23, p. 54). The text of the Agreement is reproduced in NLB 22, p. 51. 1986 Exchange of Notes (NLB 42, p. 50).


• 1978 Agreement with France and Japan on Fast Breeder Reactors (NLB 23, p. 52).


• 1978 Agreement with Spain on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 23, p. 53).


• 1979 Agreement with the United Kingdom on Exchange of Information on the Safety of Nuclear Installations (NLB 24, p. 31).

• 1980 Agreement with Belgium on Mutual Emergency Assistance (NLB 31, p. 28; NLB 33, p. 33).


• 1981 Agreement with Egypt on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 31, p. 29).
• 1982 Agreement with Switzerland on Construction and Operation of Nuclear Installations in Border Areas (NLB 31, p. 30; NLB 33, p. 34).
• 1984 Agreement with the People's Republic of China on Co-operation in the Field of Peaceful Uses of Nuclear Energy (NLB 34, p. 43).
• 1984 Agreement with Switzerland on Mutual Emergency Assistance (NLB 39, p. 38).
• 1986 Agreement with Switzerland on Third Party Liability in the Nuclear Field (NLB 39, p. 38; NLB 42, p. 51). The text of the Agreement is reproduced in NLB 39, p. 51.
• 1986 Agreement with the Republic of Korea on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 38, p. 56).
• 1987 Agreement with the USSR on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 40, p. 45).
• 1987 Agreement between the Federal Republic of Germany and the German Democratic Republic on Radiation Protection (NLB 40, p. 44; NLB 41, p. 44).
• 1987 Agreement with Denmark on Exchange of Information and Notification in the Context of Nuclear Facilities (NLB 41, p. 43).
• 1987 Agreement with Denmark on Nuclear Safety and Radiation Protection (NLB 43, p. 91).
• 1988 Agreement with Austria on Mutual Assistance in the Event of Catastrophes or Serious Accidents (NLB 51, p. 84).
• 1989 Joint Declaration with the United Kingdom on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 44, p. 61).
• 1989 Agreement with Poland for Co-operation on Research in the Nuclear Field (NLB 46, p. 87).
• 1990 Agreement with France on Reprocessing Spent Fuel Elements from German Nuclear Power Plants at La Hague (NLB 46, p. 85).
• 1990 Agreement with Czechoslovakia in the Field of Nuclear Safety and Radiation Protection (NLB 46, p. 85).
• 1990 Agreement with Czechoslovakia on Scientific and Technical Co-operation (NLB 47, p. 70).
• 1990 Agreement with Hungary on Early Notification of a Nuclear Accident (NLB 47, p. 72).
• 1990 Agreement with Sweden on Early Notification of a Nuclear Accident (NLB 47, p. 73).
• 1991 Memorandum of Understanding with Canada on Nuclear Safety and Radiation Protection (NLB 48, p. 61).
• 1991 Termination of Agreements concluded by the ex-GDR (NLB 49, p. 73).
• 1991 Agreement with the USSR on Termination of the Activities of the Wismut Company (NLB 49, p. 73).
• 1992 Arrangement with China on Co-operation in the Field of Nuclear Safety and Radiation Protection (NLB 51, p. 85; NLB 52, p. 77).
• 1992 Agreement with the Russian Federation in the Field of Environmental Protection (NLB 51, p. 86).
• 1992 Agreement with Finland on Early Notification and Information Exchange (NLB 52, p. 78).
• 1992 and 1993 Agreements with Albania, Latvia and Lithuania on Environmental Protection (NLB 52, p. 80).
• 1993 Agreement with Bulgaria on Nuclear Safety and Radiation Protection (NLB 52, p. 77; NLB 54, p. 65).
• 1993 Agreement with Ukraine in Nuclear Safety and Radiation Protection (NLB 54, p. 66).
• 1994 Agreement with Austria on Radiation Protection (NLB 57, p. 86).
• 1995 Agreement with the United States on Reactor Safety R & D (NLB 59, p. 67).
• 1996 Agreement with Lithuania on Mutual Assistance in the Case of a Disaster (NLB 57, p. 91).
• 1998 Agreement with Hungary on Mutual Assistance in the Event of Catastrophe or Severe Accident (NLB 65, p. 61).
• 1998 Agreement with Romania on Co-operation and Information Exchange in the Field of Nuclear Safety (NLB 65, p. 62).
• 1999 Agreement with the Czech Republic for the Exchange of Information in the Nuclear Energy Field (NLB 64, p. 69).
• 2003 Agreements with the Russian Federation on the Elimination and Disposal of Nuclear Weapons (NLB 73, p. 105).
• 2003 Agreement with the Russian Federation Concerning Co-operation and Exchange of Information and Experience in the Field of Nuclear Safety and Radiation Protection (NLB 74, p. 79).

Ghana

Legislative and regulatory activities

Nuclear safety and radiological protection (including nuclear emergency planning)
• 1993 Radiation Protection Instrument (NLB 52, p. 55).

Organisation and structure
• 2000 Atomic Energy Commission Act (NLB 74, p. 49).

Greece

Legislative and regulatory activities

General legislation, regulations and instruments
• Implementation of European Directives in 1996-97 (NLB 59, p. 50).
**Liability and compensation**

- 1969 Decree-Law concerning the Ratification of the Paris Convention (NLB 5, p. 10; NLB 6, p. 11).

**Nuclear installations**

- 1971 Decree-Law concerning the Conditions for Construction and Operation of Nuclear Installations (NLB 8, p. 8). The text of the Decree-Law is reproduced in NLB 8, p. 36.
- 1978 Decree fixing the Requirements and Procedures for Granting a Site Licence for a Nuclear Power Plant (NLB 22, p. 10).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1972 Regulations on Radiation Protection in the Medical Field (NLB 10, p. 11).
- 1974 Decree on Protection against the Hazards of Ionising Radiation (NLB 11, p. 15; NLB 15, p. 9).
- 2012 Ministerial decision No. P/112/305 establishing requirements for nuclear safety and regulatory control of research reactors (NLB 91, p. 122).
- 2018 Transposition of the Euratom Basic Safety Standards (NLB 102, p. 91).

**Organisation and structure**

- 1979 Decree establishing an Institute of Radiation Physics (NLB 27, p. 9).
- 1985 Act on Development of Scientific and Technological Research (NLB 37, p. 18). Extracts of the Act relevant to nuclear activities are reproduced in NLB 37, p. 48.
- 2015 Law re-establishing the regulatory authority in radiation protection and nuclear safety (NLB 95, p. 72).

**Radioactive waste management**


• 2015 Joint Ministerial Decision establishing the national policy on the management of spent fuel and radioactive waste (NLB 96, p. 83).


Agreements

• 1995 Agreement with Romania on Early Notification of Nuclear Accidents and Exchange of Information (NLB 55, p. 54).

• 1997 Agreement with Romania on Early Notification and Information on Nuclear Facilities (NLB 61, p. 100).

• 1997 Agreement with Argentina on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 61, p. 95).


• 2012 Law 4085 ratifying the agreement between the IAEA and Greece in the area of education and training (NLB 91, p. 121).

Hong Kong, China

Legislative and regulatory activities

Liability and compensation

• 1999 Ordinance to bring Various Laws into Conformity with the Basic Law and with the Status of Hong Kong (NLB 65, p. 33).

Nuclear safety and radiological protection (including nuclear emergency planning)

• 1995 Regulation on Ionising Radiation (NLB 57, p. 79).
Hungary

Legislative and regulatory activities

Environmental protection

- 2001 Decree on Environmental Impact Assessment (NLB 70, p. 46).
- 2001 Order on Radioactive Releases into the Air and into Water in Connection with the Use of Atomic Energy (NLB 70, p. 46).
- 2006 Amendment of the Order on Radioactive Releases into the Air and Water in Connection with the Use of Atomic Energy (NLB 77, p. 56).

General legislation, regulations and instruments


Nuclear installations

- 1993 Decree on the Safety of Nuclear Power Plants (NLB 52, p. 56).

Nuclear safety and radiological protection (including nuclear emergency planning)

- 1988 Ordinance on Radiation Protection (NLB 45, p. 54).
- 2000 Decree Laying Down Basic Standards on Radiation Protection (NLB 69, p. 77).
- 2001 Order on the Operational Radiation Protection of Outside Workers (NLB 70, p. 45).
- 2011 Governmental Decree on the nuclear safety requirements for nuclear facilities and the procedures of the Hungarian Atomic Energy Authority (HAEA) in nuclear safety regulatory matters (NLB 89, p. 122).

Nuclear trade (including non-proliferation)

- 1993 Decree on Registration and Safeguards for Nuclear Materials (NLB 52, p. 57).
- 2005 Amendment of the Decree on International Trade of Nuclear Dual-use Items (NLB 77, p. 57).
Nuclear security

- 2013 MVM Paks Nuclear Power Plant drug and alcohol policy (NLB 93, p. 105).

Organisation and structure

- 2003 Decree on the Scope of Duties, Authority and Competence to Impose Penalties of the HAEA, and on the Activities of the Atomic Energy Co-ordination Council (NLB 72, p. 50).
- 2005 Decree on the Procedures of the Hungarian Atomic Energy Authority in Nuclear Safety Regulatory (NLB 76, p. 77)
- 2013 New competences added to HAEA’s work (NLB 93, p. 105).

Radioactive materials (including physical protection)

- 1993 Decree on Registration of Radioactive Materials (NLB 52, p. 57).

Radioactive waste management

- 2002 Decree on the Licensing of Shipments of Radioactive Waste across the National Border (NLB 70, p. 46).

Transport of radioactive materials


Case law

- 1998 Appeal Court Decision concerning Chernobyl-related Damage (NLB 61, p. 58).

Agreements

- 1987 Agreement with Austria on Questions of Mutual Interest relating to Nuclear Installations (NLB 42, p. 49).
- 1988 Agreement with Canada on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 42, p. 50). The text of the Agreement is reproduced in NLB 42, p. 60.
  1989 Administrative Arrangement (NLB 44, p. 58).
• 1990 Agreement with Czechoslovakia on Exchange of Information on Nuclear Safety and Radiation Protection (NLB 47, p. 70).
• 1990 Agreement with Germany on Early Notification of a Nuclear Accident (NLB 47, p. 72).
• 1991 Agreement with the United States for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 49, p. 74).
• 1991 Agreement with the European Communities on Establishment of an Association for Assistance in the Nuclear Field (NLB 52, p. 81).
• 1995 Agreement with Slovenia on Early Notification of Radiological Emergencies (NLB 57, p. 92).
• 1997 Agreement with Ukraine on Early Notification and Co-operation in the field of Nuclear Safety (NLB 61, p. 101).
• 1998 Agreement with Germany on Mutual Assistance in the Event of Catastrophe or Severe Accident (NLB 65, p. 61).
• 2001 Agreement with Australia on Co-operation in the Peaceful Uses of Nuclear Energy and the Transfer of Nuclear Material (NLB 68, p. 78).

Iceland

Legislative and regulatory activities

Nuclear safety and radiological protection (including nuclear emergency planning)


• 2003 Regulations in the Field of Radiation Protection (NLB 79, p. 64).

Agreements

• 2009 Agreement with the United States on co-operation to improve efforts to counter nuclear and radiological terrorism and promote international nuclear and environmental safety and security (NLB 84, p. 193).
India

Legislative and regulatory activities

Food irradiation

- 1990 Regulations on Control of Irradiation of Food (NLB 49, p. 55).

Liability and compensation

- 2010 Civil Nuclear Liability Act (NLB 86, p. 78).
- 2011 proposed amendment to CLND Rules (NLB 90, p. 120).
- 2016 Nuclear Liability Fund Rules, 2015 (NLB 97, p. 84).

Nuclear trade (including non-proliferation)

- 2005 Weapons of Mass Destruction Act (NLB 77, p. 57)

Licensing and regulatory infrastructure

- 2012 pending invitation for IAEA peer review (NLB 90, p. 119).

Organisation and structure

- 2011 The Nuclear Safety Regulatory Authority Bill (NLB 88, p. 83).

Case Law

- 2012 Decision of the High Court of Judicature at Madras allowing the Nuclear Power Corporation of India to move forward with the commissioning of the Kudankulam Nuclear Power Project (KKNPP) units 1 and 2 (NLB 90, p. 103).
- 2012 Dismissal of writ petitions 24770, 22771, 8262, 13987, 14054, 14172, 1823, 2485 regarding the KKNPP units 1 and 2: G. Sundarrajan V. Union of India and Others (NLB 90, p. 104) and Writ petition No. 22253 (NLB 90, p. 106).
- 2012 The Supreme Court of India considers challenge related to the nuclear liability rules applicable to the KKNPP and related matters under the Civil Liability for Nuclear Damage Act of 2010 (NLB 90, p. 107).
• 2013 Ruling from India's Supreme Court in a public interest litigation regarding Kudankulam nuclear power plant (NLB 91, p. 107).

• 2015 Judgment of the High Court of Kerala in a public interest litigation challenging the constitutional validity of the Civil Liability for Nuclear Damage Act, 2010 (NLB 96, p. 69).

**Agreements**

• 1971 Co-operation Agreement with the Federal Republic of Germany on the Peaceful Use of Nuclear Energy (NLB 11, p. 36).

• 1974 Agreement with Argentina on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 31, p. 28).


• 1996 Memorandum of Agreement with Brazil on Co-operation in the Field of Nuclear Energy (NLB 57, p. 86).

• 2007 Agreement for Cooperation between the Government of the United States of America and the Government of India Concerning Peaceful Uses of Nuclear Energy (NLB 82, p. 41).

• 2008 Agreement with France on civil nuclear co-operation (NLB 82, p. 199).

• 2008 Agreement with the Russian Federation on civil nuclear co-operation in the construction of additional units at Kudankulam as well as in the construction of Russian-designed nuclear plants at new sites in India (NLB 82, p. 200).

• 2009 Memorandum of understanding with Kazakhstan on co-operation in civil nuclear energy (NLB 83, p. 141).

• 2009 Agreement with the Russian Federation on civil nuclear co-operation (NLB 83, p. 141).

• 2009 Agreement on the development, promotion of nuclear energy and co-operation in civil nuclear energy projects (NLB 84, p. 193).

• 2010 Agreement with Canada on civilian nuclear co-operation (NLB 85, p. 151).

• 2010 Agreement with the Russian Federation to increase civilian nuclear energy co-operation (NLB 85, p. 151).

• 2010 Agreement with the United Kingdom on civilian nuclear co-operation (NLB 85, p. 151).

• 2010 Agreement with the Russian Federation on the construction of nuclear reactors in India (NLB 85, p. 151).

• 2010 Agreement with the United States on the reprocessing of nuclear material (NLB 86, p. 94).
Indonesia

Legislative and regulatory activities

**Environmental protection**

**General legislation, regulations and instruments**

**Liability and compensation**
- 1997 Act on Nuclear Energy (NLB 61, p. 77).

**Nuclear installations**
- 1972 Setting up of a Preparatory Committee for Nuclear Power Station Construction (NLB 10, p. 21).
- 1976 Decree on Site Evaluation for Nuclear Power Plants (NLB 21, p. 12).
- 1993 Draft Regulation for Construction and Operation of Nuclear Reactors (NLB 52, p. 58).
- 2006 Decree on Nuclear Reactor Licensing (NLB 79, p. 65).

**Nuclear safety and radiological protection (including nuclear emergency planning)**
- 1975 Regulation on Protection of Workers against Radiation (NLB 6, p. 11; NLB 8, p. 9; NLB 21, p. 11).
- 1993 Regulation on Permits for Irradiator Workers (NLB 52, p. 57).
- 2008 Regulation on licensing of uses of ionizing radiation sources and nuclear materials (NLB 82, p. 123).

**Nuclear security**

**Organisation and structure**
- 1973 Establishment of a Ministry of State for Research (NLB 12, p. 18).
- 1998 Decree on the National Energy Control Board (NLB 63, p. 74).
• 1998 Decree on the National Nuclear Energy Agency (NLB 63, p. 74).

Radioactive materials (including physical protection)
• 1975 Regulation on Licensing of the Use of Radioactive Material and other Radiation Sources (NLB 6, p. 11; NLB 8, p. 9; NLB 21, p. 12).
• 1976 Decree on Exemption from Licences for Low-Level Radioactive Material (NLB 21, p. 13).

Radioactive waste management

Transport of radioactive materials

Administrative decisions
• 1972 Decision to set up a Preparatory Committee for Nuclear Power Station Construction. (NLB 10, p. 21).
• 1973 Establishment of a Ministry of State for Research (NLB 12, p. 18).

Agreements
• 1990 Agreement with Argentina on Peaceful Nuclear Co-operation (NLB 53, p. 107).
• 1997 Agreement with Australia on Co-operation in Nuclear Science and Technology (NLB 61, p. 97).
• 2000 Memorandum of Agreement with the United Kingdom concerning Co-operation in R & D, Production and Marketing of Radioisotopes for Medical or other Use (NLB 65, p. 62).
• 2001 Memorandum of Understanding for an Arrangement with Australia concerning Co-operation on Nuclear Safeguards and Related Matters (NLB 68, p. 78).
Iran

Legislative and regulatory activities

Organisation and structure


Agreements


Ireland

Legislative and regulatory activities

Environmental protection

• 1996 Dumping at Sea Act (NLB 59, p. 53).

Food irradiation

• 2000 European Communities (Foodstuffs Treated with Ionising Radiation) Regulations (NLB 67, p. 37).

General legislation, regulations and instruments

• 2011 Control of Exports (Brokering Activities) Order (NLB 88, p. 86).
• 2014 Adoption of European Union’s directive on waste electrical and electronic equipment (NLB 94, p. 126).

Nuclear safety and radiological protection (including nuclear emergency planning)

• 1972 Factories Ionising Radiations (Sealed Sources) Regulations (NLB 4, p. 9; NLB 9, p. 19).
• 1972 Factories Ionising Radiations (Unsealed Radioactive Substances) Regulations (NLB 13, p. 8).
• 1988 European Communities (Medical Ionising Radiation) Regulations (NLB 43, p. 70).

- 1998 European Community (Radiological and Nuclear Medicine Installations) Regulations (NLB 62, p. 65).
- 2000 European Communities (Drinking Water) Regulations (NLB 69, p. 78).
- 2010 Order to amend Regulations on Active Implantable Medical Devices (NLB 85, p. 106).
- 2010 Amendment to Medical Devices Regulations (NLB 85, p. 107).
- 2016 European Union Environmental Objectives (Surface Waters) (Amendment) Regulations 2015 (NLB 97, p. 84).
- 2016 European Union (Drinking Water) Regulations 2014 (NLB 97, p. 85).

**Nuclear trade (including non-proliferation)**


**Organisation and structure**

- 1971 Act establishing a Nuclear Energy Board (NLB 5, p. 11; NLB 7, p. 12; NLB 8, p. 9; NLB 13, p. 8). The text of the Act is reproduced in NLB 8, p. 39. Board dissolved by the 1991 Radiological Protection Act (NLB 45, p. 55; NLB 48, p. 45).

- 2012 Establishment of the Radiological Protection Institute of Ireland (NLB 90, p. 122).

**Radioactive materials (including physical protection)**

- 1977 Nuclear Energy (General Control of Fissile Fuels, Radioactive Substances and Irradiating Apparatus) Order (NLB 20, p. 10). Repealed and replaced by 1993 Order (NLB 55, p. 31).


**Radioactive waste management**

Transport of radioactive materials

- 1996 Harbours Act, restricting access of nuclear-powered ships or ships carrying nuclear weapons or nuclear materials (NLB 58, p. 91).
- 2010 Merchant Shipping Act (NLB 87, p. 97).
- 2013 Adoption of European Communities (Carriage of Dangerous Goods by Road and Use of Transportable Pressure Equipment) (Amendment) Regulations (NLB 92, p. 106).

Case law


Israel

Legislative and regulatory activities

Food irradiation

- 1967 Regulations concerning the Preservation of Foodstuffs by Radiation (NLB 7, p. 13).

Nuclear installations

- 1975 Supervision of Supplies and Services (Construction and Operation of Nuclear Reactors) Order and Declaration (NLB 15, p. 10).

Nuclear safety and radiological protection (including nuclear emergency planning)

- 1979 Employment of Women Regulations (Work Involving Ionising Radiation) (NLB 27, p. 9).
- 2005 Amendment to the Pharmacists’ Regulations (Radioactive Elements and Their Products) (NLB 76, p. 78).

Nuclear trade (including non-proliferation)

- 2004 Import and Export Order (Control of Chemical, Biological and Nuclear Exports) (NLB 76, p. 78).
Radioactive materials (including physical protection)

- 1979 Pharmacists Regulations (Radioactive Elements and Products Thereof) (NLB 27, p. 10).

Agreements


Italy

Legislative and regulatory activities

Environmental protection

- 1978 Directives on Sea Dumping (NLB 22, p. 12).
- 1987 Circular concerning Controls over Environmental Radioactivity (NLB 39, p. 18).
- 2007 Amendment to the Environmental Law Decree (NLB 80, p. 74)

Food irradiation

- 1973 Decree authorising the Preservation of Potatoes, Onions and Garlic by means of Gamma Radiation (NLB 12, p. 9).

General legislation, regulations and instruments

- 1989 Act on Italy’s Participation in the European Communities’ Regulatory Process and on Procedures for Implementing the relevant Obligations (NLB 43, p. 71).
• 2008 Implementing law on urgent provisions for economic development etc. (NLB 82, p. 124).

• 2009 Law No. 99 of 23 July 2009 including provisions on the resurgence of nuclear energy (NLB 84, p. 135).

• 2010 Decree setting out rules for the siting, construction and operation of nuclear installations (NLB 85, p. 107).

**Liability and compensation**

• 1962 Act on the Peaceful Uses of Nuclear Energy (see under “General legislation, regulations and instruments” supra).

• 1974 Act Approving the Ratification of the Paris Convention and the Brussels Supplementary Convention (NLB 13, p. 35).


• 1978 Decree approving the General Conditions of Nuclear Third Party Liability Insurance Policies (NLB 21, p. 16).

• 1979 Decree on Exclusion of Certain Categories of Nuclear Substances (NLB 23, p. 22).

**Nuclear installations**

• 1970 Decree on Qualifications Required for the Technical Operation of Nuclear Installations, and 1973 Supplementary Decree (NLB 8, p. 10; NLB 15, p. 12).


• 1976 Act on Military Easements (NLB 20, p. 12).

• 1977 Decree subjecting Certain Nuclear Installations to Section 55 of 1964 Decree (NLB 20, p. 12).

• 1978 Decree on the Exclusion of Nuclear Installations from Application of the Requirements on Combustion Control (NLB 21, p. 16).


• 2003 Ordinance on Urgent Measures for the Disposal of Radioactive Materials and in Relation to the Decommissioning of Nuclear Facilities (NLB 71, p. 70).
• 2004 Decree on the Nuclear Installation Management Company SOGIN (NLB 75, p. 116).

**Nuclear safety and radiological protection (including nuclear emergency planning)**


• 1968 Decree fixing the Maximum Permissible Doses for the Protection of Workers against Ionising Radiation (NLB 2, p. 18).

• 1970 Act relating to Technicians in Medical Radiology (NLB 8, p. 12).

• 1972 and 1974 Decrees on the Conditions for Establishing the Lists of Approved Experts and Authorised Doctors in Charge of the Surveillance of Radiation Protection (NLB 12, p. 8; NLB 13, p. 9).

• 1973 Decree on Compulsory Insurance of Medical Staff against the Hazards of Ionising Radiation (NLB 15, p. 11).

• 1975 Decree amending the List of Occupational Diseases in Industry and Agriculture Requiring Compulsory Insurance (NLB 17, p. 13).


• 1976 Decree on the Welfare of Working Mothers (NLB 19, p. 7).

• 1977 Decree on Levels of Contamination of Air, Water and Soil, Food and Drinking Water (NLB 20, p. 12).

• 1977 Circular on Medical Uses of Ionising Radiation (NLB 21, p. 15).

• 1978 Decree on Examinations for Qualified Experts and Approved Physicians in Radiation Protection (NLB 22, p. 11).

• 1978 Decree on Safety and Health Protection of Workers in the Mining Industry against Ionising Radiation (NLB 23, p. 22).

• 1981 Decree on Aid and Assistance for Populations Involved in Catastrophes (NLB 27, p. 11).

• 1981 Decree on the Qualifications of Experts and Medical Practitioners for Radiation Protection Surveillance (NLB 28, p. 21).


• 1983 Act to Amend Regulations governing the Activities of Technicians in Medical Radiology (NLB 31, p. 9).

• 1983 Circular on Nuclear Emergencies (NLB 32, p. 10).

• 1983 Bill on Revision of Radiation Protection Legislation (NLB 33, p. 13).

• 1984 Circular on Radiation Protection of Patients in Radiology and Nuclear Medicine (NLB 34, p. 19).
• 1990 Act providing for the implementation of the Community Directives regarding health and the protection of workers (NLB 46, p. 69).

• 1990 Decree on Physical and Medical Surveillance of Exposed Workers (NLB 49, p. 55).

• 1992 Community Directive on Informing the General Public In the Event of a Radiological Emergency (NLB 49, p. 56).

• 1995 Decree relating to the Protection of Workers and the Public against Ionising Radiation (NLB 56, p. 82). The text of the Decree is reproduced in the *Supplement to NLB 58. 2002 Amendment* (NLB 69, p. 61). 1997 Implementing Decrees (NLB 59, p. 54).

• 1997 Decrees on the criteria for acceptance of radiological equipment used for medical purposes, on quality control measures and on the training of medical staff in the use of ionising radiation in medicine (NLB 59, p. 54). 1998 Amendments (NLB 62, p. 66).

• 1997 Decrees relating to Medical Application of Ionising Radiation (NLB 60, p. 87).


• 2008 Decree designating a working group to identify the procedures and methodology for establishing a centre for technological services and research (NLB 81, p. 106).

**Nuclear security**


**Nuclear-powered ships**

• 1971 Bill on implementation of the 1964 Agreement with the United States concerning N.S. Savannah (NLB 7, p. 14).

• 1972 Decree approving Regulations on the Safety of Navigation and of Life at Sea (NLB 13, p. 9).

**Organisation and structure**

• 1971 Act concerning the Reorganisation of the Comitato Nazionale per l’Energia Nucleare (CNEN) (NLB 1, p. 15; NLB 2, p. 19; NLB 9, p. 20). The text of the Act is reproduced in *NLB 9, p. 37*. Amendment by 1982 Act creating the National Committee for Research and Development of Nuclear and Alternative Energies

- 1978 Act setting up a Consolidated National Health Service (NLB 23, p. 21).
- 1979 Decree setting up an Inter-ministerial Committee on Physical Protection of Nuclear Material (NLB 25, p. 18).
- 1980 Decree concerning the Higher Institute for Safety at Work (NLB 27, p. 10).
- 1983 Bill on the creation of a National Civil Protection Service (NLB 33, p. 13).
- 1986 Act setting up the Ministry for the Environment (NLB 38, p. 23).
- 1986 Decree setting up a Commission to Study Problems arising from Emergency Situations (NLB 38, p. 23).
- 1994 Act setting up the National Environmental Protection Agency (NLB 53, p. 83).
- 2003 Decree on the Organisational Statute of the ENEA (NLB 72, p. 51).

Radioactive materials (including physical protection)

- 1967 Decree on Radioactive Materials subject to Declaration and Authorisation (NLB 1, p. 14).
- 1974 Decree on the Licensing of Radioisotopes (NLB 15, p. 12).
- 1977 Circular concerning the Use of Lightning Conductors (NLB 20, p. 13).
- 1982 Decree on Conditions for Possession of Special Fissile Materials and Source Materials (NLB 31, p. 10).
• 2003 Ordinance on Urgent Measures for the Disposal of Radioactive Materials and in Relation to the Decommissioning of Nuclear Facilities (NLB 71, p. 70).

**Radioactive waste management**


• 2003 Decrees on Radioactive Waste Management (NLB 73, p. 87). Extension of their validity by the 2004 and 2005 Ordinances on Radioactive Waste Management (NLB 74, p. 52; NLB 75, p. 117).

• 2004 Act Restructuring the Energy Sector (NLB 74, p. 51).

**Transport of radioactive materials**

• 1967 Decree prescribing that the Occasional Transport of Certain Radioactive Materials is Exempted from Licensing (NLB 1, p. 14).

• 1979 Decree bringing into force Amendments to Annexes A and B of the European Agreement concerning the International Carriage of Dangerous Goods by Road (NLB 25, p. 43).


• 1993 Circular on Shipments of Radioactive Substances within the European Union (NLB 53, p. 84).

**Case law**

• 1974 Case on the unconstitutionality of the 1962 Act on the Peaceful Uses of Nuclear Energy (NLB 15, p. 28).

• 1974 Case on possession of radioactive materials by military establishments (NLB 17, p. 21).

• 1979 Decision of the Supreme Court on the siting of nuclear power plants (NLB 24, p. 22).


• 1981 Constitutional Court Decision opposing a referendum on legislation concerning site selection for nuclear power plants (NLB 27, p. 21).

• 1986 Repeal of an Ordinance of the Regional Court of Piedmont concerning the nuclear power plant at Trino Vercellese (NLB 39, p. 27).

• 1987 Constitutional Court decision on the national referenda on nuclear issues (NLB 39, p. 28; NLB 40, p. 99).

Agreements

- 1968 Agreement with the IAEA concerning the Seat of the International Centre for Theoretical Physics in Trieste. 1983 Amendment (NLB 37, p. 45).
- 1989 Agreement with Switzerland on Exchange of Information on Nuclear Installations (NLB 45, p. 83).
- 1989 Memorandum of Co-operation with the USSR on Controlled Thermonuclear Fusion Research (NLB 45, p. 83).
- 2009 Agreement with France on co-operation in the field of nuclear energy (NLB 83, p. 141).
- 2009 Memorandum with Japan to co-operate in nuclear power development (NLB 83, p. 141).
- 2009 Joint Declaration with the United States on Nuclear Co-operation in civilian nuclear energy research and development covering areas of advanced nuclear energy systems and associated fuel cycle technologies. (NLB 84, p. 193).
- 2010 Agreement with the Russian Federation on a joint study on nuclear fusion (NLB 85, p. 151).
- 2010 Agreement with the Russian Federation on co-operation in the nuclear sector (NLB 85, p. 151).

Japan

Legislative and regulatory activities

Environmental protection

- 1997 Environmental Impact Law (NLB 60, p. 87).

General legislation, regulations and instruments

- 1957 Law for the Regulation of Nuclear Source Material, Nuclear Fuel Material and Nuclear Reactors (NLB 11, p. 17). Successive Amendments (NLB 22, p. 13; NLB 24, p. 11; NLB 25, p. 19; NLB 38, p. 23; NLB 43, p. 72; NLB 56, p. 88; NLB 64, p. 56; NLB 65, p. 44; NLB 71, p. 70).
• 1973 Applicable laws for licensing of nuclear activities (NLB 11, p. 17).
• 1984 and 1990 Reviews of nuclear legislation (NLB 34, p. 19; NLB 45, p. 57).
• 2002 Amendment of the Electric Utilities Industry Law (NLB 71, p. 70).

**Liability and compensation**


• 1978 Safety and Fishery Compensation Agreements for the Onawaga Nuclear Power Plant (NLB 23, p. 23).

• 2009 Act to amend the Nuclear Damage Compensation Law and the Law on Nuclear Liability Indemnification Contracts (NLB 83, p. 102).

• 2015 Act on the Partial Amendment of the Act on Compensation for Nuclear Damage and the Government Indemnity Agreement Act (NLB 95, p. 75).

• 2015 Act on Subsidisation etc. of Nuclear Damage Compensation for Enforcement of the Convention on Supplementary Compensation for Nuclear Damage (NLB 95, p. 76).

**Nuclear installations**


• 1974 Law on Electric Power Resources Development (NLB 11, p. 20; NLB 14, p. 23).


• 1991 Safety Guides for Research Reactors (NLB 50, p. 65).

Nuclear safety and radiological protection (including nuclear emergency planning)

- 2012 the Act for Establishment of a Nuclear Regulation Authority includes several new requirements regarding nuclear safety and establishes the Nuclear Emergency Preparedness Commission (NEPC) (NLB 90, p. 124). The text of the Act is reproduced in NLB 90, p. 217.

Organisation and structure

- 1999 Transfer of the Nuclear Safety Commission to the Prime Minister’s Office (NLB 65, p. 44).
- 2000 Approval for the establishment of the Nuclear Waste Management Organisation (NLB 66, p. 43).
- 2001 Governmental Decision to merge JAERI and JNC (NLB 69, p. 79).
- 2012 The Act for Establishment of a Nuclear Regulation Authority (NLB 90, p. 122).
Radioactive materials (including physical protection)


Radioactive waste management

- 2007 Amendment to the Law on Final Disposal of High-level Radioactive Waste (NLB 80, p. 75).

Transport of radioactive materials

- 1990 Amendment of Transport Regulations (NLB 50, p. 65).

Case law

- 1984 and 1990 Court Decisions on the Fukushima II-1 nuclear power station (NLB 34, p. 28; NLB 45, p. 34).
- 1992 Decision of the Supreme Court on the Monju-Prototype FBR and the Daka-1 and Fukushima II-1 nuclear power plants (NLB 52, p. 38).
- 1999 Decision rejecting an application to close down Tomari nuclear power plant (NLB 64, p. 43).
- 2000 Decision rejecting claims calling for permanent closure of the Monju reactor (NLB 65, p. 22).
- 2000 Decision of the Matsuyama Lower Court on construction of an additional unit at the Ikata NPP (NLB 67, p. 27).
- 2000 Supreme Court decisions rejecting applications to close down Shika and Onagawa NPPs (NLB 67, p. 28).
- 2003 Judgment of the Nagoya High Court on the invalidity of the licence to establish the Monju reactor (NLB 71, p. 42).
- 2003 Judgment of the Mito District Court issuing penalties in respect of the Tokai-mura accident (NLB 71, p. 43).
- 2005 Judgment of the Japanese Supreme Court Confirming the Validity of the Licence to Establish the Monju Reactor (NLB 76, p. 68).
- 2006 Judgment of Kanazawa District Court Ordering Closure of Shika Plant (NLB 77, p. 43).
- 2015 District court decisions on lawsuits related to the restart of Sendai NPP and Takahama NPP (NLB 96, p. 71).
• 2017 District court decisions on lawsuits related to state liability following the Fukushima Daiichi nuclear power plant accident (NLB 100, p. 87).

• 2018 Decision by the Hiroshima High Court on appeal regarding the operation of the Ikata nuclear power plant (NLB 102, p. 82).

• 2019 Update on lawsuits related to the government responsibility following the Fukushima Daiichi nuclear power plant accident (NLB 103, p. 47).

• 2020 Update on the situation regarding preliminary injunctions against nuclear power plant operations since the Fukushima Daiichi nuclear power plant accident (NLB 104, p. 10).

• 2020 Request for injunction against prior consent to restart nuclear power plant (NLB 105, p. 88).

• 2020 Report on the first appellate court ruling that deemed the state responsible for the Fukushima Daiichi nuclear power accident (NLB 106, p. 25).

• 2021 Injunction against nuclear power plant operation based on inadequate evacuation plans (Tokai-2) (NLB 107, p. 51).

• 2021 Prosecution on charges of professional negligence resulting in death and injury for the former TEPCO executives (NLB 107, p. 55).

Administrative decisions

• 1997 Report on Power Reactors and Nuclear Fuel Development Corporation (NLB 60, p. 70).

Agreements


• 1976 Agreements with the United States relating to Japanese Participation in Reactor Safety Research (NLB 17, p. 28).

• 1977 Agreement with the United States on Reprocessing Nuclear Material of US Origin (NLB 21, p. 50).


• 1982, 1983 and 1984 Agreements between the Japan Power Reactor and Nuclear Fuel Development Corporation (PNC) and the US Department of Energy (DOE) in the field of liquid metal fast breeder reactors (NLB 30, p. 39; NLB 33, p. 36).
• 1985 Agreement with the People’s Republic of China on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 36, p. 41).
• 1987 Agreement with the United States on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 40, p. 46).
• 1990 Arrangement with the Republic of Korea for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 46, p. 87).
• 1990 Agreement with Mexico on Co-operation in the Peaceful Uses of Nuclear Science and Technology (NLB 47, p. 73).
• 1991 Agreement with France for Co-operation on Advanced Nuclear Technologies (NLB 48, p. 65).
• 1992 Memorandum with the Republic of Korea on Information Exchange on Public Acceptance (NLB 50, p. 79).
• 1993 Agreement with France on Co-operation on Nuclear Safety (NLB 52, p. 78).
• 1994 Agreement with France on Co-operation on Radioactive Waste (NLB 54, p. 66).
• 1998 Agreement with the United Kingdom for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 63, p. 87).
• 1999 Co-operation Agreement with France on the Management and Disposal of Radioactive Waste (NLB 64, p. 70).
• 2000 Agreement with the United States in the Field of Nuclear Technologies (NLB 67, p. 63).
• 2001 Co-operation Agreement with the United Kingdom on Advanced Nuclear Fuel Cycle, Fast Breeder Reactor and Other Related Technologies (NLB 68, p. 81).
• 2008 Agreement with Kazakhstan for bilateral co-operation, including nuclear energy activities (NLB 82, p. 199).
• 2008 Agreement with Kazakhstan to increase co-operation in uranium mining and nuclear energy (NLB 82, p. 200).
• 2008 Agreement with Viet Nam to co-operate on preparatory work for the construction of Viet Nam’s first nuclear power plant (NLB 82, p. 200).
• 2009 Agreement with the United Arab Emirates on civil nuclear co-operation (NLB 83, p. 141).
• 2009 Memorandum with Italy to co-operate in nuclear power development (NLB 83, p. 141).
• 2009 Memorandum of co-operation with Jordan on the introduction of nuclear power in Jordan (NLB 83, p. 141).
• 2009 Agreement with the Russian Federation on co-operation in the field of the peaceful use of nuclear energy (NLB 83, p. 141).
• 2010 Agreement with Kazakhstan to co-operate in the peaceful uses of nuclear power (NLB 85, p. 151).
• 2010 Agreement with Jordan to co-operate in the peaceful uses of nuclear power (NLB 86, p. 93).
• 2010 Agreement with Kuwait to co-operate in the peaceful uses of nuclear power (NLB 86, p. 93).
• 2010 Agreement with Malaysia to co-operate in the peaceful uses of nuclear power (NLB 86, p. 93).
• 2010 Agreement with France and the United States on co-operation towards the joint design and development of fast breeder reactors (NLB 86, p. 93).
• 2010 Agreement with the US Nuclear Regulatory Commission on the exchange of technical information (NLB 86, p. 94).

Jordan

Legislative and regulatory activities

Nuclear safety and radiological protection (including nuclear emergency planning)
• 1987 Nuclear Energy and Radiological Protection Act (NLB 54, p. 50).

Agreements

• 2008 Agreement with China for the Purchase of a Sub-critical Assembly (NLB 82, p. 200).
• 2008 Memorandum of Understanding with the United States on the peaceful use of nuclear energy and to work together to develop requirements for appropriate power reactors, fuel service arrangements, civilian training, nuclear safety, energy technology and other related areas (NLB 82, p. 199).
• 2008 Memorandum of Understanding with the United Kingdom to facilitate co-operation in nuclear energy, including desalination of water (NLB 82, p. 199).
• 2008 Agreement with the Republic of Korea for co-operation in the field of the peaceful use of nuclear energy (NLB 82, p. 200).
• 2008 Agreement with China for the purchase of a sub-critical assembly. (NLB 82, p. 200).
• 2009 Memorandum of co-operation with Japan on the introduction of nuclear power in Jordan (NLB 83, p. 141).
• 2009 Agreement with Canada by virtue of which Canada will help Jordan construct a nuclear power plant to generate electricity and desalinate seawater (NLB 83, p. 141).
• 2009 Agreement with the Russian Federation on assistance to Jordan in building power and desalination plants (NLB 83, p. 141).
• 2009 Agreement with Argentina on co-operation in the peaceful uses of nuclear energy (NLB 84, p. 193).
• 2009 Co-operation agreement with the United Kingdom on the peaceful use of nuclear energy (NLB 84, p. 193).
• 2010 Co-operation agreement with Algeria in the fields of energy, nuclear energy, oil and gas, (NLB 85, p. 151).
• 2010 Pact with the United Kingdom on nuclear co-operation (NLB 85, p. 151).
• 2010 Agreement with Japan to co-operate in the peaceful uses of nuclear power (NLB 86, p. 94).

Kazakhstan

Legislative and regulatory activities

General legislation, regulations and instruments
• 1997 Law on the Peaceful Use of Atomic Energy (NLB 59, p. 54).

Nuclear safety and radiological protection (including nuclear emergency planning)
• 1998 Law on Radiation Safety of the Population (NLB 64, p. 58).
• 1999 Requirements for the Quality Assurance Programme on Radiation Safety for Certain Activities connected with the Use of Atomic Energy (NLB 66, p. 44).

Organisation and structure
• 1993 Resolution setting up the Atomic Energy Agency (NLB 55, p. 33).

Radioactive materials (including physical protection)
• 1994 Regulation and Directives on the Physical Protection of Nuclear Materials (NLB 55, p. 33).
Transport of radioactive materials

- 1999 Regulations on the Elimination of Effects of an Accident during the Transportation of Nuclear Materials by Rail and Road (NLB 66, p. 45).

Agreements

- 1997 Agreement with the United States for Co-operation concerning the Peaceful Uses of Nuclear Energy (NLB 66, p. 65).
- 1999 Co-operation Arrangement with the United States Concerning Decommissioning of the BN-350 Reactor (NLB 65, p. 64).
- 2008 Agreement with Japan for bilateral co-operation, including nuclear energy activities (NLB 82, p. 199).
- 2008 Agreement with Japan to increase co-operation in uranium mining and nuclear energy (NLB 82, p. 200).
- 2009 Memorandum of understanding with India on co-operation in civil nuclear energy. (NLB 83, p. 141).
- 2009 Agreement with China to increase co-operation in uranium mining and long-term nuclear cooperation projects (NLB 83, p. 141).
- 2009 Agreement with Canada on co-operation in the peaceful uses of nuclear energy (NLB 84, p. 193).
- 2010 Agreement with Japan to co-operate in the peaceful uses of nuclear power, (NLB 85, p. 151).
- 2010 Memorandum on integration and co-operation, and Joint statement with the Russian Federation on a proposed joint uranium enrichment plant (NLB 86, p. 93).
- 2010 Memorandum of understanding with Belgium on exchange of expertise in civil nuclear research (NLB 86, p. 93).

Kenya

Legislative and regulatory activities

Nuclear safety and radiological protection (including nuclear emergency planning)

- 1984 Radiation Protection Act (NLB 49, p. 56).
Korea

Legislative and regulatory activities

General legislation, regulations and instruments


Liability and compensation

• 1969 Nuclear Damage Compensation Act (NLB 7, p. 20). 1975 and 2001 Amendments (NLB 18, p. 27; NLB 67, p. 38). The text of the revised Act is reproduced in the Supplement to NLB 68.

• 2015 Amendment of Article 3 of the Enforcement Decree of the Nuclear Liability Act: increase of the financial security amount required from operators of nuclear power reactors (NLB 95, p. 77).

• 2015 Amendment of Article 2 of the Enforcement Decree of the Act on Indemnity Agreements for Nuclear Liability: the Korean Government will take over the risks of environmental damages (NLB 95, p.77).

Nuclear installations


Organisation and structure


• 1989 Description of bodies established under the Atomic Energy Act (NLB 47, p. 50).

• 2011 Establishment of the Nuclear Safety and Security Commission (NLB 88, p. 87).

Radioactive materials (including physical protection)

• 1971 Regulations on the Nuclear Installations Licensing System (Treatment of Fissile Materials) (NLB 18, p. 27).

• 2004 Act on Physical Protection and Radiological Emergency (NLB 76, p. 79).

Radioactive waste management

• 2009 Act on Radioactive Waste Management (NLB 83, p. 103).

Administrative decisions

Agreements

- 1990 Arrangement with Japan for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 46, p. 87).
- 1995 Statement of Intent with the Czech Republic on Nuclear Co-operation (NLB 55, p. 53).
- 1996 Memorandum of Understanding with the United States for a Co-operative Laboratory Relationship. 2000 Annex IV Joint Project on Cintichem Technology (NLB 68, p. 82).
- 1996 Co-operation Agreement with the Republic of Viet Nam in Research into the Peaceful Uses of Nuclear Energy (NLB 62, p. 84).
- 1996 Co-operation Agreement with Argentina in the Peaceful Uses of Nuclear Energy (NLB 62, p. 79).
- 2001 Agreement with the Czech Republic for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 68, p. 80).
- 2003 Memorandum of Understanding with Romania on Co-operation in Nuclear Energy Projects (NLB 72, p. 72).
- 2008 Agreement for co-operation in the field of the peaceful use of nuclear energy (NLB 82, p. 200).
- 2010 Protocol agreement with Türkiye to co-operate on the construction of a nuclear plant in Türkiye (NLB 85, p. 151).
- 2010 Agreement with Argentina on civilian nuclear co-operation (NLB 86, p. 93).
- 2010 Memorandum of understanding with Türkiye on co-operation in nuclear energy (NLB 86, p. 93).
- 2010 Agreements with the US Nuclear Regulatory Commission on the exchange of technical information (NLB 86, p. 94).
Kuwait

Legislative and regulatory activities

**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1977 Decree promulgating the Act on the Use of Ionising Radiation and Protection against its Hazards (NLB 22, p. 16).

**Agreements**

- 2010 Agreement with France regarding Co-operation on the Development of Peaceful Nuclear Energy (NLB 85, p. 36).
- 2010 Agreement with Japan regarding Co-operation on the Peaceful Uses of Nuclear Power (NLB 86, p. 93).

Latvia

Legislative and regulatory activities

**Food irradiation**

- 2004 Regulations on Foods and Food Ingredients Treated with Ionising Radiation (NLB 74, p. 53).

**General legislation, regulations and instruments**


**Liability and compensation**

- 2001 Regulations on Minimum Insurance of the Civil Liability of the Nuclear Operator (NLB 69, p. 82).

**Nuclear installations**

Nuclear safety and radiological protection (including nuclear emergency planning)

- 1997 Basic Regulations for Protection against Ionising Radiation (NLB 57, p. 80; NLB 59, p. 56).
- 1998 Regulations on the Control of Radioactive Contamination in Food Products (NLB 62, p. 68).
- 1999 Regulations on the Control of Radioactive Contamination in Animal Feeding Products (NLB 64, p. 58).
- 2001 Regulations on the Procedure for Control and Accounting of Exposure of Workers (NLB 70, p. 49).
- 2001 Regulations on Medical Contraindications for Practices Involving Ionising Radiation Sources (NLB 70, p. 49).
- 2001 Regulations on the Procedure for Packaging and Marking of Ionising Radiation Sources (NLB 70, p. 52).
- 2002 Regulations on Protection against Ionising Radiation (NLB 70, p. 50).
- 2002 Regulations on Protection against Ionising Radiation in Relation to Medical Exposure (NLB 69, p. 81).
- 2002 Regulations on the Procedure for the Dismantling of Ionising Radiation Equipment which does not Contain Radioactive Substances (NLB 70, p. 50).
- 2003 Regulations on the Requirements for Emergency Preparedness and Response (NLB 72, p. 52).
- 2005 Regulations on Radiometric Control of Goods and Vehicles on the State Border (NLB 78, p. 47).
- 2006 Amendment of the 2001 Regulations on the Procedure for the Issue of a Special Permit (Licence) (NLB 78, p. 47).
- 2006 Amendment of the 2001 Regulations on the Procedure for Packaging and Marking of Ionising Radiation Sources (NLB 78, p. 48).
- 2006 Amendment of the 2001 Regulations on Activities Involving Ionising Radiation Sources which Do Not Require a Special Permit (Licence) or Permit (NLB 78, p. 48).

Nuclear trade (including non-proliferation)

Organisation and structure

- 1994 List of competent bodies in the nuclear field (NLB 55, p. 36).
- 2001 Establishment of the Radiation Safety Centre (NLB 69, p. 80).

Radioactive materials (including physical protection)

- 2001 Regulations on Activities involving Ionising Radiation Source, which do not require a Special Permit (Licence) or Permit (NLB 70, p. 47).
- 2001 Regulations on the State Duty for the Issue of a Special Permit (Licence) or Permit for Activities involving Ionising Radiation Sources (NLB 70, p. 48).
- 2001 Regulations on the Criteria Necessary to Obtain a Special Permit (Licence) or Permit for Activities involving Ionising Radiation Sources (NLB 70, p. 48).
- 2001 Regulations on the Procedure for the Issue of a Special Permit (Licence) or Permit for Activities involving Ionising Radiation Sources and the Procedure for Public Debate on the Establishment of Ionising Radiation Facilities of State Significance or on Essential Modifications thereto (NLB 70, p. 49).
- 2002 Regulations on Physical Protection of Ionising Radiation Sources (NLB 72, p. 52).

Radioactive waste management

- 1999 Regulations on Radioactive Waste Management (NLB 64, p. 58).

Transport of radioactive materials

- 2001 Regulations on Protection against Ionising Radiation during the Transport of Radioactive Materials (NLB 70, p. 52).
- 2002 Regulations on Radiometric Control of Cargo and Goods on the State Border (NLB 70, p. 52).
Agreements

- 1993 Agreement with Germany on Environmental Protection (NLB 52, p. 80).
- 2002 Agreement with Lithuania on Co-operation in Radiation Safety (NLB 70, p. 65).
- 2003 Agreement with Estonia on Co-operation in Radiation Safety (NLB 72, p. 69).

Lebanon

Legislative and regulatory activities

Nuclear safety and radiological protection (including nuclear emergency planning)


Libya

Legislative and regulatory activities

Nuclear safety and radiological protection (including nuclear emergency planning)

- 1982 Act on Regulating the Use of and Protection against Ionising Radiation (NLB 39, p. 19).

Agreements

- 2008 Agreement with France on, inter alia, the Generation of Electricity, Water Desalination, Exploration of Uranium, Investment and Training in Nuclear Energy (NLB 82, p. 199).
- 2008 Agreement with France for the Training of Engineers and Exchange of Nuclear Expertise (NLB 82, p. 200).
- 2009 Memorandum of Understanding with Canada Co-operation in the Peaceful Use of Nuclear Energy (NLB 84, p. 193).
Lithuania

Legislative and regulatory activities

General legislation, regulations and instruments

- 1996 Law on Nuclear Energy (NLB 59, p. 56). The text of the Law is reproduced in the Supplement to NLB 60. 2001 Amendments (NLB 69, pp. 82 and 83).
- 2007 Law on the Nuclear Power Plant (NLB 80, p. 75).
- 2008 Amendment to the Law on the Nuclear Power Plant (NLB 81, p. 108).
- 2012 Law on Nuclear Power Plant No. X-1231 establishes conditions for the implementation of the new Visaginas nuclear power plant project in Lithuania (NLB 90, p. 124).
- 2015 Revised rules of procedure for drafting nuclear safety requirements and rules (NLB 95, p. 77).
- 2017 Amendments to the Law on Nuclear Energy (NLB 100, p. 93).
- 2017 Amendments to the Law on Nuclear Safety (NLB 100, p. 94).

Licensing and regulatory infrastructure

- 2012 Rules for Issuing Licenses and Permits for Activities in Nuclear Energy approved by Resolution No. 722 (NLB 90, p. 125).
- 2014 New requirements for management of construction of nuclear facilities (NLB 93, p. 106).
- 2016 Order amending Order "on the Approval of Nuclear Safety Requirements BSR-1.4.1-2010 'Management System Requirements'" (NLB 97, p. 86).
- 2016 Enforcement measures (NLB 98, p. 76).
- 2018 Amended rules on the issuance of licences and permits (NLB 101, p. 84).

Nuclear installations

- 1998 Regulations on Licensing of Nuclear Activities (NLB 61, p. 79).


• 2012 Resolution No. 83 on the approval of rules of procedure of the assessment of the nuclear power plant’s site evaluation report (NLB 89, p. 124).

• 2017 Free release criteria of buildings and site of nuclear facilities (NLB 99, p. 83).

• 2017 Management systems (NLB 99, p. 83).

• 2017 Nuclear safety requirements for technical specification of nuclear facilities (NLB 100, p. 96).

• 2017 Amendment to the requirements for modifications of nuclear facilities (NLB 100, p. 96).

• 2017 New requirements for managing human resources (NLB 100, p. 97).

• 2017 Amendment of nuclear safety requirements regarding programme on safety improvement measures (NLB 100, p. 97).

• 2017 Amendment to the nuclear safety requirements for inspections (NLB 100, p. 97).

• 2018 Amendments of Nuclear Safety Requirements regarding lifting and handling equipment (NLB 101, p. 84).

• 2018 Amended Rules for Site Evaluation (NLB 101, p. 85).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

• 1999 Law on Radiation Protection (NLB 63, p. 76). The text of the Law is reproduced in the Supplement to NLB 64.

• 2001 Regulations for the Classification of Legal Acts Regulating Nuclear Safety (NLB 68, p. 63).


• 2001 Guidelines governing the Procedure on Radiological Monitoring and Limitation of Releases of Radionuclides into the Environment from Nuclear Facilities (NLB 68, p. 63).

• 2001 Hygiene Standard on General Norms of Radiation Safety (NLB 69, p. 83).

• 2001 Order on Certification of Persons Responsible for Radiation Safety Training of Workers (NLB 69, p. 83).

• 2010 Nuclear Safety Requirements BSR-2.1.3-2010 (NLB 89, p. 124).

• 2011 Amendment to Law on Radiation Protection (NLB 88, p. 88; NLB 89, p. 124).
• 2011 Nuclear Safety Requirements BSR-1.8.2-2011 (NLB 89, p. 124); BSR-2.1.4-2011, BSR-1.9.1-2011, BSR-1.9.2-2011 and BSR-1.9.3-2011 (NLB 89, p. 125); BSR-1.1.3-2011, BSR-1.1.4-2011 (NLB 89, p. 126).
• 2011 Law on Nuclear Safety (NLB 88, p. 89; NLB 89, p. 124).
• 2014 New requirements for fire safety (NLB 94, p. 127).
• 2015 Revised requirements for modifications (NLB 96, p. 84).
• 2015 Plan for enhancement of nuclear safety (NLB 96, p. 85).
• 2015 New requirements for the commissioning of nuclear power plants (NLB 96, p. 85).
• 2015 Revised requirements regulating the provision of information on abnormal events (NLB 96, p. 85).
• 2016 Order amending Order approving “Nuclear Safety Requirements BSR-1.1.3-2011 ‘Inspections Conducted by the State Nuclear Power Safety Inspectorate’” (NLB 97, p. 87).
• 2016 Amendments to the Law on Radiation Protection (NLB 98, p. 74).
• 2017 Amended requirements for release of radionuclides (NLB 100, p. 96).
• 2018 Transposition of the Euratom Basic Safety Standards (NLB 101, p. 82; NLB 102, p. 92).
• 2018 Nuclear Safety Requirements for Ageing Management (NLB 101, p. 83).
• 2019 Requirements for operating experience (NLB 103, p. 56).
• 2019 Requirements for Maintenance, Surveillance and In-service Inspections of Nuclear Facilities (NLB 103, p. 56).
• 2020 Rules for free release criteria of buildings, engineering structures and site of nuclear facilities (NLB 104, p. 17).
• 2020 New requirements for lifting equipment (NLB 104, p. 17).

**Nuclear security**

• 2012 Resolution on the approval of rules of procedure of the development and review of the design basis threat and submission of information to state power safety inspectorate (NLB 89, p. 126).
• 2015 Revised requirements for physical protection (NLB 96, p. 85).
• 2016 Physical security of sources of ionising radiation (NLB 98, p. 75).
• 2017 Cyber security requirements (NLB 99, p. 83).
• 2020 New version of physical security requirements (NLB 104, p. 18).

Organisation and structure  
• 1997 Decree establishing the Board of State Nuclear Power Safety Inspectorate (VATESI) (NLB 61, p. 80).

Radioactive materials (including physical protection)  
• 2014 Requirements for nuclear material accounting and control (NLB 94, p. 120).

Radioactive waste management  
• 1999 Law on the Management of Radioactive Waste (NLB 64, p. 59). The text of the Law is reproduced in the Supplement to NLB 64.
• 2001 Order approving the Requirements on Management of Radioactive Waste in Nuclear Power Plants before Disposal (NLB 68, p. 64).
• 2011 Amendment to the Law on Radioactive Waste Management (NLB 88, p. 88; NLB 89, p. 124).
• 2015 Revised requirements for acceptance criteria for near surface repository (NLB 96, p. 85).
• 2016 Order approving “Nuclear Safety Requirements BSR-1.5.1-2015 ‘ Decommissioning of Nuclear Facilities’” (NLB 97, p. 87).
• 2016 Nuclear Safety Requirements on Management of Spent Nuclear Fuel at Storage Facility of the Dry Type (NLB 98, p. 76).
• 2017 Safety of radioactive waste repositories (NLB 99, p. 84).
• 2017 Amendment to the requirements for pre-disposal management of radioactive waste at nuclear facilities (NLB 100, p. 97).
• 2018 Amendments to the Law on the Management of Radioactive Waste (NLB 101, p. 84).

Transport of radioactive material  
• 2015 Amendment of requirements for shipment of radioactive material, radioactive waste and spent nuclear fuel (NLB 95, p. 78).
• 2019 Requirements for licensing of transport activities (NLB 103, p. 56).
Agreements

- 1993 Agreement with Germany on Environmental Protection (NLB 52, p. 80).
- 1996 Agreement with Germany on Mutual Assistance in the Case of a Disaster (NLB 57, p. 91).
- 2000 Framework Agreements with Sweden for Co-operation in the Field of Nuclear Safety (NLB 65, p. 64).
- 2002 Agreement with Latvia on Co-operation in Radiation Safety (NLB 70, p. 65).
- 2010 Agreement with the US Nuclear Regulatory Commission on the exchange of technical information (NLB 86, p. 94).

Luxembourg

Legislative and regulatory activities

Food irradiation

- 2000 Grand-ducal Regulations relating to Foods and Food Ingredients Treated with Ionising Radiation (NLB 67, p. 44).

Liability and compensation


Nuclear safety and radiological protection (including nuclear emergency planning)

- 1983 Act concerning the Medical Use of Ionising Radiation (NLB 34, p. 20). 1987 Implementing Regulations (NLB 41, p. 16). Repealed and replaced by 2001
Grand-ducal Regulations relating to the Health Protection of Individuals against the Dangers of Ionising Radiation in relation to Medical Exposures (NLB 68, p. 64).

- 2006 Grand-ducal Regulations on the Protection of the Public Against the Risks Resulting from Ionising Radiation (NLB 80, p. 77).
- 2006 Law on Approving the Agreement Between Luxembourg and Belgium Relating to Information Exchange in the Event of an Incident or Accident (NLB 80, p. 77).

**Nuclear trade (including non-proliferation)**

- 2001 Law approving an Additional Protocol on the Strengthening of Non-Proliferation of Nuclear Weapons in order to Detect Clandestine Nuclear Activities (NLB 69, p. 84).

**Radioactive waste management**


**Agreements**

Madagascar

Legislative and regulatory activities

**Nuclear safety and radiological protection (including nuclear emergency planning)**
- 1993 Decree on Protection against Ionising Radiation (NLB 54, p. 51).

**Organisation and structure**

**Transport of radioactive materials**

Malaysia

Legislative and regulatory activities

**General legislation, regulations and instruments**
- 1984 Atomic Energy Licensing Act (NLB 34, p. 21).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

**Agreements**
- 2010 Agreement with Japan on Co-operation in the Peaceful Uses of Nuclear Power (NLB 86, p. 93).
Mauritius

Legislative and regulatory activities

**Nuclear safety and radiological protection (including nuclear emergency planning)**


Mexico

Legislative and regulatory activities

**Environmental protection**


**Food irradiation**

- 1995 Rules setting Maximum Radionuclide Contamination Limits for Imported Foodstuffs (NLB 56, p. 89).

**General legislation, regulations and instruments**

- 1984 Act on the Administration and Control of Nuclear Energy (NLB 35, p. 17).

**Liability and compensation**


**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1988 Implementing Regulation to the General Act on Health Protection (NLB 42, p. 21).
• 2000 Norm regarding Selection, Qualification and Training Requirements for Staff of a NPP (NLB 67, p. 44).

**Nuclear trade (including non-proliferation)**

• 1986 Decree on Import and Export of Hazardous Material or Waste (NLB 41, p. 17).

• 1994 Regulations classifying the Articles Subject to Import/Export Licensing (NLB 54, p. 53).

**Organisation and structure**

• 1971 Act setting up the National Institute of Nuclear Energy (NLB 11, p. 22). Replacement of the Institute in 1978 (NLB 22, p. 18).

• 1978 Act Reorganising the Administration and Control of Nuclear Energy (NLB 23, p. 23). The text of the Law is reproduced in the Supplement to NLB 23.


**Radioactive waste management**

• 1996 Regulations concerning the Determination of Radioactive Levels for Waste Permanently Stored at Surface and for its Incineration (NLB 58, p. 92).


• 2001 Official Norm on Installations for the Treatment and Conditioning of Nuclear Waste (NLB 69, p. 85).

**Transport of radioactive materials**


**Agreements**

• 1990 Agreement with Japan on Co-operation in the Peaceful Uses of Nuclear Science and Technology (NLB 47, p. 73).

• 1992 Agreement with Australia on Co-operation in the Peaceful Uses of Nuclear Energy and Nuclear Transfers (NLB 52, p. 76).


Moldova

Legislative and regulatory activities

General legislation, regulations and instruments
  • 2009 Latest legislative activities (NLB 83, p. 103).

Nuclear safety and radiological protection (including nuclear emergency planning)
  • 2006 Law on the Safe Deployment of Nuclear and Radiological Activities (NLB 78, p. 48).
  • 2012 Law no. 132 on the safe development of nuclear and radiological activities (NLB 91, p. 123).
  • 2014 Revisions to regulations related to registration of authorised individuals and legal entities regarding sources of ionising radiation (NLB 93, p. 106).

Radioactive materials (including physical protection)
  • 1999 Law on Licensing of Certain Activities (NLB 65, p. 48).

Mongolia

Legislative and regulatory activities

Nuclear trade (including non-proliferation)

Agreements
  • 2008 Agreement with the Russian Federation on the Production of Mongolian Uranium (NLB 82, p. 200).
  • 2009 Memorandum of Understanding with the Russian Federation on the Training of Nuclear Specialists (NLB 83, p. 141).
  • 2009 Agreement with the Russian Federation to Set Up a Joint Venture in the Field of Uranium Mining (NLB 84, p. 193).
Montenegro

Legislative and regulatory activities

Environmental Protection


Morocco

Legislative and regulatory activities

Liability and compensation

- 2006 Decree Granting a State Guarantee to CNESTEN (NLB 78, p. 51).

Nuclear safety and radiological protection (including nuclear emergency planning)

- 1997 Decree on the Use of Ionising Radiation for Medical or Dental Purposes (NLB 61, p. 81).

Organisation and structure

- 1992 Draft Decree setting up a National Nuclear Energy Council (NLB 51, p. 66).
- 1999 Decree on the Construction Licence for the Maâmora Nuclear Research Centre (NLB 68, p. 66).

Agreements

- 2008 Agreement with France for Training of Engineers and Exchange of Nuclear Expertise (NLB 82, p. 200).
- 2009 Agreement with the United States on Co-operation to Improve Efforts to Counter Nuclear and Radiological Terrorism and Promote International Nuclear and Environmental Safety and Security (NLB 84, p. 193).
- 2010 Agreement with France on Co-operation on Civil Nuclear Power (NLB 86, p. 93).
Myanmar

Legislative and regulatory activities

*General legislation, regulations and instruments*


Netherlands

Legislative and regulatory activities

*Environmental protection*

- 1979 Environmental Protection Act (NLB 28, p. 21).

*General legislation, regulations and instruments*


*Liability and compensation*


- 1973 Act on the Liability of Operators of Nuclear Ships (NLB 7, p. 22; NLB 13, p. 10). The text of the Bill is reproduced in the *Supplement to NLB 7*.


- 1979 Act approving the Paris and Brussels Conventions (NLB 18, p. 29; NLB 24, p. 11).

- 1979 Act on Nuclear Third Party Liability (NLB 18, p. 29; NLB 24, p. 12). The text of the Act is reproduced in the *Supplement to NLB 24*. 1984 and 1987 General Administrative Orders to increase the liability amount (NLB 34, p. 22; NLB 40, p. 15). 1991 Amendment of the Act (NLB 48, p. 48). The text of the Act as amended is reproduced in the *Supplement to NLB 49*. 1993 and 1997 Royal Decrees to increase the liability amount (NLB 53, p. 87; NLB 61, p. 81).

Nuclear installations
• 2006 Covenant Between the Government and the Borssele Operator Concerning the Life Extension (NLB 79, p. 66).

Nuclear safety and radiological protection (including nuclear emergency planning)
• 1973 Decree on the Use of Radioactive Luminous Paint on Timepieces (NLB 17, p. 14).

Nuclear-powered ships
• 1973 Act on the Liability of Operators of Nuclear Ships (NLB 7, p. 22; NLB 13, p. 10). The text of the Bill is reproduced in the Supplement to NLB 7.

Organisation and structure
• 1976 Establishment of the Netherlands Energy Research Foundation (NLB 18, p. 40).
• 1999 Royal Decree on the Transfer of Responsibility for the Implementation of the Nuclear Energy Act (NLB 64, p. 60).
• 2000 Transfer of Nuclear Safety Department to Ministry for Housing, Regional Development and the Environment (NLB 66, p. 46).
• 2002 Establishment of new General Inspectorate for Housing, Spatial Planning and the Environment (NLB 69, p. 85).

Transport of radioactive materials

Case law
• 1981 Ruling on Dumping of Radioactive Waste at Sea (NLB 28, p. 29).
• 1999 and 2000 Decisions of the Council of State rejecting licences for storage
and transport of nuclear fuel (NLB 65, p. 24; NLB 66, p. 29).

• 2000 Decisions invalidating the limitation in time of the operating licence of the
Borssele Plant (NLB 65, p. 23; NLB 66, p. 31). 2001 Decision of the Den Bosch
Court in a new case on closure of the Borssele NPP (NLB 68, p. 49).

Administrative decisions

• 2002 Governmental decision not to appeal court ruling on the continued
operation of the Borssele NPP (NLB 71, p. 56).

Agreements

• 1968 Agreement with the Federal Republic of Germany on the Use of the Dutch
Coastal Waters and Ports by the N.S. Otto Hahn (NLB 2, p. 40; NLB 3, p. 33; NLB 4,
p. 25). The text of the Agreement is reproduced in NLB 3, p. 50.

• 1970 Agreement with the Federal Republic of Germany and the United Kingdom
on Collaboration in the Development and Exploitation of the Gas Centrifuge
Process for Producing Enriched Uranium (NLB 6, p. 37; NLB 8, p. 34). The text of
the Agreement is reproduced in NLB 6, p. 41.

• 1977 Memorandum of Understanding with the Federal Republic of Germany on
Nuclear Installations near Border Areas (NLB 22, p. 35).

• 1984 Agreement with Belgium on Mutual Assistance in the Event of
Catastrophes and Accidents (NLB 42, p. 49).

• 1987 Agreement with Belgium on Co-operation in Nuclear Safety (NLB 41, p. 42).

• 1988 Agreement with the Federal Republic of Germany on Mutual Assistance in
the Event of Catastrophes (NLB 51, p. 85).

• 1990 Memorandum of Understanding with Belgium on Early Notification of a
Nuclear Accident and Exchange of Information on the Operation of Nuclear
Installations (NLB 49, p. 72).

New Zealand

Legislative and regulatory activities

Nuclear safety and radiological protection (including nuclear emergency planning)

• 1956 Health Act. 1971 Amendment (NLB 12, p. 10).

Implementing Regulations, amended in 1974, and 1974 Regulations (NLB 12,

**Transport of radioactive materials**


**Agreements**

• 1999 Agreement with Australia concerning the Transfer of Uranium (NLB 66, p. 60).

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**Nicaragua**

**Legislative and regulatory activities**

*Nuclear safety and radiological protection (including nuclear emergency planning)*

• 1993 Act on Protection against Ionising Radiation (NLB 54, p. 54).

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**Nigeria**

**Legislative and regulatory activities**

*Nuclear safety and radiological protection (including nuclear emergency planning)*

• 2003 Basic Ionising Radiation Regulations (NLB 74, p. 54).

**Organisation and structure**


**Agreements**


Republic of North Macedonia

Legislative and regulatory activities

**Nuclear safety and radiological protection (including nuclear emergency planning)**


Norway

Legislative and regulatory activities

**Environmental protection**

- 1981 Pollution Control Act (NLB 27, p. 12).

**General legislation, regulations and instruments**

- 1972 Atomic Energy Act (NLB 1, p. 17; NLB 3, p. 9; NLB 6, p. 22; NLB 8, p. 14; NLB 9, p. 22; NLB 10, p. 13; NLB 12, p. 11). The text of the Bill is reproduced in the *Supplement to NLB 1*. The text of the Act is reproduced in the *Supplement to NLB 11*. The consolidated text of the Act, as amended in 1985, is reproduced in the *Supplement to NLB 41*. 1992 Amendment (NLB 51, p. 70).

**Liability and compensation**

- 1972 Atomic Energy Act. 1985 Amendment (NLB 38, p. 31; NLB 40, p. 16; NLB 41, p. 18).
- 1985 Regulations on Exclusion of Certain Kinds or Quantities of Nuclear Substances (NLB 38, p. 32).

**Nuclear installations**

- 1967 Act on Patents (NLB 3, pp. 10 and 13).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1976 Regulations on Supervision and Use of Installations, Apparatus, Material and Substances Emitting Ionising or Other Radiation Hazardous to Health (NLB 21, p. 21). The text of the Regulations is reproduced in *NLB 21, p. 21*.
• 1979 Royal Decree concerning the Qualifications Required to Use X-ray Devices for Medical Purposes (NLB 25, p. 20).
• 1981 Radiation Protection Regulations (NLB 27, p. 12).
• 1988 Guidelines on Radon Measurements in Dwellings (NLB 47, p. 51).
• 2000 Act on Radiation Protection and Use of Radiation (NLB 67, p. 46). The text of the Act is reproduced in the Supplement to NLB 68. 2003 Implementing Regulations (NLB 75, p. 119).
• 2005 Amendments to the Act on Radiation Protection and Use of Radiation (NLB 78, p. 51).

Nuclear trade (including non-proliferation)
• 1989 Regulations relating to Control of the Export of Strategic Goods, Services and Technology (NLB 44, p. 41).
• 1989 Royal Decree regarding Imports of Nuclear Material (NLB 45, p. 63).

Organisation and structure
• 1973 Regulations concerning the Organisation and Functions of the Nuclear Safety Authority (NLB 13, p. 11). The text of the Regulations is reproduced in NLB 13, p. 36.
• 1976 Royal Decree creating a Committee for Appraisal of the Safety of Nuclear Power Stations (NLB 17, p. 15).
• 1990 Royal Decree extending the Authority of the Institute for Energy Technology regarding Nuclear Reactors (NLB 46, p. 69).

Radioactive materials (including physical protection)
• 1983 Regulations on Production, Import and Sale of Radioisotopes (NLB 32, p. 10).
• 1985 Act amending the Penal Code to include provisions with reference to physical protection of nuclear materials (NLB 38, p. 30).
• 1986 Regulations on the Use of Radioactive Sources on Drilling Platforms (NLB 38, p. 31).

Transport of radioactive materials
• 1974 Regulations concerning the Carriage of Dangerous Substances by Civilian Aircraft (NLB 13, p. 11).
• 1979 Royal Decree adopting the Provisions of the European Agreement concerning the International Carriage of Dangerous Goods by Road for Domestic Transport (NLB 25, p. 43).

Case law

• 1973 Court Decision concerning compensation for injury sustained during the course of work involving ionising radiation (NLB 13, p. 20).
• 1975 Decisions on liability for damage caused by medical X-ray treatment (NLB 19, p. 18).

Agreements

• 1983 Co-operation Agreement with the United States in the Field of Peaceful Uses of Nuclear Energy (NLB 33, p. 35).
• 1986 Agreement with Sweden on the Exchange of Information and Early Notification in Case of a Nuclear Accident or Radiological Emergency (NLB 39, p. 35).
• 1987 Agreement with Finland on the Exchange of Information and Early Notification in Case of a Nuclear Accident or Radiological Emergency (NLB 39, p. 35).
• 1992 and 1993 Agreements with the Russian Federation on Early Notification of a Nuclear Accident and Information Exchange on Nuclear Installations and on the Environment (NLB 52, p. 80).
• 1994 Agreement with the Ukraine on Early Notification and Information Exchange (NLB 54, p. 67).
Pakistan

Legislative and regulatory activities

*Organisation and structure*

- 2001 Pakistan Nuclear Regulatory Authority Ordinance (NLB 67, p. 47).

Agreements


Peru

Legislative and regulatory activities

*Nuclear installations*

- 1980 Regulations on Installations Containing Sources of Ionising Radiation (NLB 32, p. 12).

*Nuclear safety and radiological protection (including nuclear emergency planning)*

- 1980 Radiological Protection Regulations (NLB 32, p. 11).

*Organisation and structure*

- 1980 Resolution establishing the National Nuclear Safety and Radiological Protection Authority (NLB 32, p. 11).

*Radioactive materials (including physical protection)*


Agreements

- 1988 Joint Declaration with Argentina on Peaceful Nuclear Co-operation (NLB 43, p. 91).
Philippines

Legislative and regulatory activities

General legislation, regulations and instruments


Liability and compensation


Nuclear installations


Nuclear safety and radiological protection (including nuclear emergency planning)

• 1976 Memorandum on Basic Radiation Protection Standards (NLB 23, p. 24).

Organisation and structure

• 1974 Transfer of the Atomic Energy Commission to the Office of the President (NLB 19, p. 8).


• 1992 Radiological Technology Act (NLB 55, p. 38).

Radioactive materials (including physical protection)

• 1971 Regulations for the Treatment and Disposal of Radioactive Waste (NLB 8, p. 14; NLB 9, p. 22).

Agreements

• 1968 Co-operation Agreement with the United States on the Peaceful Uses of Atomic Energy (NLB 6, p. 38).

• 1970 Draft Agreement for Regional Co-operation on the Peaceful Applications of Atomic Energy with IAEA and Member States from South East Asia, the Pacific and the Far East (NLB 7, p. 37).
Poland

Legislative and regulatory activities

**General legislation, regulations and instruments**


- 2011 Amendment to the Atomic Law Act (NLB 88, p. 89), consolidated text (NLB 89, p. 127).

- 2012 Regulation of the Council of Ministers on the subsidy granted for nuclear safety and radiological protection in the application of ionising radiation sets out the form of application for certain subsidies (NLB 92, p. 110).

- 2012 Regulation of the Minister of Economy on the detailed rules and conditions for the establishment and operation of Local Information Committees and for the co-operation between the committees and the investors in nuclear power facilities (NLB 92, p. 110).

- 2012 Regulation of the Minister of the Environment on the authorisation for recognition of qualifications for regulated professions acquired in Member States of the European Union (EU), (NLB 92, p. 110).

**Liability and compensation**

- 2011 Regulation on guaranteed minimum amount of the compulsory civil liability insurance of the nuclear facility's operator (NLB 89, p. 127).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1988 Order on Dose Limits for Ionising Radiation and Derived Limits Defining their Hazards (NLB 45, p. 64).


- 2005 Regulation on National Emergency Preparedness Plans (NLB 75, p. 120).

- 2005 Regulation on Ionising Radiation Dose Limits (NLB 76, p. 80)

- 2005 Regulation on Positions for Ensuring Nuclear Safety and Radiological Protection and on Radiological Protection Inspectors (NLB 76, p. 80).

- 2006 Regulation on Ionising Radiation Sources (NLB 79, p. 67).

• 2007 Regulation on the requirements for controlled and supervised areas (NLB 81, p. 109).

• 2007 Regulation on the requirements for individual dose registration (NLB 81, p. 110).

• 2011 Regulation on psychiatric and psychological tests of employees performing activities important for nuclear safety and radiological protection at the organisational unit conducting activities related to exposure which consist of commissioning, operation or decommissioning of a nuclear power plant (NLB 89, p. 128).

• 2011 Regulation of the Council of Ministers on periodical safety assessment of a nuclear facility (NLB 92, p. 109).

• 2012 Regulation of the Council of Ministers on positions important for nuclear safety and radiological protection and on radiological protection inspectors (NLB 92, p. 107).

• 2012 Regulation of the Council of Ministers on the detailed scope of assessment with regard to land intended for the siting of a nuclear facility, cases excluding land to be considered eligible for the siting of a nuclear facility and on requirements concerning siting report for a nuclear facility (NLB 92, p. 107).

• 2012 Regulation of the Council of Ministers on nuclear safety and radiological protection requirements which must be fulfilled by a nuclear facility design (NLB 92, p. 107).

• 2012 Regulation of the Council of Ministers on activities important for nuclear safety and radiological protection in an organisational unit conducting activity, which consists in commissioning, operations or decommissioning of a nuclear power plant (NLB 92, p. 109).

• 2013 Regulation of the Council of Ministers on requirements for the commissioning and operation of nuclear facilities (NLB 92, p. 108).

• 2013 Regulation of the Council of Ministers on nuclear safety and radiological protection requirements for the stage of decommissioning of nuclear facilities and the content of a report on decommissioning of a nuclear facility (NLB 92, p. 110).

**Nuclear trade (including non-proliferation)**


• 1997 Regulation setting Conditions for the Import, Export and Transit of Nuclear Materials, Radiation Sources and Equipment Containing such Sources (NLB 61, p. 82).

**Organisation and structure**

• 2001 Regulations establishing the NAEA Statute and a Council for Atomic Affairs (NLB 69, p. 86).
• 2016 Amendment of the Atomic Law (NLB 98, p. 78).

**Radioactive materials (including physical protection)**

• 1997 Regulation exempting Certain Activities from Licensing (NLB 61, p. 82).
• 1997 Regulation on the Registration and Monitoring of Ionising Radiation Sources (NLB 61, p. 82).
• 2001 Regulations on the Physical Protection (NLB 69, p. 87).
• 2001 Regulations on the Accountancy of Nuclear Materials (NLB 69, p. 87).

**Radioactive waste management**

• 2007 Regulation on the state owned public utility “Radioactive Waste Management Plant” (NLB 81, p. 110).
• 2012 Regulation of the Council of Ministers on the amount of contributions to cover the costs of spent nuclear fuel and radioactive waste disposal and the costs of nuclear power plant decommissioning (NLB 92, p. 110).

**Transport of radioactive materials**

• 2007 Regulation on import, export and transit of spent nuclear fuel intended for reprocessing or storage (NLB 81, p. 111).
• 2007 Regulation on import, export and transit of nuclear materials, radioactive sources and equipment containing such sources (NLB 81, p. 111).

**Case law**

• 2015 Decision of the Masovian Voivod concerning the legality of the resolution on holding a local referendum in the Commune of Różan regarding a new radioactive waste repository (NLB 96, p. 72).
• 2015 Certain provisions of the Regulation of the Minister of Health of 18 February 2011 on the conditions for safe use of ionising radiation for all types of medical exposure have been declared unconstitutional by a judgment pronounced by the Constitutional Tribunal (NLB 96, p. 75).
• 2016 Decision of the Masovian Voivod of 28 December 2015 concerning the legality of the resolution on holding a local referendum in the Commune of Różan regarding a new radioactive waste repository (NLB 97, p. 76).

**Agreements**

• 1987 Agreement with Denmark on Exchange of Information and Notification in the Context of Nuclear Facilities (NLB 41, p. 43). The text of the Agreement is reproduced in NLB 41, p. 49.
• 1989 Agreement with the Federal Republic of Germany for Co-operation on Research in the Nuclear Field (NLB 46, p. 87).
• 1989 Agreement with Austria on Exchange of Information in the Field of Nuclear Safety and Radiation Protection (NLB 51, p. 84).
• 1991 Agreement with the European Communities on Establishment of an Association for Assistance in the Nuclear Field (NLB 52, p. 81).
• 1993 Agreement with Ukraine on Early Notification of a Nuclear Accident and Information Exchange on Nuclear Safety and Radiation Protection (NLB 52, p. 81; NLB 53, p. 109).
• 1994 Agreement with Belarus on Early Notification and Information Exchange on Nuclear Safety (NLB 56, p. 97).
• 2010 Agreement with the US Nuclear Regulatory Commission on the Exchange of Technical Information (NLB 86, p. 94).

Portugal

Legislative and regulatory activities

Environmental protection
• 1990 Decree-Law on Environmental Protection (NLB 46, p. 70).
• 2005 Decree-Law Establishing the Environmental Monitoring System of Radioactivity (NLB 76, p. 81).

Food irradiation
• 2001 Decree-Law on the Treatment of Food by Ionising Radiation (NLB 70, p. 54).

General legislation, regulations and instruments
• 2011 Decree-Law No. 72/2011 on physicists qualified in medical physics (NLB 89, p. 130).
• 2012 Decree-Law No. 262, which establishes the obligations of holders of licences for nuclear facilities (NLB 92, p. 111).
• 2017 Newly appointed president of COMRSIN (NLB 100, p. 98).

 Liability and compensation

• 1972 Draft Decree-Law concerning Third Party Liability for Damage of Nuclear or Radioactive Origin (NLB 9, p. 23).


 Nuclear installations


 Nuclear safety and radiological protection (including nuclear emergency planning)


• 1984 Decree regulating Safety and Radiological Protection in Mines (NLB 34, p. 23).


• 1991 Decree-Law on Medical Products and Apparatus for Human Use (NLB 48, p. 50).

• 1992 Decree on Radiological Protection in Uranium Mining (NLB 51, p. 70).


• 1996 Decree-Law relating to the Use of Sealed Radioactive Sources (NLB 58, p. 9).

• 2002 Decree-Law on the Protection of the Population against the Dangers of Ionising Radiation (NLB 70, p. 52).

• 2002 Decree-Law on Protection against Ionising Radiation in Relation to Medical Exposure (NLB 70, p. 53).


• 2014 Ministerial Orders establishing minimum requirements for the licensing and operation of private health units in the fields of nuclear medicine, radiotherapy and radiology (NLB 93, p. 107).

• 2017 Amendment of regime on planning and programming measures for radiological emergencies and nuclear accidents (NLB 100, p. 98).

• 2017 Reinforcing safety, control and decision-making processes (NLB 100, p. 98).

• 2018 New basic safety standards for protection against the dangers arising from exposure to ionising radiation (NLB 103, p. 58).

• 2019 Specification of values, figures and criteria on safety standards for protection against the dangers arising from exposure to ionising radiation (NLB 104, p. 18).

**Organisation and structure**


• 1968 Order fixing the Responsibilities regarding Nuclear Installations of the Council of Ministers for Economic Affairs (NLB 3, p. 11).

• 1968 Order setting up a Committee for Nuclear Fuels and Power Stations (NLB 3, p. 10).


• 1979 Decree-Law concerning the National Laboratory of Industrial Engineering and Technology (NLB 24, p. 14).

• 1990 Decree-Law designating the Competent Authority for Physical Protection of Nuclear Material (NLB 47, p. 52).

• 1991 Decree-Law reorganising the Nuclear Protection and Safety Bureau (NLB 49, p. 57).

• 1993 Decree reorganising the General Directorate for Energy (NLB 53, p. 87).


• 1994 Decree-Law setting up the Technology and Nuclear Institute (NLB 55, p. 39).

• 1995 Reorganisation in the nuclear sector (NLB 57, p. 82).

• 1998 Decree-Law setting up the Commission for Radiological Protection and Nuclear Safety (NLB 63, p. 77).
• 2001 Resolution establishing the National Authority for the Comprehensive Nuclear-Test-Ban Treaty (NLB 70, p. 52).
• 2003 Decree-Law approving the Organic Law of Ministry for Towns, Territorial Planning and Environment (NLB 72, p. 52).
• 2004 Decree-Law on the General Directorate for Geology and Energy (NLB 75, p. 120).
• 2005 Decree-Law Setting up the Independent Commission for Radiological Protection and Nuclear Safety (NLB 76, p. 80).
• 2011 Integration of the Nuclear Technological Institute (ITN) into the Technical University of Lisbon Decree-Law No. 125/2011, Articles 31 (4) and 34 (NLB 89, p. 128).
• 2012 Integration of the Nuclear Technological Institute (ITN) into the Technical University of Lisbon Decree-Law No. 29/2012 (NLB 89, p. 128).

Radioactive waste management

• 1990 Order on Hospital Residues (NLB 46, p. 70).
• 2017 National programme for the management of irradiated fuel and radioactive waste (NLB 100, p. 99).
• 2017 Radioactive substances present in water destined for human consumption (NLB 100, p. 99).

Transport of radioactive materials


Case law

• 1995 ENU v. European Commission; Judgment of the Court of First Instance of the European Communities (NLB 55, p. 23; NLB 56, p. 59).

Agreements

• 1971 Agreement with the Federal Republic of Germany on the Use of Portuguese Waters and Ports by the N.S. Otto Hahn (NLB 7, p. 36; NLB 9, p. 35).
• 1971 Co-operation Agreement with Spain on the Peaceful Uses of Atomic Energy (NLB 8, p. 35).
• 1977 Co-operation with Spain on the Siting of Nuclear Power Plants in Border Areas (NLB 20, p. 32).
• 1980 Agreements with Spain on Co-operation in Nuclear Safety (NLB 25, p. 39).
• 1985 Accession to CERN (NLB 36, p. 37).

**Qatar**

**Agreements**

• 2010 Memorandum of Understanding with the Russian Federation on Co-operation in Civil Nuclear Activities (NLB 86, p. 93).

**Romania**

**Legislative and regulatory activities**

**Environmental protection**

• 2005 Order on the Norms regarding the Release of Radioactive Effluents into the Environment (NLB 76, p. 83).
• 2006 Decision on Procedures for Environmental Impact Assessment (NLB 78, p. 52).
• 2009 General requirements on Environmental Impact Assessment (NLB 84, p.137).
• 2011 Governmental Decision No. 1061/2011 for issuing the environmental licence for the national company Nuclearelectrica branch nuclear fuel plant at Pitesti (NLB 89, p. 131).

**Food irradiation**

• 2002 Norms on Foodstuffs and Food Ingredients Treated by Ionising Radiation (NLB 71, p. 77).

**General legislation, regulations and instruments**

• 1993 Bill on Protection against Hazards Arising from Nuclear Activities (NLB 52, p. 62).

• 1996 Law relating to the Regulation, Licensing and Control of Nuclear Activities (NLB 58, p. 95).


• 2003 Ordinance on the Use of Nuclear Energy Exclusively for Peaceful Purposes (NLB 71, p. 74). Approved and amended by the 2003 Act (NLB 72, p. 53).

• 2006 Amendment to the 1996 Law on the Safe Conduct of Nuclear Activities (NLB 77, p. 58).

• 2006 Amendment the 2003 Ordinance on the Use of Nuclear Energy Exclusively for Peaceful Purposes (NLB 77, p. 59).


• 2009 Decision on the prohibition of dangerous labour for children (NLB 84, p. 136).

• 2009 Law on the reorganisation of public authorities (NLB 85, p. 109).

• 2010 Government Decision on the reorganisation of electric power producers (NLB 85, p. 110).

• 2010 Amendment to Article 35 of Law 111/1996 regarding new tasks of CNCAN (NLB 86, p. 80).

• 2010 Order approving norms regarding the radiological monitoring of recyclable metal materials (NLB 86, p. 80).

**Liability and compensation**


• 2007 Amendment of the Law on Civil Liability for Nuclear Damage (NLB 80, p. 83).
Licensing and regulatory infrastructure


Nuclear installations

- 2004 Norms on the Classification of Bodies Qualified for the Exercise of Activities in the Nuclear Field (NLB 74, p. 58).
- 2008 Decision on the selection of the investors of Units 3 and 4 of Cernavoda NPP, (NLB 82, p. 127).

Nuclear safety and radiological protection (including nuclear emergency planning)

- 2001 Regulation on the Operational Protection of Outside Workers Exposed to the Risk of Ionising Radiation during their Activities in Controlled Areas (NLB 68, p. 68).
- 2001 Norms on Medical Surveillance of Workers Occupationally Exposed to Ionising Radiation (NLB 69, p. 87).
- 2002 Orders Implementing European Legislation in the Field of Radiation Protection (NLB 71, p. 75).
- 2002 Norms on Radiological Safety (NLB 71, p. 75).
- 2002 Norms on Foodstuffs and Feeding Stuffs Contaminated by Radioactivity Following a Nuclear Accident or Radiological Emergency (NLB 71, p. 77).
- 2003 Norms for Operational Radiation Protection for the Conduct of Non-destructive Control Practices involving Ionising Radiation (NLB 73, p. 89).
- 2003 Norms on Radiological Safety in Diagnosis and Interventional Radiology Procedures (NLB 73, p. 90).
- 2003 Norms on Radiological Safety of Decommissioned Mining and/or Processing Facilities for Uranium and/or Thorium Ores (NLB 73, p. 90).
- 2004 Health Norms for the Safe Conduct of Nuclear Activities (NLB 74, p. 57).
• 2004 Order Providing Specific Measures to Protect Individuals’ Health against Ionising Radiations during Medical Exposure (NLB 75, p. 121).
• 2005 Norms on Requirements to be Fulfilled by Licensed Operating Staff, Management Staff and Specific Training Staff in Nuclear Installations (NLB 75, p. 121).
• 2005 Norms on Radiological Safety for Nuclear Medicine Practice (NLB 75, p. 122).
• 2005 Order on Methodological Norms Regarding Planning, Organisation and Intervention in the Event of a Nuclear Accident or Radiological Emergency (NLB 76, p. 82).
• 2005 Order Approving Generic Procedures for Data Collection, Validation and Response during a Radiological Emergency (NLB 76, p. 82)
• 2005 Order Approving Guidelines on the Monitoring of Radioactive Emissions Originating from Nuclear and Radiological Installations (NLB 77, p. 60).
• 2005 Order Approving Guidelines on Orphan Sources and High Activity Sealed Sources (NLB 77, p. 60).
• 2007 Government Decision on the Monitoring of the Health of Personnel (NLB 80, p. 79).
• 2008 Consolidated version of the Civil Protection Law (NLB 82, p. 127).
• 2008 National strategy for preventing emergency situations (NLB 82, p. 127).
• 2008 National strategy for information sharing and communication in the event of an emergency (NLB 82, p. 128).
• 2010 Emergency Ordinance on the identification, designation and protection of critical infrastructures (NLB 87, p. 98).
• 2010 Emergency Ordinance on the control regime of dual-use items (NLB 87, p. 98).
• 2010 Amendment to the Act on the safe conduct of nuclear activities (NLB 87, p. 99).
• 2010 Nuclear safety norms on design and construction of nuclear power plants and nuclear safety norms on siting of nuclear power plants (NLB 87, p. 99).
• 2015 Order No. 51/2015 for approval of the Nuclear Safety Guide regarding industrial codes and standards for nuclear power plants (NLB 96, p. 88).
• 2015 Order No. 177/2015 for approval of norms regarding nuclear safety policy and independent assessment of nuclear safety (NLB 96, p. 88).
• 2015 Order No. 180/2015 for approval of the guide regarding independent verification of the nuclear safety analyses and evaluation for nuclear installations (NLB 96, p. 88).
Nuclear security

- 2007 Order on Preventive Protection of Nuclear Installations (NLB 80, p. 80).
- 2007 Order on the Verification of the Physical Protection System of Nuclear Installations (NLB 80, p. 81).
- 2014 Order No. 181/2014 for approval of norms regarding the protection of nuclear installation against cyber threats (NLB 96, p. 88).

Nuclear trade (including non-proliferation)

- 1992 Decision on Import/Export of Sensitive Articles and Technology (NLB 50, p. 68).
- 2004 Decision Establishing the List of Dual-Use Products and Technologies Subject to the Export and Import Control Regime (NLB 74, p. 58).

Organisation and structure

- 1991 Decree on the Operation of the National Commission for the Control of Nuclear Activities (NLB 47, p. 53).
- 1998 Decree on the Restructuring of the Romanian Electricity Authority (NLB 62, p. 69).
- 1999 Regulation on the Accreditation of Bodies in the Nuclear Field (NLB 65, p. 50).
- 2003 Decision on the Organisation of the Nuclear Agency (NLB 73, p. 89).
- 2003 Decision on the Organisation of the National Agency for Radioactive Waste (NLB 73, p. 90)
- 2004 Ordinance on the Reorganisation of the Central Public Administration (NLB 73, p. 89).
- 2004 Decision on the Reorganisation of the National Uranium Company (NLB 74, p. 57).
• 2008 Decision on the organisational structure of the Nuclear Agency (NLB 82, p. 126).
• 2009 Amendment to the regulations on the organisation and operation of CNCAN (NLB 84, p. 136).

**Radioactive materials (including physical protection)**

• 2004 Norms on Exemption from Authorisation Requirements for Certain Materials (NLB 74, p. 58).
• 2004 Decision Establishing the List of Dual-use Products and Technologies Subject to the Export and Import Control Regime (NLB 74, p. 58).
• 2008 Decision on the national strategy for state defence (NLB 83, p. 106).
• 2009 Decision on the repatriation of nuclear material to the Russian Federation, (NLB 84, p. 136).
• 2009 Decision on the processing of uranium stocks (NLB 84, p. 137).

**Radioactive waste management**

• 2003 Decision on Contributions to the National Agency for Radioactive Agency (NLB 73, p. 91).

**Transport of radioactive materials**

• 2001 Norms on the Transport of Radioactive Materials (NLB 69, p. 87).
• 2002 Norms on Transport of Radioactive Materials (NLB 71, p. 77).
• 2007 Order on Physical Protection of Nuclear Materials During Transport (NLB 80, p. 80).
• 2007 Guidelines regarding the road haulage of hazardous goods on the Romanian territory (NLB 81, p. 112).
• 2008 Order adopting the INF Code (NLB 81, p. 112).
• 2008 Order on the supervision and control of international shipments of radioactive waste and spent nuclear fuel (NLB 83, p. 106).

**Administrative decisions**

• 2003 Government Decision for the return of nuclear fuel to the Russian Federation (NLB 72, p. 48).

**Agreements**

• 1974 Co-operation Agreement with Belgium on the Peaceful Uses of Nuclear Energy (NLB 20, p. 30).
• 1991 Agreement with the European Communities on Commercial and Economic Co-operation (NLB 48, p. 66).
• 1995 Agreement with Greece on Early Notification of a Nuclear Accident and Information Exchange (NLB 55, p. 54).
• 1997 Agreement with Greece on Early Notification and Information on Nuclear Facilities (NLB 61, p. 100).
• 1997 Agreement with Bulgaria on Early Notification of a Nuclear Accident (NLB 60, p. 105).
• 1998 Agreement with Germany on Co-operation and Information Exchange in the Field of Nuclear Safety (NLB 65, p. 62).
• 1999 Agreement with the United States concerning Peaceful Uses of Nuclear Energy (NLB 64, p. 70).
• 2001 Arrangement with France on the Exchange of Information and on Co-operation in the Field of Nuclear Safety (NLB 69, p. 100).

• 2002 Agreements with the Russian Federation on Early Notification of Nuclear Accidents and Information Exchange on Nuclear Facilities (NLB 69, p. 102).

• 2002 Agreements with the Slovak Republic on Early Notification of Nuclear Accidents and Information Exchange on Nuclear Facilities (NLB 69, p. 102).

• 2003 Memorandum of Understanding with the Republic of Korea on Co-operation in Nuclear Energy Projects (NLB 72, p. 72).

• 2004 Agreement with Ukraine on Early Notification of Nuclear Accidents and Exchange of Information in the Field of Nuclear and Radiation Safety (NLB 74, p. 80).

• 2009 Agreements with Belgium covering several nuclear-related areas of research including reactor safety, radioactive waste management and fourth generation reactor technologies (NLB 84, p. 193).


• 2015 Memorandum of Understanding for Co-operation and Exchange of Information in Nuclear Regulatory Matters between the National Commission for Nuclear Activities Control (CNCA) of Romania and the President of National Atomic Energy Agency (PAA) of Poland (NLB 96, p. 87).

• 2015 Government Decision No. 540/2015 for approval of the Agreement between the Government of Romania and the Government of the People’s Republic of China regarding co-operation in the peaceful uses of nuclear energy, signed on 1 September 2014, in Beijing (NLB 96, p. 87).

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**Russian Federation**

*Legislative and regulatory activities*

**Environmental protection**

• 1991 Law on Environmental Protection. 2001 Amendment (NLB 68, p. 69).

**General legislation, regulations and instruments**

• 1991 Act on Social Protection of Victims of the Chernobyl Disaster (NLB 48, p. 50).

• 1995 Federal Law on the Use of Atomic Energy (NLB 58, p. 97). The text of the Law is reproduced in the *Supplement to NLB 57*. 2001 Amendment (NLB 68,

- 1996 Regulations in the Field of Nuclear Energy (NLB 58, p. 97).

**Liability and compensation**


**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1997 Regulations on Nuclear and Radiation Safety (NLB 60, p. 90).
- 2001 Law on Special Ecological Programmes for the Rehabilitation of Radioactively Contaminated Areas (NLB 68, p. 69).

**Nuclear trade (including non-proliferation)**

- 2001 Laws allowing the import of spent nuclear fuel for storage and reprocessing (NLB 68, p. 69).
- 2003 Decree on the List of Dual-Use Equipment and Materials Subject to Export Controls (NLB 74, p. 61).
- 2004 Decree on the List of Dual-Use Goods and Technologies Subject to Export Controls (NLB 74, p. 61).

**Organisation and structure**

- 2001 Order reorganising Rosenergoatom (NLB 68, p. 68).
- 2004 Decrees Establishing New Federal Agencies in the Nuclear Energy Field (NLB 74, p. 60).
- 2007 Reform of the Russian Nuclear Power Industry (NLB 80, p. 84).
- 2007 Reform of the Russian nuclear power industry (NLB 81, p. 113).
- 2008 Decree transferring responsibilities to the Ministry of Natural Resources and Ecology (NLB 82, p. 128).
Radioactive materials (including physical protection)


Radioactive waste management


Case law

- 2002 Supreme Court Decision overturning "exemption" for foreign spent fuel (NLB 69, p. 58).

Agreements (including the former USSR)

- 1976 Agreement with France relating to the Prevention of Accidental or Unauthorised Use of Nuclear Weapons (NLB 18, p. 19).
- 1987 Agreement with Finland on Early Notification of a Nuclear Accident and Exchange of Information on Nuclear Facilities (NLB 39, p. 35). The text of the Agreement is reproduced in NLB 39, p. 54.
• 1988 Agreement with the United Kingdom on Exchange of Information Concerning Nuclear Safety (NLB 42, p. 52).
• 1988 Memorandum of Co-operation with the United States in the Field of Nuclear Reactor Safety (NLB 43, p. 94).
• 1988 Agreement with Sweden on Early Notification of a Nuclear Accident and Exchange of Information on Nuclear Installations (NLB 46, p. 88).
• 1989 Memorandum of Co-operation with Italy on Controlled Thermonuclear Fusion Research (NLB 45, p. 83).
• 1990 Agreement with the IAEA on International Research on the Consequences of the Accident at the Chernobyl Nuclear Power Plant (NLB 46, p. 88).
• 1990 Memorandum of Understanding with WHO on an International Programme on the Health Effects of the Chernobyl Accident (NLB 46, p. 89).
• 1991 Agreement with Germany on Termination of the Activities of the Wismut Company (NLB 49, p. 73).
• 1992 Agreement with Germany on Co-operation in the Field of Environmental Protection (NLB 51, p. 86).
• 1992 Agreement with France on Co-operation on the Safe Disposal of Nuclear Weapons in Russia and on the Use for Peaceful Purposes of Nuclear Materials from Weapons (NLB 69, p. 100).
• 1993 Agreement with the United States on Operational Safety Enhancements etc. (NLB 53, p. 109).
• 1994 Agreement with Brazil on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 56, p. 97).
• 1994 Agreement with the Czech Republic on Co-operation in the Field of Nuclear Energy (NLB 56, p. 99). 1999 Supplement to the Agreement (NLB 64, p. 69).
• 1995 Memorandum of Understanding with the European Commission on Technical Assistance in Nuclear Safety (NLB 55, p. 54; NLB 57, p. 89).
• 1995 Agreement with Bulgaria on Co-operation in the Field of Nuclear Energy (NLB 56, p. 98).


• 1996 Agreement with the United Kingdom for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 58, p. 126).


• 1996 Agreement with Bulgaria for Co-operation in the Field of Nuclear Safety (NLB 59, p. 67).


• 1998 Agreement with Germany on Nuclear Liability in respect of Supplies Delivered from Germany to Nuclear Installations in the Russian Federation (NLB 62, p. 83; NLB 63, p. 87). The text of the Agreement is reproduced in NLB 63, p. 105.

• 1998 Agreement with the United States on the Nuclear Cities Initiative (NLB 62, p. 86).


• 1999 Agreement with Syria on Co-operation on the Peaceful Uses of Nuclear Power (NLB 64, p. 71).


• 2000 Agreement with France on Third Party Liability for Nuclear Damage (NLB 66, p. 63). The text of the Agreement is reproduced in NLB 66, p. 76.

• 2000 Memorandum of Understanding with Japan on Co-operation in the Fields of Denuclearisation, Disarmament and Non-Proliferation in the Russian Federation (NLB 66, p. 65).

• 2000 Co-operation Agreement with Armenia on the Peaceful Use of Nuclear Energy (NLB 67, p. 61).

• 2001 Agreement with the European Union on Nuclear Safety (NLB 68, p. 80).

• 2001 Agreement with the European Union on Controlled Nuclear Fusion (NLB 68, p. 80).

• 2002 Agreements with Romania on Early Notification of Nuclear Accidents and Information Exchange on Nuclear Facilities (NLB 69, p. 102).
• 2002 Protocol with Ukraine on Co-operation in the Field of the Peaceful Use of Atomic Energy (NLB 69, p. 103).

• 2002 Agreement with Ukraine on Exchange of Information and Co-operation in the Field of Safety Regulation in Respect of the Peaceful Utilisation of Nuclear Energy (NLB 70, p. 66).

• 2002 Trilateral Agreement with Bulgaria and Ukraine on Nuclear Transport (NLB 72, p. 69).

• 2003 Agreement with the United Kingdom on Nuclear Proliferation Prevention (NLB 72, p. 73).

• 2003 Agreements with Germany on the Elimination and Disposal of Nuclear Weapons (NLB 73, p. 105).

• 2003 Agreement with Germany Concerning Co-operation and Exchange of Information and Experience in the Field of Nuclear Safety and Radiation Protection (NLB 74, p. 79).

• 2008 Agreement with the United States on nuclear co-operation in the peaceful use of nuclear energy (NLB 82, p. 199).

• 2008 Agreement with Venezuela for co-operation in the field of the peaceful use of nuclear energy (NLB 82, p. 200).

• 2008 Agreement with Armenia setting up a joint venture to prospect for and mine uranium and other minerals in Armenia (NLB 82, p. 200).

• 2008 Agreement with Mongolia to co-operate in the production of Mongolian uranium (NLB 82, p. 200).

• 2008 avec la Chine sur l’assistance technique pour la construction de la quatrième phase de l’installation d’enrichissement de l’uranium par diffusion gazeuse en Chine et la fourniture d’uranium enrichi russe à la Chine (NLB 82, p. 206).

• 2008 de coopération avec la Chine permettant à la Russie de participer à un appel d’offres pour construire la première centrale nucléaire égyptienne (NLB 82, p. 206).

• 2008 Agreement with India on civil nuclear co-operation in the construction of additional units at Kudankulam as well as in the construction of Russian-designed nuclear plants at new sites in India. (NLB 82, p. 200).

• 2008 Accords with Algeria on training, research and human resources (NLB 82, p. 200).

• 2009 Memorandum of understanding with Bangladesh on co-operation in nuclear energy (NLB 83, p. 141).

• 2009 Agreement with India on civil nuclear co-operation (NLB 83, p. 141).

• 2009 Agreement with Japan on co-operation in the field of the peaceful use of nuclear energy (NLB 83, p. 141).
2009 Memorandum of understanding with Nigeria on co-operation in the peaceful use of nuclear energy (NLB 83, p. 141).

2009 Memorandum of understanding with Oman in the field of peaceful use of nuclear energy (NLB 83, p. 141).

2009 Agreement with Ukraine securing Ukraine’s nuclear fuel supply for 2009-2010 (NLB 83, p. 141).

2009 Agreement with Jordan on assistance to Jordan in building power and desalination plants (NLB 83, p. 141).

2009 Memorandum of understanding with Mongolia on training of nuclear specialists (NLB 83, p. 141).

2009 Agreement with Nigeria on co-operation in the peaceful uses of nuclear energy (NLB 84, p. 193).

2009 Agreement with Egypt on co-operation in uranium prospecting and mining in Egypt (NLB 84, p. 193).

2009 Agreement with Mongolia to set up a joint venture in the field of uranium mining (NLB 84, p. 193).

2010 Agreement with India to increase civilian nuclear energy co-operation (NLB 85, p. 151).

2010 Agreement with India on civilian nuclear co-operation (NLB 85, p. 151).

2010 Agreement with Italy of co-operation in the nuclear sector (NLB 85, p. 151).

2010 Memorandum of understanding with Argentina to co-operate in the peaceful uses of nuclear energy including the construction of a nuclear power plant and the supply of nuclear fuel (NLB 85, p. 151).

2010 Protocol agreement with Türkiye to co-operate on the construction and operation of a nuclear power plant in Türkiye (NLB 85, p. 151).

2010 Agreement with India on the construction of nuclear reactors in India (NLB 85, p. 151).

2010 Agreement with Italy on a joint study on nuclear fusion (NLB 85, p. 151).

2010 Agreement with the IAEA to establish an international nuclear fuel bank, (NLB 85, p. 152).

2010 “New” START agreement with the United States on the reduction of deployed strategic nuclear warheads (NLB 85, p. 152).

2010 Agreement with France on the Expanded Co-operation Agreement in the Nuclear Field (NLB 86, p. 93).


2010 Memorandum of Understanding with Qatar on Co-operation in Civil Nuclear Energy Activities (NLB 86, p. 93).
• 2010 Agreement with South Africa for the supply of enriched uranium to South Africa (NLB 86, p. 94).
• 2010 Agreement with Australia on the supply of Australian uranium to Russia for use in its civil nuclear power industry (NLB 86, p. 94).
• Agreement with Armenia on intergovernmental co-operation for the construction of new nuclear power capacity (NLB 86, p. 94).
  2010 Agreement with Ukraine on the completion of two reactor units at Ukraine’s Khmelnitski nuclear power plant (NLB 86, p. 94).
• 2010 Agreement with Venezuela on the construction of two nuclear units in Venezuela (NLB 86, p. 94).
• 2010 Agreement with Viet Nam on the construction of two nuclear units in Viet Nam (NLB 86, p. 94).
• 2013 Agreements with Belarus regarding co-operation in the field of nuclear safety, early notification of a nuclear accident, radiation safety and nuclear and radiation safety supervision in the peaceful uses of nuclear energy (NLB 93, p. 97).

**Saudi Arabia**

**Agreements**

• 2010 Agreement with France on Co-operation on Civil Nuclear Power (NLB 86, p. 93).

**Serbia**

**Legislative and regulatory activities**

*General legislation, regulations and instruments*

• 2009 New comprehensive act on nuclear energy (NLB 83, p. 106).

*Organisation and structure*

• 2009 Establishment of the Agency for Radiation Protection and Nuclear Safety (NLB 86, p. 80).
(Former) Serbia and Montenegro

Legislative and regulatory activities

General legislation


Singapore

Legislative and regulatory activities

Nuclear safety and radiological protection (including nuclear emergency planning)

- 1991 Radiation Protection Act (NLB 50, p. 68).

Agreements


Slovak Republic

Legislative and regulatory activities

Environmental protection

- 2014 46th meeting of the Aarhus Convention Compliance Committee (NLB 94, p. 128).

General legislation, regulations and instruments

- 1998 Law on the Peaceful Use of Nuclear Energy (NLB 60, p. 91; NLB 61, p. 84). The text of the Law is reproduced in the Supplement to NLB 62.
- 2004 Atomic Act (NLB 74, p. 61).
- 2006 New Regulations Adopted in Implementation of the 2004 Atomic Act (NLB 77, p. 61)
- 2007 Amendment of the Atomic Act (NLB 79, p. 69).
• 2007 Atomic Act Amendment on Alternative Financing of the Nuclear Regulatory Body, (NLB 80, p. 85).
• 2009 Amendment of the Atomic Act (NLB 85, p. 110).
• 2013 Act No. 143 to amend and supplement the 2004 Atomic Act (NLB 92, p. 111).
• 2016 Amendments to the Nuclear Regulatory Authority of the Slovak Republic regulations (NLB 97, p. 88).
• 2017 Amendment to the Atomic Act (NLB 99, p. 84).
• 2018 Drafting of new Atomic Act (NLB 102, p. 94).
• 2019 Draft Decree on professional competence (NLB 103, p. 59).
• 2019 Quadrilateral meeting with the Czech, Hungarian and Slovenian regulatory authorities (NLB 103, p. 59).
• 2019 Bilateral meeting with Austrian authorities (NLB 103, p. 59).
• 2019 Decree amending and supplementing Decree on professional competency, as amended (NLB 104, p. 19).
• 2020 Bilateral meeting with Polish supervisory authority (NLB 104, p. 19).

**International co-operation**

• 2018 Quadrilateral meeting of nuclear regulatory authorities of the Czech Republic, Hungary, the Slovak Republic and Slovenia (NLB 101, p. 86).

**Liability and compensation**

• 1999 Decree establishing the Maximum Limits for Quantities of Nuclear Material below which Nuclear Damage is not Expected to be Caused (NLB 70, p. 57).
• 2014 Resolution regarding draft law on civil liability for nuclear damage and postponement of decision on accession to the 1997 Protocol amending the 1963 Vienna Convention (NLB 94, p. 127).
• 2015 Act No. 54/2015 Coll. on Civil Liability for Nuclear Damage and its Financial Coverage and on changes and amendments to certain laws (NLB 95, p. 78).
• 2015 Regulation No. 170/2015 Establishing a List of Radioactive Materials, Their Quantities and Their Physical and Chemical Parameters Justifying the Low Risk of Nuclear Damage (NLB 96, p. 89).
Nuclear installations

- 1999 Decree on Documentation on Nuclear Installations during Decommissioning (NLB 66, p. 49).
- 2002 Decree on Requirements on Quality Systems of the Licensees and on Alteration and Amendment of the Decree on the Qualifications of Personnel of Nuclear Installations (NLB 70, p. 56).
- 2021 Amendment of the Act No. 541/2004 Coll. on the Peaceful Use of Nuclear Energy designating the specific approval procedure of nuclear installations by the “envelope method” (NLB 107, p. 66).

Nuclear safety and radiological protection (including nuclear emergency planning)

- 2002 Decree on the Safety Documentation of Nuclear Installations and on Alteration and Amendment of the Decree On Emergency Planning in the Event of a Nuclear Incident or Accident (NLB 70, p. 56).
- 2003 Decree on Nuclear Safety Requirements for Nuclear Installations (NLB 72, p. 56).
- 2003 Decree on Nuclear Safety Assessment (NLB 72, p. 57).
- 2018 New act on protection against radiation and amendments and alterations of several additional acts (NLB 101, p. 85).
- 2019 Decree on the regular, comprehensive and systematic evaluation of the nuclear safety of nuclear equipment (NLB 102, p. 95).

Nuclear security

- 2016 Entry into force of the Amendment to the Convention on the Physical Protection of Nuclear Material (NLB 98, p. 80).

Nuclear trade (including non-proliferation)

- 2020 Draft Decree on special materials and equipment falling under the supervision of the Nuclear Regulatory Authority of the Slovak Republic (NLB 104, p. 20).
**Organisation and structure**
- 2006 Act establishing a Nuclear Decommissioning Fund (NLB 78, p. 54).

**Radioactive materials (including physical protection)**
- 1999 Decree on Accounting for and Control of Nuclear Materials (NLB 66, p. 49).
- 1999 Decree issuing the List of Special Materials and Equipment (NLB 70, p. 56).

**Radioactive waste management**

**Transport of radioactive materials**

**Case law**
- 2003 Judgment concerning the right of the Nuclear Regulatory Authority to deny information classified as a commercial secret from requests for public information (NLB 72, p. 39).
- 2004 Judgment of the Slovak Constitutional Court on Greenpeace claim (NLB 74, p. 35).
- 2010 Aarhus Convention compliance update (NLB 88, p. 71).
- 2013 New developments including the Supreme Court’s judgment in a matter involving Greenpeace Slovakia’s claims regarding the Mochovce nuclear power plant (NLB 92, p. 89).
- 2013 New developments in the matter involving Greenpeace’s demands for information under the Freedom of Information Act (NLB 92, p. 91).
- 2013 Further developments in cases related to the challenge by Greenpeace Slovakia to the Mochovce nuclear power plant (NLB 93, p. 91).
- 2013 Developments in relation to the disclosure of information concerning the Mochovce nuclear power plant (NLB 93, p. 91).
- 2014 Further developments in cases related to the challenge by Greenpeace Slovakia to the Mochovce nuclear power plant (NLB 94, p. 116).
- 2014 Developments in relation to the disclosure of information concerning the Mochovce nuclear power plant (NLB 94, p. 117).
- 2015 Further developments in cases related to the challenge by Greenpeace Slovakia to the Mochovce nuclear power plant (NLB 95, p. 65).
• 2015 Developments in relation to the disclosure of information concerning the Mochovce nuclear power plant (NLB 96, p. 78).

Agreements


• 1998 Agreement with Ukraine on Early Notification of Nuclear Accidents, Exchange of Information and Co-operation in the Field of Nuclear Safety and Radiation Protection (NLB 64, p. 71).

• 1999 Agreement with Bulgaria for Co-operation on the State Control of Safety in the Use of Atomic Energy (NLB 65, p. 59).

• 1999 Agreement with Slovenia for the Exchange of Information in the Field of Nuclear Safety (NLB 65, p. 65).

• 2002 Agreements with Romania on Early Notification of Nuclear Accidents and Information Exchange on Nuclear Facilities (NLB 69, p. 102; NLB 71, p. 85).

• 2002 Agreement with the Czech Republic on Early Notification of a Nuclear Accident (NLB 71, p. 85).

• 2008 Joint Political Declaration with France on strategic partnership and a co-operation agreement on civilian nuclear energy (NLB 82, p. 199).

• 2010 Agreement with the US Nuclear Regulatory Commission on the exchange of technical information (NLB 86, p. 94).

• 2021 Memorandum of Understanding with the US Nuclear Regulatory Commission regarding the exchange of technical information and co-operation in nuclear safety matters (NLB 107, p. 66).

Slovenia

Legislative and regulatory activities

General legislation, regulations and instruments


• 2008 Decree on the designation of affected areas and the compensation due to the limited use of land surrounding the Žirovki Vrh Uranium Mine (NLB 81, p. 113).

• 2008 Decree on safeguarding of nuclear materials (NLB 81, p. 114).
• 2015 Amendments of the Decree on areas of restricted use of space due to a nuclear facility and the conditions of facility construction in these areas (NLB 95, p. 80).


**Liability and compensation**


• 1998 Decree establishing the Amount of Operator’s Liability and the Corresponding Amount of Insurance for Nuclear Damage (NLB 63, p. 78). Repealed and replaced by 2001 Decree on the same topic (NLB 69, p. 88).

• 2010 Act on Liability for Nuclear Damage (NLB 86, p. 82).

**Nuclear installations**

• 2003 Decree on compensation due to the limited use of land surrounding a nuclear facility (NLB 73, p. 94).

• 2004 Decree on restrictions on the use of land surrounding a nuclear facility and on conditions for construction in such areas (NLB 73, p. 93).

**Nuclear safety and radiological protection (including nuclear emergency planning)**


• 2003 Regulation on Conditions for the Use of Radiation Sources in Health Care (NLB 73, p. 92).

• 2003 Regulation on Conditions and Methods of Assessment of Doses for the Protection of Workers and the Population against Ionising Radiation (NLB 73, p. 92).

• 2003 Regulation on Medical Surveillance of Exposed Workers (NLB 73, p. 92).

• 2003 Regulation on Obligations of the Person Carrying out a Radiation Practice and of the User of a Radiation Sources (NLB 73, p. 93).

• 2004 Regulation on the Qualifications of Experts in the Area of Ionising Radiation (NLB 73, p. 93).

• 2004 Regulation on the Personal Dose Data of Radiation Workers (NLB 73, p. 93).

• 2004 Decree on Radiation Practices (NLB 75, p. 124).

• 2004 Decree on Dose Limits, Radioactive Contamination and Intervention Levels (NLB 75, p. 124).

• 2004 Regulation on Use of Potassium Iodide Tablets (NLB 75, p. 124).
• 2005 Regulation on Requirements for Workers in Nuclear Installations and Radiation Facilities (NLB 76, p. 83).

• 2006 Regulation on the Use of Radiation Sources and Radiation Practices (NLB 77, p. 62).

• 2006 Regulation on Approved Experts for Radiation and Nuclear Safety (NLB 78, p. 55).

• 2007 Regulation on Monitoring of Radioactivity (NLB 79, p. 70).

• 2009 Rules on operational safety of radiation and nuclear facilities (NLB 86, p. 81).

• 2009 Rules on radiation and nuclear safety factors (NLB 86, p. 82).

• 2011 Act Amending the Act on Ionising Radiation Protection and Nuclear Safety (NLB 88, p. 91).

• 2011 Rules on providing qualification for workers in radiation and nuclear facilities (NLB 89, p. 132).

• 2013 Resolution on Nuclear and Radiation Safety in Slovenia (NLB 92, p. 112).

• 2015 Amendments to the Ionising Radiation Protection and Nuclear Safety Act (NLB 96, p. 90).

• 2016 Decree on the programme of the systematic monitoring of working and living environments and raising awareness about measures to reduce public exposure to natural radiation sources (NLB 98, p. 81).

• 2016 Rules on radiation and nuclear safety factors (NLB 99, p. 86).

• 2016 Rules on operational safety of radiation and nuclear facilities (NLB 99, p. 87).

• 2016 Rules on the method of keeping records of personal doses due to exposure to ionising radiation (NLB 99, p. 87).

• 2017 Decree on activities involving radiation (NLB 99, p. 85).

• 2017 Rules on the requirements and methodology of dose assessment for the radiation protection of the population and exposed workers (NLB 99, p. 88).

• 2017 Rules on the obligations of persons performing radiation practices and holders of ionising radiation sources (NLB 99, p. 88).

• 2017 New Ionising Radiation Protection and Nuclear Safety Act (NLB 100, p. 100)

• 2017 New regulations adopted on the basis of Ionizing Radiation Protection and Nuclear Safety Act (NLB 101, p. 87).

• 2019 New regulations adopted on the basis of Ionising Radiation Protection and Nuclear Safety Act from 2017 (NLB 103, p. 60).

• 2019 Act Amending the Protection against Ionising Radiation and Nuclear Safety Act (NLB 104, p. 20).
• 2020 Decree on areas of restricted use due to nuclear facilities and on the conditions for construction in these areas (NLB 104, p. 21).

• 2020 Decree on the criteria for determining the compensation rate due to the restricted use of areas and intervention measures in nuclear facility areas (NLB 104, p. 21).

**Nuclear security**


**Nuclear trade (including non-proliferation)**

• 1999 Amendments to the Decree on Imports and Exports of Specified Goods (NLB 64, p. 60).

• 2000 Act on Export Control of Dual-Use Goods (NLB 66, p. 50).

**Organisation and structure**

• 2001 Transfer of responsibilities in the energy sector (NLB 68, p. 69).

• 2003 Regulation on the Organisation and Assignment of Ministerial Responsibilities (NLB 72, p. 57).

• 2004 Amendment of the Act on State Administration (NLB 75, p. 123).

**Radioactive waste management**

• 2004 Regulation on Shipments of Radioactive Waste into and out of the EU (NLB 75, p. 124).

• 2006 Regulation on the Classification of Radioactive Waste (NLB 78, p. 55).

**Transport of radioactive materials**

• 1999 Act on Transport of Dangerous Goods (NLB 65, p. 50).

• 2007 Decree on the Control of Radioactive Contamination in the Shipment of Scrap Metal (NLB 80, p. 85).

• 2008 Regulation on the transboundary shipments of nuclear and radioactive substances (NLB 83, p. 108).

• 2009 Regulation on the transboundary shipments of radioactive waste and spent fuel (NLB 83, p. 107).

**Agreements**


• 1995 Co-operation Agreement with Canada in the Field of Peaceful Uses of Nuclear Energy (NLB 57, p. 87).

• 1995 Agreement with Hungary on Early Notification of Radiological Emergencies (NLB 57, p. 92).


• 1999 Agreement with the Slovak Republic for the Exchange of Information in the Field of Nuclear Safety (NLB 65, p. 65).


• 2000 Arrangement with France for the Exchange of Information and Co-operation in the Field of Nuclear Safety (NLB 66, p. 64).

• 2000 Arrangement with the Czech Republic on the Exchange of Information in the Nuclear Field (NLB 67, p. 62).

• 2001 Agreement with Croatia on Ownership of Krško Nuclear Power Plant (NLB 69, p. 99).

South Africa

Legislative and regulatory activities

General legislation, regulations and instruments


• 2006 Regulations on the Keeping of Records (NLB 79, p. 71).

Liability and compensation

• 1999 Nuclear Energy Act (NLB 65, p. 51).
Nuclear installations


Nuclear safety and radiological protection (including nuclear emergency planning)

- 1973 Governmental Notice concerning the Control of Electronic Products Emitting Radiation (NLB 15, p. 15).

Nuclear-powered ships

- 1974 Nuclear Installations (Licensing and Security) Amendment Act (NLB 17, p. 16).

Organisation and structure

- 1999 National Nuclear Regulator Act (NLB 65, p. 51).
- 2005 Recent regulatory developments in the nuclear field in South Africa (NLB 76, p. 84).

Radioactive materials (including physical protection)


Agreements

- 2009 Agreement with the United States on Co-operation in Research and Development of Nuclear Energy (NLB 84, p. 193).
- 2010 Agreement with the Russian Federation for the Supply of Enriched Uranium to South Africa (NLB 86, p. 94).

Case law

- 2007 Judgment of the Cape High Court in the Case of McDonald and Others v. Minister of Minerals and Energy and Others (NLB 80, p. 66).
Spain

Legislative and regulatory activities

Environmental protection


General legislation, regulations and instruments

- 1995 Royal Decree in respect of the Indemnification of Nuclear Power Plant Investors Affected by the National Moratorium on Construction of Nuclear Power Plants (NLB 58, p. 110).

Liability and compensation

- 1967 Decree approving the Regulations on Cover for Nuclear Damage Hazards. 1968 Amendments (NLB 1, p. 18; NLB 2, p. 21).
- 1974 Accession to the Brussels Convention relating to Civil Liability in the Field of Maritime Carriage of Nuclear Material (NLB 14, p. 43).
- 1986 and 1994 Increases in amount of the nuclear operator’s liability (NLB 38, p. 32; NLB 55, p. 42).
- 1997 Regulation concerning the Almarez Nuclear Power Plant (NLB 63, p. 79).
- 2007 Amendment to the Nuclear Energy Act (NLB 80, p. 86).
- 2011 Act on Third Party Liability for Nuclear Damage or Damage Caused by Radioactive Materials (NLB 88, p. 91).

Nuclear installations

- 1971 Order exempting Certain Installations from the Generally Applicable System of Licensing (NLB 9, p. 26).

Nuclear safety and radiological protection (including nuclear emergency planning)

- 1971 Order laying down General Regulations on Health and Safety at Work (NLB 8, p. 18).
replaced by 2001 Royal Decree approving the Regulations on Health Protection against Ionising Radiation (NLB 68, p. 70).

- 1990 Royal Decree laying down Basic Measures for Radiation Protection of Persons Undergoing Medical Examination or Treatment (NLB 47, p. 54).
- 1991 Decree on X-ray Equipment for Medical Diagnosis (NLB 49, p. 60).
- 1993 Order on Informing the General Public in Case of a Radiological Emergency (NLB 52, p. 65).
- 1997 Decree on the Operational Protection of Outside Workers (NLB 62, p. 70).
- 2006 Decree on the Control of High-activity Sealed Radioactive Sources and Orphan Sources (NLB 78, p. 55).
- 2009 Regulation on installation and use of X-ray devices for medical diagnostic purposes (NLB 84, p. 138).
- 2018 Royal Decree approving the Regulation on Nuclear Safety in Nuclear Facilities (NLB 102, p. 96).

Nuclear security


Organisation and structure

- 1968 Decree laying down a System of Authorisation for Industries which Produce and Utilise Nuclear Energy (NLB 3, p. 12).
- 1974 Decree relating to Composition of the Board of the Junta de Energía Nuclear (NLB 15, p. 18).


• 1998 Law establishing the National Energy Commission (NLB 63, p. 78).

• 2000 Transfer of responsibilities in the field of nuclear energy (NLB 66, p. 51).

• 2007 Law creating the Nuclear Safety Council (NLB 81, p. 114).

**Radioactive materials (including physical protection)**

• 1995 Royal Decree on Physical Protection of Nuclear Material (NLB 55, p. 41).

• 1999 Royal Decree on Activities Comprising the Front End of the Nuclear Fuel Cycle (NLB 67, p. 52).

• 2005 Order on Activities in the Front End of the Nuclear Fuel Cycle (NLB 78, p. 56).

• 2016 Royal Decree amending another Royal Decree on the physical protection of facilities, nuclear materials and radioactive sources (NLB 97, p. 91).

**Radioactive waste management**


• 2003 Decree on Activities performed by ENRESA and their financing (NLB 73, p. 94).

• 2005 Decree-Law on Urgent Reforms to Promote Productivity and Improve Public Contracting (NLB 78, p. 56).

• 2005 Law on Reforms for the Promotion of Productivity (NLB 78, p. 57).

• 2009 Law regulating limited investment companies quoted on the real estate market (NLB 85, p. 111).


• 2013 Ministerial Order on the management of wastes generated in activities using materials that contain natural radionuclides (NLB 93, p. 110).
• 2016 Ministerial Order regulating allocations to municipalities in the vicinity of nuclear facilities from the Fund for the financing of activities included in the General Radioactive Waste Plan (NLB 97, p. 92).

• 2019 Royal Decree modifying the fee that finances the service rendered by Empresa Nacional de Residuos Radiactivos, S.A., S.M.E (Enresa) to the operative nuclear power plants (NLB 104, p. 22).


**Transport of radioactive materials**


• 2009 Regulation on the transboundary shipments of radioactive waste and spent fuel (NLB 84, p. 138).

**Case law**

• 1973 Judgment of the Supreme Court on an Administrative Decision authorising the construction of a nuclear power plant (NLB 12, p. 15).

**Agreements**


• 1980 Agreements with Portugal on Co-operation in Nuclear Safety (NLB 25, p. 39).


• 1986 Technical Co-operation Agreement with France on Radioactive Waste Management (NLB 38, p. 55).
Sweden

Legislative and regulatory activities

Environmental protection

- 1976 Act on Measures against Water Pollution from Vessels in the Baltic Sea Area (NLB 20, p. 15).
- 1999 Environmental Code (NLB 63, p. 79).

General legislation, regulations and instruments

- 2006 Amendment to the Act and Ordinance on Nuclear Activities (NLB 79, p. 75).
- 2010 Abolishment of the Act on phasing out of nuclear energy (NLB 86, p. 84).
- 2017 Major revision of the Swedish Radiation Safety Authority’s regulations (NLB 99, p. 89).

Liability and compensation

- 1968 Decision fixing the Amount of Liability of the AB-ASEA-ATOM Company (NLB 3, p. 27).
- 1986 Bill for Economic Compensation following the Chernobyl Accident (NLB 38, p. 33). 1987 Ordinances on Compensation for Interventions Due to the Chernobyl Accident (NLB 39, p. 21).
- 2010 Act on Liability and Compensation for Nuclear Damage (NLB 86, p. 85).
**Nuclear installations**

- 1970 Decree redefining the Conditions for Exemptions from the Obligation to Hold an Individual Permit (NLB 7, p. 22).
- 2002 Regulations on the Planning of Radiation Protection Issues Before and During the Decommissioning of NPPs (NLB 71, p. 79).
- 2004 SKI Regulations on Safety in Nuclear Facilities (NLB 74, p. 63).
- 2005 SKI Regulations on Physical Protection of Nuclear Facilities (NLB 76, p. 87).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1975 Circular concerning the Licence to Possess and Use X-ray Equipment for Dental Diagnosis (NLB 19, p. 10).
- 1989 Ordinance on Maximum Limits for Exposure to Radiation (NLB 45, p. 65).
- 1992 Overview of radon legislation (NLB 50, p. 69).
- 2002 Regulations on the Planning of Radiation Protection Issues Before and During the Decommissioning of NPPs (NLB 71, p. 79).
- 2012 The Swedish Radiation Safety Authority (SSM) regulations on the clearance of materials, rooms, buildings and land in practices involving ionising radiation (NLB 89, p. 132).

**Nuclear trade (including non-proliferation)**

- 1984 Ordinance on Nuclear Activities. 1992 Amendment to add provisions on import/export (NLB 52, p. 67).
Nuclear-powered ships


Organisation and structure

- 1972 Setting up of a Governmental Committee to Consider the Problems Caused by High-level Wastes Produced by Nuclear Power Plants (NLB 12, p. 18; NLB 14, p. 33).
- 1976 Ordinance designating the Supervisory Authority under the 1956 Atomic Energy Act (NLB 21, p. 23).
- 2007 Decision on the Merger of Regulatory Authorities (NLB 80, p. 88).

Radioactive waste management

- 2005 Guidance for Geological Disposal of Nuclear Waste (NLB 76, p. 87)
Case law

- 1986 Decision by Ministry of Industry denying Studsvik Energiteknik AB the right to store nuclear waste from foreign countries (NLB 39, p. 29).
- 1998 and 1999 Decisions of the Supreme Administrative Court on the closure of Barsebäck 1 (NLB 62, p. 52; NLB 64, p. 43).

Administrative decisions

- 1968 Decision fixing the Amount of Liability of the AB-ASEA-ATOM Company (NLB 3, p. 27).
- 1974 Decision on a Governmental Committee's Mandate to Study Problems Raised by Treatment and Storage of Waste (NLB 14, p. 33).
- 1987 Violation of Prescribed Technical Specifications for Operation in Oskarshamn 3 (NLB 41, p. 35).
- 2002 Parliamentary Decision rescinding the shutdown date for Barsebäck-2 (NLB 69, p. 62).
- 2004 Decision of the Environmental Court on Permits for Studsvik Nuclear AB and Svafo AB (NLB 74, p. 36).

Agreements

- 1968 Agreement with Finland on Peaceful Uses of Nuclear Energy (NLB 7, p. 36; NLB 16, p. 41).
- 1974 Co-operative Agreement with the United States on Nuclear Energy Regulatory Matters (NLB 15, p. 31).
- 1983 Co-operation Agreement with the United States in the Field of Peaceful Uses of Nuclear Energy (NLB 33, p. 35).
• 1986 and 1987 Agreements with Norway, Finland and Denmark on the Exchange of Information and Early Notification in Case of a Nuclear Accident or Radiological Emergency (NLB 39, p. 35).

• 1988 Agreement with the USSR on Early Notification of a Nuclear Accident and Exchange of Information on Nuclear Installations (NLB 46, p. 88).

• 1990 Agreement with Germany on Early Notification of a Nuclear Accident (NLB 47, p. 73).

• 1990 Co-operation Agreement with Euratom in the Field of Radiation Protection (NLB 47, p. 73).


• 1999 Agreement with Ukraine on Early Notification of Nuclear Accidents and on the Exchange of Information on Nuclear Facilities (NLB 64, p. 72).

• 1999 Agreement with Ukraine on Co-operation in the Field of Nuclear Safety (NLB 65, p. 66).

• 2000 Framework Agreements with Lithuania for Co-operation in the Field of Nuclear Safety (NLB 65, p. 64).

Switzerland

Legislative and regulatory activities

Environmental protection

• 1977 Ordinance on Collection and Dispatch of Radioactive Waste (NLB 24, p. 19).

General legislation, regulations and instruments


• 1990 Public votes on nuclear energy (NLB 46, p. 71).

• 1992 Adoption of legislation relating to the European Economic Space Treaty (NLB 49, p. 61).

• 2004 Ordinance on Nuclear Energy (NLB 75, p. 125).

• 2006 Second Set of Ordinances on Nuclear Energy (NLB 78, p. 57).

• 2018 New Nuclear Energy Act and withdrawal from nuclear energy (NLB 100, p. 103).

**Liability and compensation**

• 1977 Order on Cover for Nuclear Third Party Liability (NLB 20, p. 17).

• 1981 Ordinance on Cover for Third Party Liability Resulting from Nuclear Power Plant Operation (NLB 29, p. 26).


• 1987 Indemnifications following the Chernobyl disaster (NLB 40, p. 19).

• 1990 Ordinance raising the Nuclear Operator’s Third Party Liability Insurance Cover (NLB 47, p. 55).

• 1997 Ordinance on Third Party Liability (NLB 61, p. 87).

• 2005 Draft Act on Nuclear Third Party Liability (NLB 76, p. 88).

• 2015 The Swiss Federal Council adopts the revised Nuclear Energy Third Party Liability Ordinance (NLB 95, p. 81).

• 2015 Obligation of insurance, risks not covered by private insurers – Partial revision of the Ordinance on Nuclear Third Party Liability (Ordonnance sur la responsabilité civile en matière nucléaire) (ORCN) (NLB 96, p. 93).

**Nuclear installations**


• 1979 Ordinance on the Procedure Applicable for the General Licence for Atomic Installations (NLB 24, p. 18).

• 1983 Ordinance Concerning Funds for the Decommissioning of Nuclear Installations (NLB 33, p. 18).
• 1983 Ordinance on the Supervision of Nuclear Installations (NLB 33, p. 18).
• 1985 Ordinance on Fees in the Nuclear Field (NLB 36, p. 18).
• 2018 Decommissioning order for the Mühleberg nuclear power plant (NLB 101, p. 89).
• 2019 Opening of the cooling water discharge authorisation procedure for the Beznau nuclear power plant (NLB 103, p. 61).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

• 1959 Federal Act on the Peaceful Uses of Atomic Energy and Protection against Radiation (see under “General legislation, regulations and instruments” supra).
• 1968 Ordinance on Radioactive Timepieces (NLB 2, p. 28).
• 1969 Order on Radiation Protection in Nuclear Research Institutes (NLB 4, p. 11). The text of the Order is reproduced in **NLB 4, p. 31**.
• 1978 Ordinance on Personnel Training in Radiation Protection (NLB 24, p. 18).
• 1987 Ordinance Organising the Measures to be Taken in Case of Increased Radioactivity (NLB 40, p. 18).
• 2017 Review of Articles 34 and 34a of the Nuclear Energy Ordinance and proof of safety for long-term operation (NLB 100, p. 101).
• 2018 Entry into force of the new law on radiation protection (NLB 100, p. 101).
• 2019 Amendments to the Nuclear Energy Ordinance (NLB 102, p. 98).

• 2019 Amendments to the Ordinance of the DETEC on Hazard Assumptions and Evaluation of Protection Measures against Accidents in Nuclear Installations (HaO) (NLB 102, p. 99).

• 2019 Amendments to the Radiological Protection Ordinance (NLB 102, p. 99).


• 2021 Study on extreme flood events on the River Aare (EXAR) (NLB 106, p. 36).

• 2021 Modernisation of civil protection and civil defence (NLB 106. p. 37).

**Nuclear trade (including non-proliferation)**

• 1978 Ordinance on Definitions and Licences in the Nuclear Field. 1993 Amendment to include the Nuclear Suppliers Group Guidelines (NLB 53, p. 94).

**Organisation and structure**


• 1987 Ordinance concerning the Paul-Scherrer Institute (NLB 41, p. 21).


**Radioactive waste management**


• 1985 Completion of “Garantie” Project on radioactive waste management (NLB 35, p. 30).


• 1996 Ordinance on the Transport of Radioactive Waste (NLB 58, p. 113).

• 2000 Ordinance on the Fund for the Management of Radioactive Waste from NPPs (NLB 65, p. 54).


• 2017 Sectoral plan for deep geological repositories and Stage 2 consultation (NLB 100, p. 102).
• 2018 Clearance for drilling in the potential siting areas for future deep geological repositories by the Federal Department of the Environment, Transport, Energy and Communications (DETEC) (NLB 101, p. 88).


• 2018 Paul Scherrer Institute’s Eastern Storage Area (OSPA): Entry into force of the combined construction and operation licence (NLB 103, p. 61).

• 2020 Authorisations to drill in potential areas for a deep geological repository identified by the Federal Department for Environment, Transports, Energy and Communication (DETEC) (NLB 104, p. 25).

Case law

• 1973 Decision of the Federal Court of Lausanne concerning a construction permit for a nuclear power plant (NLB 13, p. 22).

• 1986 Establishment of a radioactive waste repository (preparatory measures) (NLB 37, p. 33).

• 1990 Compensation for market-gardeners after the Chernobyl disaster (NLB 46, p. 42).

• 1995 Judgment of the Federal Court on the right to oppose the transport of nuclear fuel by rail (NLB 56, p. 63).

• 1996 Compensation for refusing to grant a general licence (NLB 57, p. 65).

• 1997 (Balmer-Schafroth and Others v. Switzerland) Decision of the European Court of Human Rights (NLB 60, p. 65).

• 2012 Judgment of the Federal Administrative Court in the matter of Balmer-Schafroth a.o.v. BKW FMB Energy Ltd on the repeal of the time limitation with respect to the operating licence for the Mühleberg nuclear power plant (NLB 89, p. 110).

• 2012 Judgment of the Federal Administrative Court in the matter of Balmer-Schafroth a.o.v. BKW FMB Energy Ltd on the revocation of the operating licence for the Mühleberg nuclear power plant (NLB 90, p. 109).

• 2013 Unlimited-duration operating licence granted to the Mühleberg nuclear power plant (NLB 91, p. 108).

• 2013 Judgment of the Federal Supreme Court in the matter of the Département fédéral de l’environnement, des transports, de l’énergie et de la communication (DETEC) against Ursula Balmer-Schafroth and others on consideration of admissibility of a request to withdraw the operating licence for the Mühleberg nuclear power plant (NLB 92, p. 91).

• 2021 Judgment of 25 March (2C_206/2019) regarding the the seismic safety assessment for the Beznau nuclear power plant (NLB 106, p. 27).
Administrative decisions

- 1985-1986 Licensing of a uranium storage facility at Wurenlingen (NLB 36, p. 28; NLB 38, p. 42).
- 1985 Increase in nominal thermal power of Gosgen nuclear power plant (NLB 37, p. 35).
- 1989 Decision not to ratify the Paris Convention and the Brussels Supplementary Convention (NLB 44, p. 25).
- 1990 Application for a licence for an interim central radioactive waste repository (NLB 46, p. 49; NLB 49, p. 46; NLB 52, p. 46).
- 1993 Selection of a central interim radioactive waste repository (Würenlingen) (NLB 52, p. 46).
- 1998 Change of direction in energy policy: planned closure of existing Swiss nuclear power plants (NLB 63, p. 60).
- 2002 Public vote on the proposal for a final repository for short-lived low and medium-level radioactive waste (NLB 70, p. 25).

Agreements


• 1974 Co-operative Agreement with the United States on Nuclear Energy Regulatory Matters (NLB 15, p. 32).


• 1978 Agreement with the Federal Republic of Germany on Radiation Protection in Case of Emergency (NLB 22, p. 36; NLB 23, p. 54). The text of the Agreement is reproduced in **NLB 22, p. 51.** 1986 Exchange of notes (NLB 42, p. 50).

• 1978 Accession of Switzerland to the Joint European Torus (JET) Joint Undertaking (NLB 22, p. 41).


• 1982 Agreement with the Federal Republic of Germany on Construction and Operation of Nuclear Installations in Border Areas (NLB 31, p. 30; NLB 33, p. 34).

• 1984 Co-operation Agreement between the Swiss National Corporation for the Disposal of Radioactive Waste (CEDRA) and Euratom (NLB 34, p. 44).

• 1984 Agreement with Egypt on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 35, p. 54).


• 1986 Agreement with Australia for Co-operation in the Nuclear Field (NLB 37, p. 40).


• 1986 Agreement with the Federal Republic of Germany on Third Party Liability in the Nuclear Field (NLB 39, p. 38; NLB 42, p. 51). The text of the Agreement is reproduced in **NLB 39, p. 51.**

• 1987 Agreement with France on Mutual Assistance in the Event of Catastrophes and Serious Accidents (NLB 43, p. 93).

• 1987 Agreement with Canada for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 44, p. 58). The text of the Agreement is reproduced in **NLB 44, p. 69.**

• 1988 Agreement with France on Return of Plutonium (NLB 47, p. 71).

• 1989 Agreement with Italy on Exchange of Information on Nuclear Installations (NLB 45, p. 83).
• 1990 Research and Development Co-operation Agreement with Euratom in the Field of Radioactive Waste Management (NLB 47, p. 74).

• 1992 Agreement with Belgium on Peaceful Nuclear Co-operation (NLB 50, p. 78).

• 1997 Agreement with the United States in the Field of Radioactive Waste Management (NLB 61, p. 101).

• 1999 Agreement with Austria on the Early Exchange of Information in the Field of Nuclear Safety and Radiation Protection (NLB 67, p. 61; NLB 68, p. 78).

Syrian Arab Republic

Agreements

• 1999 Agreement with the Russian Federation on Co-operation on the Peaceful Uses of Nuclear Power (NLB 64, p. 71).

Chinese Taipei

Legislative and regulatory activities

Liability and compensation

• 1971 Law on Compensation for Nuclear Damage. 1997 Amendment (NLB 60, p. 80). The text of the Law, as amended, is reproduced in NLB 64, p. 77. The text of the 1998 Enforcement Rules is reproduced in NLB 64, p. 85. The text of the Announcement of the Atomic Energy Council of the Executive Yuan is reproduced in NLB 64, p. 89.

Nuclear installations

• 2003 Nuclear Reactor Facilities Regulation Act (NLB 71, p. 61).

Nuclear safety and radiological protection (including nuclear emergency planning)

• 2002 Ionising Radiation Protection Act (NLB 71, p. 59).

• 2003 Nuclear Emergency Response Act (NLB 74, p. 41).

Radioactive waste management

• 2002 Nuclear Materials and Radioactive Waste Management Act (NLB 71, p. 61).
Case law


Tanzania

Legislative and regulatory activities

Nuclear safety and radiological protection (including nuclear emergency planning)

- 1983 Protection from Radiation Act (NLB 37, p. 23).

Radioactive waste management


Thailand

Legislative and regulatory activities

General legislation, regulations and instruments

- 1971 Summary of the legislation governing nuclear activities in Thailand (NLB 8, p. 19).

Tunisia

Legislative and regulatory activities

Nuclear safety and radiological protection (including nuclear emergency planning)

Organisation and structure

- 1982 Decree creating the National Centre for Radiation Protection (NLB 35, p. 31).
- 1994 Act and Decree on Creation of National Centre for Nuclear Science and Technology (NLB 53, p. 94; NLB 54, p. 57).

Radioactive waste management

- 1996 Draft Law relating to the Control, Management and Disposal of Waste (NLB 58, p. 113).

Transport of radioactive materials

- 1997 Law on the Transport of Dangerous Substances by Road (NLB 60, p. 93).

Agreements

- 2008 Agreement with France for Training of Engineers and Exchange of Nuclear Expertise (NLB 82, p. 200).

Türkiye

Legislative and regulatory activities

General legislation, regulations and instruments

- 2007 Law Concerning the Construction and Operation of Nuclear Power Plants and the Sale of Energy Generated from Those Plants (NLB 80, p. 88).
- 2008 Regulations on criteria to be met by investors who will construct and operate nuclear power plants (NLB 81, p. 116).
- 2008 Regulation on requirements according to Article 3(3) of the new law on the construction of nuclear power plants and the sale of energy (NLB 81, p. 117).

Liability and compensation

- 1984 Act authorising Ratification of the 1982 Protocol to amend the Paris Convention (NLB 34, p. 46; NLB 37, p. 46).
Licensing and regulatory infrastructure


Nuclear installations


Nuclear safety and radiological protection (including nuclear emergency planning)

- 1968 Regulations on Radiation Protection (NLB 7, p. 23).
- 1973 Decree on Dangerous Activities (NLB 26, p. 24).
- 1973 Decree on the Protection of Medical Workers (NLB 26, p. 24).
- 2009 Regulation on Nuclear Power Plant Sites (NLB 88, p. 94).
- 2009 Regulation on High Activity Sealed Radioactive Sources and Orphan Sources (NLB 88, p. 94).
- 2010 Regulation on Radiation Safety Inspections and Enforcements (NLB 88, p. 94).
- 2010 Revision of Regulation on Radiation Safety (NLB 88, p. 94).
- 2011 Regulation on Protection of Outside Workers from Ionising Radiation (NLB 88, p. 94).

Nuclear trade (including non-proliferation)


Nuclear-powered ships

• 1983 Decree on Visits of Foreign Armed Forces Vessels in Turkish Waters (NLB 33, p. 19).

Organisation and structure

Radioactive materials (including physical protection)

Agreements
• 1985 Agreement with Canada for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 37, p. 44).
• 1988 Agreement with Argentina on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 42, p. 48; NLB 49, p. 71).
• 1988 Agreement with the USSR on Early Notification of Nuclear Accidents and Exchange of Information on Nuclear Facilities (NLB 42, p. 52).
• 1997 Agreement with Bulgaria on Early Notification of a Nuclear Accident (NLB 60, p. 105).
• 2000 Agreement with Ukraine on Early Notification of a Nuclear Accident and on Exchange of Information on Nuclear Facilities (NLB 67, p. 64).
• 2008 Agreement with the United States for Co-operation in the Peaceful Use of Nuclear Energy (NLB 82, p. 200).
• 2010 Protocol Agreement with Korea to Co-operate on the Construction and Operation of a Nuclear Power Plant in Türkiye (NLB 85, p. 151).
• 2010 Memorandum of Understanding with Korea on Co-operation in Nuclear Energy (NLB 86, p. 93).
Uganda

Legislative and regulatory activities

General legislation, regulations and instruments

- 1972 Atomic Energy Decree (NLB 16, p. 20).

Ukraine

Legislative and regulatory activities

General legislation, regulations and instruments


- 2011 Law No. 4101 – VI on peculiarities of purchasing non-irradiated fuel elements (cartridges) for nuclear reactors (NLB p. 89, p. 132).

- 2011 Order on outreach to the population that lives in the areas of operating nuclear power plants (NLB 89, p. 133).

- 2011 Action plan on ensuring openness and accessibility of information related to the use of nuclear energy, as well as improving nuclear safety culture in nuclear power (NLB 89, p. 133).

- 2012 Law on the “location, design and construction of reactors numbers 3 and 4 of the Khmelnitsky Nuclear Power Plant” (NLB 90, p. 127).

Liability and compensation


- 1999 Resolution on Indemnifying Participants in the Shelter Implementation Plan against Civil Liability for Nuclear Damage (NLB 63, p. 83).


- 2003 Decree on Compulsory Insurance of Civil Liability for Nuclear Damage (NLB 72, p. 58).
• 2003 Establishment of a Nuclear Insurance Pool (NLB 75, p. 127).
• 2006 Amendment to the 2001 Law on Civil Liability for Nuclear Damage and Its Financial Security (NLB 77, p. 64).

Nuclear installations
• 1998 Law on Basic Principles governing the Further Operation and Decommissioning of Chernobyl (NLB 63, p. 82).
• 2000 Law on the Licensing of Activities in the Field of Nuclear Energy (NLB 65, p. 56).

Nuclear safety and radiological protection (including nuclear emergency planning)
• 1991 Legislation on Protection of the Public after the Chernobyl Accident (NLB 52, p. 68).
• 1998 Law on Protection against Ionising Radiation (NLB 61, p. 90).
• 2011 Law on approval of the comprehensive (consolidated) programme to improve the safety of power units of nuclear power plants (NLB 89, p. 133).

Nuclear security
• 2011 Decree on approval of the functioning of the state system of physical protection (NLB 89, p. 134).

Organisation and structure
• 1994 Order establishing the Ministry for Protection of the Environment and Nuclear Safety (NLB 55, p. 45).
• 1996 Creation of the Chernobyl Centre for Nuclear Safety Radioactive Waste and Radioecological Research (NLB 60, p. 93).
• 1999 Decree on the Reorganisation of the Nuclear Control Structures (establishment of the State Nuclear Regulatory Administration of Ukraine) (NLB 63, p. 82). 1999 Implementing Decree (NLB 64, p. 61). 1999 Amendment (NLB 65, p. 55).
• 2000 Decree on State Regulation of Nuclear and Radiation Safety, establishing the State Nuclear Regulatory Committee of Ukraine (NLB 67, p. 53).
• 2001 Decree establishing Chernobyl Nuclear Power Plant (NLB 68, p. 70).
• 2008 Decree creating the state enterprise “Nuclear Fuel” (NLB 82, p. 129).
• 2014 Decree establishing the Supervisory Board for Control of the Use and Investment of the Financial Reserves Fund Intended for decommissioning of Nuclear Power Plant Units in Operation (NLB 93, p. 111).

Radioactive materials (including physical protection)
• 1997 Law on Uranium Ore Mining and Processing (NLB 61, p. 89).

Radioactive waste management
• 2012 law on the treatment of spent nuclear fuel with respect to location, design and construction of a centralised repository for spent nuclear fuel from VVER reactors of domestic nuclear power plants (NLB 89, p. 134; NLB 90, p. 127).

Agreements
• 1993 Agreement with Poland on Early Notification of a Nuclear Accident and Information Exchange on Nuclear Safety and Radiation Protection (NLB 52, p. 81; NLB 53, p. 109).
• 1993 Agreement with the United States on Operational Safety Enhancements, etc. (NLB 53, p. 109).
• 1993 Agreement with the United States on Non-proliferation of Nuclear Weapons from Ukraine. 1999 Extension (NLB 64, p. 72).
• 1993 Agreement with Germany on Co-operation in Nuclear Safety and Radiation Protection (NLB 54, p. 66).
• 1994 Agreement with Norway on Early Notification and Information Exchange (NLB 54, p. 67).
• 1995 Memorandum of Understanding with the Governments of the G7 Countries and the Commission of the European Communities on the Closure of the Chernobyl Nuclear Power Plant (NLB 57, p. 107). The text of the Memorandum is reproduced in NLB 57, p. 107.
• 1995 Memorandum of Understanding with the European Commission for Technical Assistance (NLB 57, p. 89).
• 1997 Agreement with the Czech Republic on Co-operation in the Field of Nuclear Energy (NLB 60, p. 105).
• 1997 Arrangement with the United Kingdom on Exchange of Information on Nuclear Installation Safety Regulation (NLB 60, p. 107).
• 1998 Agreement with Bulgaria for Co-operation in the Field of the State Registration and Safety Control in the Use of Atomic Energy for Peaceful Purposes (NLB 62, p. 81).
• 1998 Agreement with the United States concerning Peaceful Uses of Nuclear Energy (NLB 62, p. 87).
• 1998 Agreement with France on the Peaceful Uses of Nuclear Energy (NLB 64, p. 70).
• 1998 Agreement with the Slovak Republic on Early Notification of Nuclear Accidents, Exchange of Information and Co-operation in the Field of Nuclear Safety and Radiation Protection (NLB 64, p. 71).
• 1999 Agreement with Sweden on Early Notification of Nuclear Accidents and on the Exchange of Information on Nuclear Facilities (NLB 64, p. 72).
• 1999 Agreement with Sweden on Co-operation in the Field of Nuclear Safety (NLB 65, p. 66).
• 1999 Agreement with Armenia on Technical Co-operation and Information Exchange in the Field of Nuclear Safety (NLB 64, p. 67).
• 2000 Implementing Agreement with the United States concerning the Ukraine Nuclear Fuel Qualification Project (NLB 67, p. 64).
• 2000 Agreement with Türkiye on Early Notification of a Nuclear Accident and on Exchange of Information on Nuclear Facilities (NLB 67, p. 64).
• 2001 Agreement with Belarus on Early Notification of a Nuclear Accident and Co-operation in the Field of Radiation Safety (NLB 69, p. 99).
• 2002 Protocol with the Russian Federation on Co-operation in the Field of the Peaceful Use of Atomic Energy (NLB 69, p. 103).
• 2002 Agreement with the Russian Federation on Exchange of Information and Co-operation in the Field of Safety Regulation in Respect of the Peaceful Utilisation of Nuclear Energy (NLB 70, p. 66).
• 2002 Agreement with the Russian Federation and Bulgaria on Nuclear Transport (NLB 72, p. 69).
• 2003 Agreement with Bulgaria on Co-operation in the Field of State Regulation and Control of Safety during the Use of Nuclear Energy (NLB 71, p. 85).
• 2004 Agreement with Romania on Early Notification of Nuclear Accidents and Exchange of Information in the Field of Nuclear and Radiation Safety (NLB 74, p. 80).
• 2010 Agreement with the Russian Federation on the Completion of Two Reactor Units at Ukraine’s Khmelnitski Nuclear Power Plant (NLB 86, p. 94).

• 2013 Ratification of agreement between the Cabinet of Ukraine and the Government of the Kingdom of Norway regarding collaboration in the field of nuclear and radiation safety, decommissioning of the Chernobyl nuclear power plant and transformation of the Chernobyl “shelter” into an ecologically safe system (NLB 92, p. 113).

• 2013 Agreement between the State Nuclear Regulatory Inspectorate of Ukraine and the Ministry of Extraordinary Situations of the Republic of Belarus (NLB 92, p. 113).

United Arab Emirates

Legislative and regulatory activities

General legislation, regulations and instruments

• 2009 Federal law on the peaceful use of nuclear energy (NLB 84, p. 139).

Liability and compensation

• 2012 Federal Law by Decree No. 4 concerning Civil Liability for Nuclear Damage (NLB 90, p. 128).

• 2014 Ratification of the Convention on Supplementary Compensation for Nuclear Damage (NLB 94, p. 130).

Nuclear installations

• 2012 FANR issues license to Emirates Nuclear Energy Corporation to construct two nuclear power reactor units at Barakah (NLB 90, p. 128).

Nuclear safety and radiological protection (including nuclear emergency planning)


• 2021 Regulation on the Registration and Licensing of Radiation Sources (FANR-REG-29, Version 0) (NLB 106, p. 38).

Nuclear security

Nuclear trade (including non-proliferation)

- 2021 Regulation on the Export and Import Control of Nuclear Material, Nuclear Related Items and Nuclear Related Dual-Use Items (FANR-REG-09, Version 1) (NLB 106, p. 37).

Organisation and structure

- 2009 Federal Authority for Nuclear Regulation (FANR) established (NLB 90, p. 128).

Agreements

- 2008 Memorandum of Understanding with the United States on co-operation in peaceful uses of nuclear energy (NLB 82, p. 200).
- 2008 Memorandum of Understanding with the United Kingdom on co-operation in peaceful uses of nuclear energy (NLB 82, p. 200).
- 2009 Agreement with Japan on civil nuclear co-operation (NLB 83, p. 141).
- 2009 Agreement with the United States for co-operation in the peaceful uses of nuclear energy (NLB 83, p. 141).
- 2010 Agreement with the United Kingdom on civilian nuclear co-operation (NLB 86, p. 93).

United Kingdom

Legislative and regulatory activities

Environmental protection

- 1974 Dumping at Sea Act (NLB 15, p. 22).

Food irradiation

- 1972 Food (Control of Irradiation) Regulations (NLB 13, p. 13).

General legislation, regulations and instruments

**Liability and compensation**

- 1978 Nuclear Installations (Excepted Matter) Regulations (NLB 23, p. 29).
- 1983 Nuclear Installations (Prescribed Sites) Regulations (NLB 32, p. 16).
- 1994 Order increasing the Nuclear Operator's Limits of Liability (NLB 53, p. 95).

**Nuclear installations**

- 1965 Nuclear Installations (Dangerous Occurrences) Regulations. 1975 Amendment (NLB 15, p. 21).
- 1988 Air Navigation (Restriction of Flying) (Nuclear Installations) Regulations (NLB 42, p. 27).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1968 Orders exempting Certain Radioactive Substances from the Registration Requirement (NLB 2, p. 29).
- 1969 Ionising Radiations (Sealed Sources) Regulations (NLB 3, p. 16; NLB 4, p. 12).
- 1969 Appropriate Minister Designation Order under the Radioactive Substances Act 1948 (NLB 5, p. 15).
• 1970 Radioactive Substances (Road Transport Workers) (Great Britain) Regulations (NLB 9, p. 27). 1975 Amendment (NLB 16, p. 22).


• 1974 Health and Safety at Work etc. Act (NLB 14, p. 26; NLB 15, p. 21).


• 1985 Ionising Radiation Regulations (NLB 36, p. 19).

• 1985 Code of Practice for Protection of Persons Occupationally Exposed to Radiation (NLB 36, p. 21).


• 1992 Public Information for Radiation Emergency Regulations (NLB 52, p. 69).

• 1993 Ionising Radiations Regulation (NLB 54, p. 58).

• 2001 Radiation (Emergency Preparedness and Public Information) Regulations (NLB 69, p. 91).

**Nuclear trade (including non-proliferation)**

• 2000 Nuclear Safeguards Act (NLB 67, p. 54).

**Nuclear-powered ships**

• 1977 Merchant Shipping (Safety Convention) Act (NLB 20, p. 18).

**Organisation and structure**

• 1969 Order dissolving the Ministry of Power and transferring its functions to the Ministry of Technology (NLB 4, p. 12).

• 1970 Order establishing a Secretary of State for Trade and Industry and unifying the functions of the Board of Trade and those of the Ministry of Technology (NLB 7, p. 25).


• 1974 Order extending the Functions and Powers of the National Radiological Protection Board (NLB 14, p. 25).


• 1981 Nuclear Industry (Finance) Act (NLB 29, p. 28).
• 1995 Act setting up the Environment Agency (NLB 56, p. 90).
• 1996 Privatisation of Nuclear Power Stations (NLB 58, p. 114).
• 1996 Privatisation of AEA Technology plc (NLB 59, p. 60).
• 2000 Change of name and statute of the regulatory body responsible for the physical security of the civil nuclear industry (Office for Civil Nuclear Security) (NLB 66, p. 52).
• 2004 Energy Act (NLB 75, p. 127).
• 2008 New Ministry of Energy and Climate Change (NLB 82, p. 130).
• 2011 Establishment of the Office for Nuclear Regulation (NLB 87, p. 100).
• 2013 Office of Nuclear Regulation established as a statutory body (NLB 93, p. 111).

Radioactive materials (including physical protection)
• 1978 Nuclear Safeguards and Electricity (Finance) Act (NLB 22, p. 25).
• 1981 Education (Schools and Further Education) Regulations (NLB 28, p. 26).
• 2003 Nuclear Industries Security Regulations (NLB 71, p. 83).

Radioactive waste management
• 2004 Energy Act (NLB 75, p. 127).

Transport of radioactive materials
• 1975 Code of Practice for the Carriage of Radioactive Materials through Ports (NLB 16, p. 23).

Case law

• 1980 Note on three claims for compensation caused by radiation-induced diseases (NLB 25, p. 30).
• 1982 Decisions on radioactive waste sea dumping operations (NLB 30, p. 22).
• 1990 Claim for compensation for damage to real property (NLB 46, p. 44).
• 1993 Sellafield childhood leukaemia cases (NLB 53, p. 44).
• 1994 Thorp Case (NLB 54, p. 34).
• 1998 Court of Appeal Decisions concerning the definition of damage to property for the purposes of Section 7(1)(a) of the Nuclear Installations Act 1965 (NLB 62, p. 53).
• 2002 Court of Appeal Judgment on Government decision to allow the start-up of a MOX fuel plant (NLB 69, p. 58).
• 2006 Judgment of Carlisle Crown Court Concerning a Leak at Sellafield (NLB 78, p. 38).
• 2007 Decision of the Wick Sheriff Court Fining UKAEA for Plutonium Exposure (NLB 80, p. 67).

Administrative decisions

• 1987 Application by the Central Electricity Generating Board to construct a pressurised water reactor at Sizewell (NLB 39, p. 30).
• 1995 Privatisation of the United Kingdom Atomic Energy Authority (AEA Technology plc) (NLB 57, p. 71).
Agreements

- 1968 Agreement with Finland on the Peaceful Uses of Nuclear Energy (NLB 7, p. 36).
- 1979 Agreement with the Federal Republic of Germany on Exchange of Information on the Safety of Nuclear Installations (NLB 24, p. 31).
- 1983 Agreement with France on Exchange of Information in Case of Radiological Emergencies (NLB 33, p. 33).
- 1985 Agreement with the People's Republic of China for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 37, p. 44).
- 1993 Agreement with Australia on Former Nuclear Test and Experimental Programme (NLB 54, p. 65).
- 1998 Agreement with Japan for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 63, p. 87).
- 1999 Collaboration Agreement in the Field of Nuclear Waste Management and Dismantling of Nuclear Installations (NLB 65, p. 61).
• 2000 Memorandum of Agreement with Indonesia concerning Co-operation in R & D, Production and Marketing of Radioisotopes for Medical or other Use (NLB 65, p. 62).
• 2001 Agreement with France on the Exchange of Classified Information in the Field of Nuclear Defence (NLB 69, p. 100).
• 2003 Accession to the 1996 Arctic Military Environmental Co-operation between the Russian Federation, Norway and the United States (NLB 72, p. 72).
• 2003 Agreement with the Russian Federation on Nuclear Proliferation Prevention (NLB 72, p. 73).
• 2008 Memorandum of Understanding with Jordan to facilitate co-operation in nuclear energy, including desalination of water (NLB 82, p. 199).
• 2008 Memorandum of Understanding with the United Arab Emirates on co-operation in peaceful uses of nuclear energy (NLB 82, p. 200).
• 2008 Agreement with France to establish a “joint project approach” for regulation of the European Pressurised Water Reactor (EPR) (NLB 82, p. 200).
• 2009 Co-operation agreement with Jordan on the peaceful use of nuclear energy (NLB 84, p. 193).
• 2010 Agreement with India on civilian nuclear co-operation (NLB 85, p. 151).
• 2010 Pact with Jordan on nuclear co-operation (NLB 85, p. 151).
• 2010 Agreement with the United Arab Emirates on civilian nuclear co-operation (NLB 86, p. 93).

United States

Legislative and regulatory activities

Environmental protection
• 1969 National Environmental Policy Act (NLB 5, p. 16; NLB 6, p. 27).
• 1969 Draft Laws on Siting of Power Plants and Environmental Protection (NLB 4, p. 15).
• 1972 Note on safety and environmental issues regarding licensing of nuclear installations (NLB 9, p. 28).
• 1975 Draft Environmental Statement relating to US Nuclear Power Export Activities (NLB 16, p. 27).
• 1977 Act amending the Clean Air Act to include radioactive effluent (NLB 20, p. 20).
• 2000 Cross-Border Co-operation and Environmental Safety in Northern Europe Act (NLB 66, p. 53).
• 2013 NRC issuance of Proposed Waste Confidence Rule and Draft Generic Environmental Impact Statement for public comment (NLB 92, p. 113).

**Food irradiation**

• 1986 Final Rule on Irradiation in the Production, Processing and Handling of Food (NLB 38, p. 38).

**General legislation, regulations and instruments**

• 1972 and 1973 Amendments of the AEC regulations concerning unclassified activities in foreign atomic energy programmes by US persons and companies (NLB 10, p. 15; NLB 12, p. 13).
• 1978 Nuclear Non-Proliferation Act (NLB 21, p. 26).
• 1981 Statement by President Reagan on Nuclear Power (NLB 28, p. 26).
• 1984 Proposed DOE Regulations to Prohibit Unauthorised Dissemination of Certain Information (NLB 34, p. 26).
• 1990 Revision of NRC Rules on information on hazardous conditions (NLB 46, p. 73).
• 2016 Approval of a final rule amending licensing, inspection and annual fee regulations to establish a variable annual fee structure for light-water small modular reactors (NLB 98, p. 82).
• 2017 Commission policy statement setting principles to use to promote effective government-to-government interactions with American Indian and Alaska Native Tribes and encourage and facilitate Tribal involvement in areas of NRC jurisdiction (NLB 99, p. 91).
• 2017 NRC publishes guidance on subsequent licence renewals for power reactors (NLB 100, p. 104).
• 2017 NRC issues Regulatory basis for decommissioning rulemaking (NLB 100, p. 105).
• 2018 NRC Commissioners confirmed and sworn in (NLB 101, p. 89).
• 2018 NRC publishes guidance on developing principal design criteria for non-light-water reactors (NLB 101, p. 89).
• 2018 Nuclear Energy Innovation Capabilities Act of 2017 (NLB 102, p. 104).
• 2019 Nuclear Energy Innovation and Modernization Act (NLB 102, p. 103).
• 2019 Proposed rule on emergency preparedness for small modular reactors and other new technologies (NLB 104, p. 26).
• 2020 Regulatory actions taken in response to the COVID-19 public health emergency (NLB 105, p. 98).

**Liability and compensation**


• 1968 Bill providing Financial Cover for the Carriage of Radioactive Materials on the High Seas (NLB 2, p. 29).
• 1968 AEC Regulations defining the criteria which determine extraordinary nuclear occurrences (NLB 2, p. 30).
• 1977 Increase of nuclear liability and property insurance coverage (NLB 19, p. 17).
• 1980 NRC determination that the Three Mile Island accident does not constitute an “extraordinary nuclear occurrence” (NLB 25, p. 26).
• 1988 Financial protection requirements and indemnity agreements (NLB 43, p. 82).
• 1989 Amendment of Regulations concerning Financial Protection (NLB 44, p. 53).
• 1990 Regime applicable to large power reactors (NLB 45, p. 67).
• 1990 Report to the Congress from the Presidential Commission on Catastrophic Nuclear Accidents (NLB 46, p. 75).

• 1993 Increase of liability limits (NLB 52, p. 70).

• 2000 Energy Employees Occupational Illness Compensation Programme Act (NLB 66, p. 54).

• 2005 Amendments to the Price-Anderson Act (NLB 76, p. 92)

• 2007 Implementation of the Convention on Supplementary Compensation for Nuclear Damage (NLB 81, p. 117).

• 2008 Inflation adjustment to the Price-Anderson Act (NLB 82, p.134).

• 2013 Inflation adjustment to the Price-Anderson Act Financial Protection Regulations (NLB 92, p. 115).

Licensing and regulatory infrastructure

• Amendments to the system for licensing of nuclear installations (NLB 4, p. 16; NLB 6, p. 29; NLB 9, p. 28; NLB 13, p. 15; NLB 16, p. 24; NLB 21, p. 31; NLB 31, p. 17; NLB 34, p. 26; NLB 36, p. 22; NLB 44, p. 50). 1992 Proposed licensing reform (NLB 49, p. 63).


• 1990 Licensing of Nuclear Enrichment Facilities (NLB 47, p. 56; NLB 48, p. 55).

• 1991 Nuclear power plant licence renewals (NLB 49, p. 63).

• 1992 NRC Regulations on Combined Construction Permits and Operating Licences (NLB 51, p. 78).

• 1996 Inflationary adjustment to civil penalties imposed by the NRC (NLB 58, p. 115).

• 2006 Final Rule Amending Regulations Applicable to the Licensing of New Nuclear Power Plants (NLB 80, p. 89).

• 2007 Amendment of Regulations applicable to limited work authorisations for new nuclear power plants (NLB 81, p. 117).

• 2011 Final Rules certifying amendments to the AP1000 and US Advanced Boiling Water Reactor standard reactor designs to comply with aircraft impact design regulations (NLB 89, p. 137).

• 2012 Consolidated Appropriations Act (NLB 89, p. 135 and p. 139).

• 2014 Amendment of Definition of “Utilization Facility” within 10 CFR 50.2 (NLB 94, p. 132).
• 2015 Commission authorises issuance of combined licence for Fermi Nuclear Power Plant in Monroe County, Michigan (NLB 96, p. 94).

• 2016 Commission approves final procedures for hearings on inspections, tests, analyses, and acceptance criteria (ITAAC) for combined licenses (NLB 97, p. 92).

Nuclear installations

• 1969 Regulations concerning Obligations of AEC Licensees Conducting Certain Industrial-type Activities (NLB 3, p. 19).

• 1973 Amendments to AEC Regulations concerning the Minimum Containment Leakage Test Requirements for Water-cooled Power Reactors (NLB 11, p. 24).

• 1980 Nuclear Safety Research, Development and Demonstration Act (NLB 27, p. 16).


• 1985 NRC Policy Statement on Severe Reactor Accidents (NLB 36, p. 23).

• 1987 Amendment to NRC Rules of Practice on Disclosure of Information by Licensees (NLB 41, p. 23).


• 1992 NRC policy on co-operation with States regarding inspection of nuclear installations (NLB 49, p. 64).

• 1992 Rules on Funding for Decommissioning (NLB 50, p. 72; NLB 51, p. 77).

• 1992 NRC Regulations on Receipt of By-product and Special Nuclear Material (NLB 51, p. 78).

• 1993 Amendments to Regulations on Training, Maintenance, Safeguards Inspections, Spent Fuel Management at Nuclear Power Plants (NLB 53, p. 95).

• 1993 Rule on Self-guarantee of Decommissioning Funds (NLB 53, p. 96).

• 1996 Amendment of NRC Regulation on Decommissioning Procedures (NLB 58, p. 115).

• 2017 NuScale Power, LLC submits design certification application for small modular reactor (SMR) to the NRC (NLB 99, p. 92).

• 2017 NRC issues licences to three facilities (NLB 99, p. 92).

• 2017 75th anniversary of the world’s first atomic reactor (NLB 100, p. 103).

• 2017 Holtec International, Inc. submits application for interim storage facility to the NRC (NLB 100, p. 104).

• 2018 Construction permit issued for Northwest Medical Isotopes, LLC (NLB 101, p. 90).
• 2019 Early site permit involving small modular reactors (SMRs) (NLB 104, p. 26).
• 2019 Subsequent licence renewal for operating commercial power reactors (NLB 104, p. 27).
• 2020 Oklo Power, LLC combined licence application (NLB 105, p. 99).
• 2020 Honeywell licence renewal (NLB 105, p. 100).
• 2021 NRC opens NuScale small modular reactor (SMR) design certification for public comment (NLB 107, p. 66).
• 2021 NRC approval of the American Centrifuge Plant licence amendment authorising production of high-assay low-enriched uranium (HALEU) (NLB 107, p. 67).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

• 1969 Revision of the Performance Standards Applicable to Television Sets (NLB 5, p. 15).
• 1972 Standards for Diagnostic X-ray Equipment (NLB 10, p. 16).
• 1987 Amendments to NRC Regulations providing for an Emergency Plan Rule, an Increase of On-site Property Insurance and Reporting of Unauthorised Occurrences (NLB 40, p. 19).
• 1989 NRC criteria and procedures for emergency access to low-level waste disposal facilities (NLB 43, p. 82).
• 1991 NRC Standards for Protection against Radiation (NLB 37, p. 26; NLB 48, p. 53).
• 1991 Revision of CFR Regulations regarding Incident Reporting Requirements (NLB 48, p. 53).
• 1993 NRC Regulations on Licences and Radiation Safety Requirements for Irradiators (NLB 51, p. 77).
• 1993 Amendment to Emergency Planning Regulations (NLB 53, p. 95).
• 2011 Response to recent events in Japan (NLB 87, p. 101).
• 2011 Update on the NRC’s response to the events at the Fukushima Daiichi nuclear site (NLB 88, p. 95).
• 2011 Final Rule: Enhancements to Emergency Preparedness Regulations (NLB 89, p. 136).
• 2011 Staff Requirements - SECY-11-0137 - Prioritization of Recommended Actions to be Taken in Response to Fukushima Lessons Learned (NLB 89, p. 138).
• 2012 NRC advanced notice of proposed rulemaking regarding station blackout (NLB 90, p 129) and onsite emergency response capabilities at nuclear power plants (NLB 90, p 130).
• 2013 update on the NRC’s response to events at the Fukushima Daiichi nuclear site regarding filtered vents and consideration of economic consequences (NLB 91, p. 128).
• 2017 NRC publishes draft guidance document for the development of principal design criteria for non-light water cooled nuclear reactors (NLB 99, p. 92).
• 2019 The NRC issues a final rule related to beyond-design-basis events (NLB 103, p. 61).

**Nuclear security**

• 1988 Amendment to NRC Regulations on Physical Fitness Qualifications for Security Personnel (NLB 41, p. 23).
• 2007 Final Rule on Design Basis Threat (NLB 80, p. 91).
• 2009 Power reactor security requirements (NLB 83, p. 111).
• 2009 Amendment to NRC Regulations with regard to Aircraft Impact Assessment (NLB 83, p.112).
• 2009 Final regulations criminalising unauthorised introduction of dangerous weapons, (NLB 84, p. 139).

**Nuclear trade (including non-proliferation)**

• 1982 Proposed Revision of Regulations on Unclassified Activities in Foreign Atomic Energy Programmes (NLB 30, p. 20).
- 1984 Amendment to procedures established pursuant to the 1978 Nuclear Non-Proliferation Act (NLB 33, p. 20; NLB 34, p. 27).
- 1990 Prohibition to export equipment or technology to the People’s Republic of China (NLB 45, p. 72).
- 1990 Rule on Export Components for Use in Gaseous Diffusion Plants (NLB 46, p. 76).
- 1991 Revision of Commodity Control List (NLB 48, p. 56).
- 2010 Comprehensive Iran Sanctions, Accountability and Divestment Act (NLB 86, p. 86).
- 2010 Final rule on the export and import of nuclear equipment and material (NLB 86, p. 87).

**Organisation and structure**

- 1977 Termination of the Joint Congressional Committee on Atomic Energy (NLB 19, p. 16; NLB 20, p. 18).
- 1977 Act establishing the Department of Energy (DOE) (NLB 20, p. 18).
- 1980 Executive Order establishing a Nuclear Safety Oversight Committee (NLB 25, p. 25).
- 1988 President’s Commission on Catastrophic Nuclear Accidents (NLB 43, p. 76).
• 2003 Establishment of the Office of Legacy Management (NLB 73, p. 96).
• 2021 Establishment of an Environmental Justice Review Team (NLB 107, p. 67).

Radioactive materials (including physical protection)
• 1967 and 1968 Amendments to the Regulations of the AEC concerning the Possession of Special Nuclear Materials (NLB 1, p. 22; NLB 2, p. 30).
• 1973 Amendment to the AEC Regulations on Physical Protection of Special Nuclear Material (NLB 11, p. 24).
• 1975 Amendments to NRC Regulations governing the Possession and Use of Uranium 233, Enriched Uranium 235, and Plutonium (NLB 16, p. 23).
• 1982 Act on Physical Protection of Nuclear Material (NLB 30, p. 18).
• 1982 Amendment of Regulations on Physical Protection of Special Nuclear Material in Transit (NLB 30, p. 19).
• 1982 NRC Policy Statement on Use of High-enriched Uranium in Research Reactors (NLB 30, p. 19).
• 1986 NRC Rule on Limitations on the Use of Highly Enriched Uranium Fuel (NLB 37, p. 27).
• 1990 NRC proposed Rulemaking on Licensing and Radiation Safety Requirements for Use of Large Irradiators (NLB 47, p. 58).
• 1990 and 1991 NRC proposed Rulemaking on Material Control and Accounting for Certain Enrichment Facilities (NLB 47, p. 58; NLB 49, p. 65).
• 1992 Uranium Enrichment Regulations (NLB 50, p. 73).
• 1992 Amendment to Physical Protection Regulations (NLB 50, p. 73).
• 1993 Rule on Information to be Supplied regarding Facilities with Source Material etc. at their Decommissioning Stage (NLB 53, p. 98).
• 2000 Amendment to NRC Regulations governing the licensing of special nuclear material (NLB 67, p. 55).
• 2001 Amendments to NRC Regulations governing the requirements for certain generally licensed industrial devices containing by-product material (NLB 67, p. 56).
• 2013 Physical Protection of Byproduct Material (NLB 91, p. 127).
• 2018 Wyoming becomes an Agreement State (NLB 101, p. 90).

Radioactive waste management
• 1980 West Valley Demonstration Project Act (NLB 27, p. 18).
• 1983 NRC technical criteria for geological disposal of high-level radioactive waste (NLB 32, p. 16).
• 1986 Standards for Radon 222 Emissions from Mill Tailings (NLB 37, p. 28; NLB 38, p. 36).
• 1986 Proposed licensing requirements for the independent storage of spent nuclear fuel and high-level radioactive waste (NLB 38, p. 38).
• 1987 NRC proposed definition of high-level radioactive waste (NLB 39, p. 24).
• 1988 NRC licensing requirements for independent storage of spent nuclear fuel and high-level radioactive waste (NLB 43, p. 82).
• 1989 Licensing procedures for disposal of high-level radioactive waste in geologic repositories (NLB 44, p. 52).
• 1990 Amendment of NRC Environmental Protection Regulations: temporary storage of spent fuel (NLB 46, p. 74).
• 1990 Amendment to Regulations concerning Storage of Spent Fuel in Dry Casks (NLB 46, p. 74).
• 1990 Licensing requirements of uranium and thorium disposal sites (NLB 47, p. 57).
• 1992 NRC Regulations on Disposal of Contaminated Waste Oil by Incineration (NLB 51, p. 78).
• 2001 DOE Yucca Mountain Site Suitability Guidelines (NLB 69, p. 93).
• 2008 Public health and environmental radiation protection standards for Yucca Mountain, Nevada (NLB 82, p. 132).
• 2009 Dose standard after 10 000 years for high level waste disposal at Yucca Mountain (NLB 83, p. 113).
• 2010 Final rule on the independent storage of spent nuclear fuel (NLB 86, p. 85).
• 2010 Status of the high-level waste repository programme (NLB 86, p. 86).
• 2010 Waste Confidence Decision and Rule Update (NLB 87, p. 100).
• 2015 Nuclear Regulatory Commission publishes Proposed Rule that would update the existing regulations governing near-surface commercial disposal of low-level radioactive waste (NLB 95, p. 82).
• 2015 NRC conducts final public meetings on Yucca Mountain Environmental Report Supplement (NLB 96, p. 94).
• 2018 Holtec International, Inc. submits application for interim storage facility to the NRC (NLB 101, p. 90).
• 2019 Consolidated Interim Storage Facility applications pending before the NRC (NLB 102, p. 104).
• 2019 NRC issues regulatory basis for disposal of “Greater-than-Class-C” radioactive waste (NLB 103, p. 62).

Transport of radioactive materials

• 1975 Public Law prohibiting Air Transport of Plutonium (NLB 16, p. 24).
• 1983 NRC Revision of Regulations for Transport of Radioactive Material (NLB 32, p. 17).
• 2000 Cross-Border Co-operation and Environmental Safety in Northern Europe Act (NLB 66, p. 53).

Case law

• 1969 Opposition to delivery of a construction permit for a reactor in Maryland (NLB 4, p. 18).
• 1969 Decision of the US Court of Appeals, District of Columbia, concerning licensing of nuclear power reactors producing electricity (NLB 5, p. 17).
• 1971 Decision of the US Court of Appeals, District of Columbia, concerning licensing of nuclear installations and protection of the environment (NLB 8, p. 27).
• 1973 Decision of the US Court of Appeals, District of Columbia, concerning ECCS issue (NLB 12, p. 16).
• 1977 Judgment of the US Court of Appeals relating to shipment by air of plutonium and highly enriched uranium (NLB 19, p. 23).
• 1977 Decision of the US District Court for the Western District of North Carolina concerning the unconstitutionality of Section 170(e) of the Price-Anderson Act (NLB 19, p. 20). 1978 US Supreme Court confirmation of the Act’s constitutionality (NLB 22, p. 29).

• 1978 Decision of the US Supreme Court on the Vermont Yankee and Midland nuclear power plants (NLB 21, p. 38).


• 1981 Court of Appeals reverses lower court ruling and upholds constitutionality of state moratorium on construction of new nuclear plants (NLB 28, p. 32).


• 1982 Court of Appeals upholds NRC uranium mills licensing requirements (NLB 29, p. 30).

• 1982 Court of Appeals upholds NRC fire protection regulations (NLB 29, p. 31).


• 1983 Opinion of Supreme Court on risk of psychological health damage under the National Environmental Policy Act – not required to be considered by NRC (NLB 32, p. 19).

• 1983 Supreme Court upholds California’s moratorium on construction of new commercial nuclear power plants (NLB 32, p. 20).


• 1983 Court of Appeals reverses lower court granting of summary judgment on federal pre-emption grounds (NLB 34, p. 32).

• 1984 Supreme Court allows decision of Seventh Circuit declaring Illinois Spent Fuel Act unconstitutional (NLB 33, p. 23).

• 1984 Supreme Court holds the Atomic Energy Act does not pre-empt the state-authorised award of punitive damages for conduct related to radiation hazards (NLB 33, p. 24).

• 1984 District Court upholds DOC denial of export licences and DOE denial of authorisation for export of radiation shielding windows (NLB 34, p. 32).

• 1985 Challenge to Agreements for co-operation concerning peaceful uses of nuclear energy (NLB 36, p. 27).

• 1986 Settlement reached in Silkwood litigation (NLB 38, p. 42).

• 1987 Litigation on enrichment and import of foreign uranium (NLB 40, p. 26).
• 1987 Annulment of NRC Backfitting Rule (NLB 40, p. 26).
• 1987 Action contending violation of the National Environmental Protection Act (NLB 40, p. 26).
• 1988 Court of Appeal Decision on storage of spent fuel in high density racks (NLB 43, p. 57).
• 1989 Article on claims for injuries and deaths in relation to atmospheric nuclear tests in Nevada in the 1950s and 1960s (NLB 43, p. 54).
• 1989 Court of Appeal Decision on backfitting of nuclear reactors (NLB 44, p. 24).
• 1990 District Court Decision on unconstitutionality of Price-Anderson provisions for removal of actions to federal courts (NLB 45, p. 35).
• 1990 District Court Decision review of licensing procedures (NLB 47, p. 33).
• 1990 District Court Decision on procedures for licensing hearings (NLB 47, p. 34).
• 1991 Supreme Court Decision on US legislation on exclusion of fertile women from dangerous activities (NLB 47, p. 36).
• 1991 Court of Appeal Decision on Constitutionality of Price-Anderson provisions on jurisdictional competence (NLB 48, p. 32).
• 1991 Article on whether tort law should treat internal exposure differently from external exposure (NLB 49, p. 43).
• 1992 Supreme Court Decision on the constitutionality of the Low Level Radioactive Policy Amendments Act (NLB 50, p. 53).
• 1995 ALARA principle: Two Court Decisions with dramatically different implications (NLB 58, p. 72).
• 1996 Court of Appeal Decision on US DOE obligations under the Nuclear Waste Policy Act (NLB 58, p. 80).
• 1999 Decision rejecting a request barring MOX fuel shipment (NLB 65, p. 24).
• 2001 Rulings of the US Court of Appeals for the District of Columbia Circuit and of the Supreme Court regarding the Calvert Cliffs' operating license renewal proceeding (NLB 68, p. 50).
• 2003 Ruling of the US Court of International Trade in relation to the Sale of Uranium Enrichment Services in the United States (NLB 71, p. 51).
• 2003 Decision of the US District Court of Idaho on DOE Management of Radioactive Waste (NLB 73, p. 65).
• 2005 Ruling of the US Court of Appeals for the Federal Circuit in relation to the sale of uranium enrichment services in the United States (NLB 75, p. 96).
• 2006 Judgment of the US Court of Appeals Regarding Disposal of Spent Nuclear Fuel (NLB 78, p. 38).
• 2006 Judgment of the US Court of Appeals on Environmental Analysis of the Effects of Terrorism (NLB 80, p. 67).
• 2007 Judgment of the US Court of Appeals on licensing of the LES Uranium Enrichment Facility (NLB 81, p. 100).
• 2008 Summary Order of the US Court of Appeals on petitions for revision of Nuclear Regulatory Commission regulations (NLB 82, p. 116).
• 2009 Judgment of the US Supreme Court on the applicability of anti-dumping tariffs to the sale of low-enriched uranium (NLB 83, p. 94).
• 2009 Judgment of the US Supreme Court on the use of cost-benefit analysis in determining the best technology available for minimising the adverse environmental effects of cooling water intake structures (NLB 83, p. 96).
• 2009 Judgment of a US Court of Appeals on the design basis threat security rule (NLB 84, p. 120).
• 2009 Judgment of a US Court of Appeals on consideration of the environmental impacts of terrorist attacks on nuclear facilities (NLB 84, p. 122).

• 2009 Judgment of a US District Court on interstate compacts’ authority to restrict private disposal of foreign low-level radioactive waste (NLB 84, p. 124).

• 2009 Judgment of a US Court of Appeals on consideration of the environmental impacts of the risk of spent fuel pool fires (NLB 85, p. 99).

• 2010 Judgment of a US Court of Appeals on a licence to perform in situ leach uranium mining (NLB 85, p. 101).

• 2011 Judgment of a US Court of Appeals on public access to sensitive security information and consideration of the environmental impacts of terrorist attacks on nuclear facilities (NLB 87, p. 88).

• 2011 Judgment of a US District Court on an exemption from fire safety regulations (NLB 87, p. 90).

• 2011 Judgment of a US court of appeals upholding the NRC’s dismissal of challenges to the renewal of the operating licence for Oyster Creek Nuclear Generating Station (NLB 88, p. 72).

• 2011 Review of the proposed high-level waste repository at Yucca Mountain (NLB 88, p. 73).

• 2012 Judgment of a US District Court granting a permanent injunction against the State of Vermont in order to prevent certain State laws from prohibiting Vermont Yankee nuclear power plant’s continued operation (NLB 89, p. 111).

• 2012 Judgment of the Court of Appeals for the DC Circuit vacating the NRC’s 2010 Waste Confidence Decision and Rule Update (NLB 90, p. 110).

• 2012 US Supreme Court declines petition for certiorari filed by property owners on Price-Anderson Act claim for damages (NLB 90, p. 112).

• 2013 Judgment of the Court of Appeals for the first circuit upholding NRC’s consideration of wind power as alternative to relicensing under NEPA (NLB 91, p. 108).

• 2013 Judgment of the Court of Appeals for the second circuit upholding NRC’s authority to issue exemptions and remanding for consideration of public participation in preparation of environmental assessment and finding of no significant impact (NLB 91, p. 109).

• 2013 Judgment of the Court of Appeals for the first circuit upholding NRC’s decision not to reopen or suspend Pilgrim relicensing proceeding (NLB 91, p. 110).

• 2013 Judgment of the Court of Appeals for the DC Circuit vacating the NRC’s transfer of authority to the state of New Jersey over clean-up of manufacturing site (NLB 91, p. 111).

• 2013 Judgment of the Court of Appeals for the DC Circuit upholding the NRC’s issuance of combined operating licence and amended design certification (NLB 91, p. 112).
• 2013 Judgment of the Court of Appeals for the District of Columbia Circuit granting petition for writ of mandamus ordering NRC to resume Yucca mountain licensing (NLB 92, p. 92).

• 2013 Judgment of the Court of Appeals for the Second Circuit invalidating two Vermont statues as pre-empted by the Atomic Energy Act (NLB 92, p. 93).

• 2013 Dismissal by US District Court Judge of lawsuit brought by US military personnel against Tokyo Electric Power Company (TEPCO) in connection with the Fukushima Daiichi nuclear power plant accident (NLB 93, p. 94).

• 2015 Judgment of the Nuclear Regulatory Commission denying requests from petitioners to suspend final reactor licensing decisions pending the issuance of a final determination of reasonable assurance of permanent disposal of spent fuel (NLB 95, p. 66).

• 2016 Brodsky v. US Nuclear Regulatory Commission (NLB 98, p. 64)


• 2017 Virginia Uranium, Inc. v. Warren (NLB 100, p. 90).

• 2018 Natural Resources Defense Council v. NRC (NLB 100, p. 89).


• 2018 Texas v. United States, 891 F.3d 553 (NLB 101, p. 72).

• 2018 City of Boston Delegation v. FERC (NLB 101, p. 74).


• 2019 Virginia Uranium, Inc. v. Warren, affirming the lower court ruling that the Atomic Energy Act did not preempt a ban on conventional uranium mining on non-federal land (NLB 103, p. 49).

• 2020 United States lawsuits related to the TEPCO Fukushima Daiichi NPP accident (NLB 104, p. 12).

• 2021 Ninth Circuit decisions involving San Onofre Nuclear Generating Station (SONGS) (NLB 106, p. 28).

• 2021 United States lawsuits related to the TEPCO Fukushima Daiichi nuclear power plant accident (NLB 106, p. 31).

• 2021 DC Circuit decision involving subsequent licence renewal of Turkey Point Nuclear Generating Station (NLB 107, p. 56).
• 2021 Commission decisions in two consolidated interim storage facility licensing proceedings for Holetc International and Interim Storage Partners LLC (NLB 107, p. 57).

• 2021 Subsequent licence renewal adjudicatory decisions for Virginia Electric and Power Company and NextEra Energy Point Beach, LLC (NLB 107, p. 59).

Administrative decisions

• 1988 Licensing of Seabrook nuclear power station, Unit No. 1 (NLB 43, p. 58).

• 1989 Licensing of Shoreham nuclear power station, Unit No. 1 (NLB 43, p. 58).


• 2002 Yucca Mountain Site Recommendation of the Secretary of Energy (NLB 69, p. 63).

• 2011 NRC suspends adjudicatory proceeding regarding Department of Energy’s (DOE) application to construct a high-level waste repository at Yucca Mountain (NLB 89, p. 135).

• 2012 Licensing for Southern Nuclear Operating Co. (Vogtle site) Units No. 3 and 4 (NLB 89, p. 137) and South Carolina Electric & Gas Co. (Summer Nuclear Station) units 2 and 3 (NLB 89, p. 138).

• 2012 Judgment of the NRC Atomic Safety and Licensing Board finding applicants ineligible to obtain a combined license because they are owned by a U.S. corporation that is 100% foreign owned (NLB 90, p. 113).

• 2012 Judgment of an NRC Atomic Safety and Licensing Board authorising issuance of a license for the construction and operation of a commercial laser enrichment facility (NLB 90, p. 114).

• 2012 EA-12-049, Issuance of Order to Modify Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events; EA-12-051, Issuance of Order to Modify Licenses with Regard to Reliable Spent Fuel Pool Instrumentation; EA-12-050, Issuance of Order to Modify Licenses with Regard to Reliable Hardened Containment Vents (NLB 89, p. 139).

• 2013 Judgment of the NRC on transferring Shieldalloy site to New Jersey’s jurisdiction (NLB 92, p. 94).

• 2013 Judgment of the Nuclear Regulatory Commission resuming the licensing process for the Department of Energy’s construction authorisation application for the Yucca Mountain high-level radioactive waste repository (NLB 93, p. 92).

• 2013 Judgment of the Licensing Board in favour of Shaw AREVA MOX Services regarding the material control and accounting system at the proposed MOX Facility (NLB 93, p. 93).
• 2014 Initial Decision of the Atomic Safety and Licensing Board Ruling in Favour of Nuclear Innovation North America, LLC (NINA) Regarding Foreign Ownership, Control or Domination (NLB 94, p. 117).


• 2016 Commission authorises issuance of construction permit for the SHINE Medical Isotope Facility in Janesville, Wisconsin (NLB 97, p. 78).

• 2016 Commission authorises issuance of combined licences for the South Texas Project site in Matagorda County, Texas (NLB 97, p. 78).

• 2019 NRC Atomic Safety and Licensing Board issues decisions in two consolidated interim storage facility cases (NLB 103, p. 50).

• 2021 Commission decisions in two licence transfer proceedings (NLB 106, p. 30).

Agreements

• 1957 Agreement with Australia on Co-operation in the Peaceful Uses of Nuclear Energy. 1985 Administrative Arrangements (NLB 35, p. 55; NLB 38, p. 52).


• 1959 Co-operation Agreement with the IAEA. 1980 Amendment (NLB 24, p. 31; NLB 26, p. 34).

• 1968 Co-operation Agreement with the Philippines on the Peaceful Uses of Atomic Energy (NLB 6, p. 38).


• 1970 Agreement with Austria on the Leasing of Special Nuclear Material (NLB 6, p. 36).

• 1970 Agreement with Finland for Co-operation in the Peaceful Uses of Atomic Energy (NLB 7, p. 36).

• 1973 Co-operation Agreement with the USSR on the Peaceful Uses of Atomic Energy (NLB 12, p. 23).

• 1973 Agreement with the USSR on the Prevention of Nuclear War (NLB 12, p. 24).


• 1974 Co-operative Agreements with Sweden and Switzerland on Nuclear Energy Regulation Matters (NLB 15, p. 31).
• 1974 LOFT Agreement with the Federal Republic of Germany (NLB 16, p. 40).
• 1976 Agreements with Japan relating to Japanese Participation in Reactor Safety Research (NLB 17, p. 28).
• 1977 Agreement with Japan on Reprocessing of Nuclear Material of US Origin (NLB 21, p. 50).
• 1978 Arrangement with Belgium on Exchange of Technical Information and Co-operation in Reactor Safety Research (NLB 23, p. 50).
• 1982 Agreement between the DOE and the Commission of the European Communities in the Field of Nuclear Materials Safeguards (NLB 30, p. 38).
• 1982 Memorandum of Understanding between the DOE and the Commission of the European Communities in the Field of Radioactive Waste Management (NLB 30, p. 39).
• 1982 Agreement between the DOE and Atomic Energy of Canada Ltd. (AECL) in the Field of Radioactive Waste Management (NLB 30, p. 39).
• 1982 Agreement between the DOE and the Japan Power Reactor and Nuclear Fuel Development Corporation in the Field of Liquid Metal Fast Breeder Reactors (NLB 30, p. 39).
• 1983 Co-operation Agreements with Norway and Sweden in the Field of Peaceful Uses of Nuclear Energy (NLB 33, p. 35).
• 1983 Memorandum of Understanding between the DOE and the French Commissariat à l’énergie atomique (CEA) in the Field of Physical Protection of Nuclear Materials and Facilities (NLB 33, p. 35).
• 1983 Protocol with the People’s Republic of China in the Fields of Nuclear Physics and Magnetic Fusion Research (NLB 33, p. 36).
• 1983 Specific Memorandum of Agreement between the DOE and the United Kingdom Atomic Energy Authority in the Area of Measurement of Residual Fuel in Liquid Metal Fast Breeder Reactors Head-end Wastes (NLB 33, p. 36).

• 1983 and 1984 Agreements between the DOE and the Japan Power Reactor and Nuclear Fuel Development Corporation in the Field of Liquid Metal Fast Breeder Reactors (NLB 33, p. 36).

• 1984 Science and Technology Co-operation Agreement with Brazil. 1994 Extension (NLB 57, p. 87).


• 1987 Agreement with Japan on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 40, p. 46).

• 1988 Memorandum of Co-operation with the USSR in the Field of Nuclear Reactor Safety (NLB 43, p. 94).

• 1989 Administrative Arrangement with Canada for Co-operation and Exchange of Information in Nuclear Regulatory Matters (NLB 44, p. 59).

• 1989 Agreement with Australia concerning Australian Ores Containing Uranium or Thorium (NLB 46, p. 84).


• 1991 Agreement with Hungary on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 49, p. 74).


• 1993 Agreements with the Russian Federation and with Ukraine on Operational Safety Enhancements etc. (NLB 53, p. 109).

• 1993 Agreement with Ukraine on Non-proliferation of Nuclear Weapons from Ukraine. 1999 Extension (NLB 64, p. 72).


• 1995 Agreement with South Africa for Co-operation concerning Peaceful Uses of Nuclear Energy (NLB 57, p. 93).

• 1995 Agreement with Germany on Reactor Safety R & D (NLB 59, p. 67).

• 1996 Agreement with Bulgaria for Co-operation in the Field of Peaceful Uses of Nuclear Energy (NLB 57, p. 87).


• 1996 Memorandum of Understanding with the Republic of Korea for a Co-operative Laboratory Relationship. 2000 Annex IV Joint Project on Cintichem Technology (NLB 68, p. 82).

• 1997 Arrangement with Argentina for Technical Exchange and Co-operation in the Area of Peaceful Uses of Nuclear Energy (NLB 61, p. 95).

• 1997 Agreement with Brazil for Co-operation concerning Peaceful Uses of Nuclear Energy (NLB 64, p. 67).

• 1997 Agreement of Intent with the People’s Republic of China concerning Peaceful Uses of Nuclear Technology (NLB 61, p. 98).


• 1997 Agreement with Switzerland in the Field of Radioactive Waste Management (NLB 61, p. 101).

• 1997 Agreement with Kazakhstan for Co-operation concerning the Peaceful Uses of Nuclear Energy (NLB 66, p. 65).


• 1998 Agreement with the People’s Republic of China on Co-operation concerning Peaceful Uses of Nuclear Technologies (NLB 62, p. 82; NLB 64, p. 68).

• 1998 Agreement with Ukraine concerning Peaceful Uses of Nuclear Energy (NLB 62, p. 87).


• 1999 Co-operation Arrangement with Kazakhstan concerning Decommissioning of the BN-350 Reactor (NLB 65, p. 64).

• 1999 Agreement with Romania concerning Peaceful Uses of Nuclear Energy (NLB 64, p. 70).

• 1999 Agreement with Australia for Co-operation concerning Technology for the Separation of Isotopes of Uranium by Laser Excitation (SILEX Agreement) (NLB 66, p. 61).

• 2000 Letter of Intent with Israel on Co-operation in the Fields of Non-proliferation, Arms Control, and Regional Security (NLB 65, p. 63).

• 2000 Memorandum of Understanding with France on Co-operation relating to Future Nuclear Technology (NLB 66, p. 64).


• 2000 Agreement with Japan in the Field of Nuclear Technologies (NLB 67, p. 63).

• 2000 Implementing Agreement with Ukraine concerning the Ukraine Nuclear Fuel Qualification Project (NLB 67, p. 64).

• 2003 Agreement with France for Exchange of Technical Information and Co-operation in the Regulation of Nuclear Safety (NLB 72, p. 71).

• 2003 Agreement with Brazil concerning co-operation in nuclear energy (NLB 73, p. 105).

• 2007 Agreement for Cooperation between the Government of the United States of America and the Government of India Concerning Peaceful Uses of Nuclear Energy (NLB 82, p. 41)

• 2008 Memorandum of Understanding with Bahrain on nuclear energy co-operation to ensure the stability and diversity of Bahrain's energy supplies (NLB 82, p. 199).

• 2008 Co-operative Arrangement with Croatia on co-operation in the peaceful uses of nuclear energy (NLB 89, p. 199).

• 2008 Memorandum of Understanding with Jordan on the peaceful use of nuclear energy and to work together to develop requirements for appropriate power reactors, fuel service arrangements, civilian training, nuclear safety, energy technology and other related areas (NLB 82, p. 199).

• 2008 Agreement with the Russian Federation on nuclear co-operation in the peaceful use of nuclear energy (NLB 82, p. 199).
• 2008 Memorandum of Understanding with Türkiye on co-operation in peaceful uses of nuclear energy
• 2008 Memorandum of Understanding with the United Arab Emirates on co-operation in peaceful uses of nuclear energy (NLB 82, p. 200).
• 2008 Accord with the United States on Training, Research and Human Resources (NLB 82, p. 200).
• 2008 Agreement with Australia for co-operation for research and development/exchange of scientific and technical information (NLB 82, p. 201).
• 2008 Agreement with France for co-operation for research and development/exchange of scientific and technical information (NLB 82, p. 201).
• 2008 Agreement with Greece for co-operation for research and development/exchange of scientific and technical information (NLB 82, p. 201).
• 2008 Agreement with Indonesia for co-operation for research and development/exchange of scientific and technical information (NLB 82, p. 201).
• 2009 Agreement with the United Arab Emirates for co-operation in the peaceful uses of nuclear energy (NLB 83, p. 141).
• 2009 Agreement with South Africa on Co-operation in Research and Development of Nuclear Energy (NLB 84, p. 193).
• 2009 Joint Declaration with Italy on Nuclear Co-operation in civilian nuclear energy research and development covering areas of advanced nuclear energy systems and associated fuel cycle technologies (NLB 84, p. 193).
• 2009 Agreement with Iceland on co-operation to improve efforts to counter nuclear and radiological terrorism and promote international nuclear and environmental safety and security (NLB 84, p. 193).
• 2009 Agreement with Morocco on co-operation to improve efforts to counter nuclear and radiological terrorism and promote international nuclear and environmental safety and security (NLB 84, p. 193).
• 2010 Memorandum of understanding with Viet Nam on Co-operation in Civil Nuclear Energy Activities (NLB 85, p. 151).
• 2010 “New” START agreement with the Russian Federation on the reduction of deployed strategic nuclear warheads (NLB 85, 152).
• 2010 Joint declaration with the Czech Republic on industrial and commercial co-operation on civil nuclear energy (NLB 86, p. 93).
• 2010 Agreement with France and Japan on co-operation towards the joint design and development of fast breeder reactors (NLB 86, p. 93).
• 2010 Agreement with India on the reprocessing of nuclear material (NLB 86, p. 94).
• 2010 Agreements with Japan, Korea, Lithuania, Poland, and the Slovak Republic, respectively, on the exchange of technical information (NLB 86, p. 94).
• 2010 Memoranda of co-operation with Australia and Canada, respectively, for the import and export of certain radioactive sources (NLB 86, p. 94).

• 2021 Memorandum of Understanding with the Nuclear Regulatory Authority of the Slovak Republic regarding the exchange of technical information and co-operation in nuclear safety matters (NLB 107, p. 66).

**Uruguay**

**Legislative and regulatory activities**

**Environmental protection**

• 1994 Act on Environmental Protection (NLB 54, p. 60).

• 1994 Decree on Toxic and Dangerous Substances (NLB 54, p. 60).

• 1994 Resolution on Environmental Impact Assessments (NLB 55, p. 45).

**General legislation, regulations and instruments**

• 1980 Draft nuclear legislation and reorganisation of national nuclear policy (NLB 31, p. 19).

• 1984 Decree regulating the Use and Applications of Radioactive Materials and Ionising Radiation (NLB 37, p. 28).

**Nuclear installations**

• 1991 Act concerning Approval of Nuclear Power Plants (NLB 54, p. 59).

**Nuclear safety and radiological protection (including nuclear emergency planning)**


• 2002 Regulations on Radiation Protection (NLB 72, p. 58).

• 2013 Law 19.056 on Radiological Protection (NLB 92, p. 115).

**Organisation and structure**

• 1986 Act creating the National Nuclear Technology Directorate and related texts (NLB 43, p. 85).

• 2004 Decree Establishing the National Directorate of Energy and Nuclear Technology (NLB 74, p. 69).
Radioactive materials (including physical protection)


Radioactive waste management

- 2002 Regulation on Radioactive Waste Management (NLB 72, p. 59).

Transport of radioactive materials

- 1985 Decree on the Transport of Dangerous Goods (NLB 37, p. 29).

Uzbekistan

Legislative and regulatory activities

Nuclear safety and radiological protection (including nuclear emergency planning)


Agreements

- 2003 Agreement with Euratom for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 72, p. 70).

Venezuela

Legislative and regulatory activities

Nuclear safety and radiological protection (including nuclear emergency planning)

- 1986 Resolution on Concentration Limits for Radionuclides in Foods and Beverages (NLB 41, p. 30).

Organisation and structure

- 1975 Decree on Development of the Nuclear Industry (NLB 21, p. 36).
Radioactive materials (including physical protection)

- 1978 Decree establishing a System for Record-keeping and Control of Nuclear Materials (NLB 25, p. 27).

Agreements

- 1979 Memorandum of Understanding with Brazil on Scientific and Technical Co-operation in the Nuclear Field (NLB 25, p. 41).
- 2008 Agreement with the Russian Federation on Co-operation in the Field of the Peaceful Use of Nuclear Energy (NLB 82, p. 200).
- 2010 Agreement with the Russian Federation on the Construction of Two Nuclear Units in Venezuela (NLB 86, p. 94).

Viet Nam

Legislative and regulatory activities

General legislation, regulations and instruments

- 1971 Summary of the Regulations governing Nuclear Activities (NLB 8, p. 21).

Nuclear safety and radiological protection (including nuclear emergency planning)

- 1997 Ordinance on Radiation Safety and Control (NLB 61, p. 90).

Agreements

- 1996 Agreement with the Republic of Korea for Co-operation in Research into the Peaceful Uses of Nuclear Energy (NLB 62, p. 84).
- 2008 Agreement with Japan to Co-operate on Preparatory Work for the Construction of Viet Nam’s First Nuclear Power Plant (NLB 82, p. 200).
- 2010 Memorandum of understanding with the United States on Co-operation in Civil Nuclear Energy Activities (NLB 85, p. 151).
- 2010 Agreement with the Russian Federation on the Construction of Two Nuclear Units in Vietnam (NLB 86, p. 94).
(Former) Yugoslavia

Legislative and regulatory activities

**Food irradiation**


**General legislation, regulations and instruments**

- 1984 Act on Protection against Ionising Radiation and Special Safety Measures in the Use of Nuclear Energy (NLB 35, p. 35; NLB 36, p. 24). The text of the Act is reproduced in the *Supplement to NLB 36*.
- 1987 Draft Amendments to the Constitution (NLB 40, p. 20).
- 1987 Act on Postponement of the Construction of Nuclear Power Plants until the Year 2000 (Slovenia) (NLB 40, p. 21; NLB 41, p. 30).
- 1989 Act prohibiting the Construction of Nuclear Power Plants in Yugoslavia (NLB 44, p. 54).

**Liability and compensation**

- 1978 Act on Liability for Nuclear Damage (NLB 23, p. 35). The text of the Act is reproduced in the *Supplement to NLB 23*.
- 1987 Decree raising the Amount of Liability for Nuclear Damage (NLB 40, p. 22).

**Nuclear installations**


**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1971 Summary of the legal provisions governing radiation protection (NLB 8, p. 24).
- 1968 Regulation concerning the Formalities for Declaration and Registration within the Framework of Radiation Protection (NLB 10, p. 17).
• 1986 Regulation on Dose Equivalent Limits for Members of the Public and for Occupational Exposure, Measurements of Occupational Exposure and Monitoring of the Working Environment (NLB 39, p. 25).

• 1989 Status of Radiation Protection Regulations (NLB 43, p. 82).

Organisation and structure

• 1987 Act setting up the Republic of Slovenia’s Nuclear Safety Administration (NLB 40, p. 21).

Radioactive waste management


Transport of radioactive materials

• 1969 Regulation dealing with the Transport of Radioactive Materials whose Activity Exceeds the Specified Limit (NLB 10, p. 18).


Zambia

Legislative and regulatory activities

Nuclear safety and radiological protection (including nuclear emergency planning)

• 1972 Ionising Radiation Act (NLB 10, p. 18; NLB 17, p. 20).

Organisation and structure


Zimbabwe

Legislative and regulatory activities

Radioactive materials (including physical protection)

• 1987 Hazardous Substances and Articles Regulations (NLB 45, p. 73).
INTERNATIONAL ORGANISATIONS

Arab Atomic Energy Agency

Legislative and regulatory activities

- 1994 Organisation of the Agency (NLB 54, p. 64).

Council of Europe

Legislative and regulatory activities

- 1993 Recommendation of the Parliamentary Assembly on Nuclear Power Plants in Central and Eastern Europe (NLB 51, p. 82).
- 1997 Recommendation of the Parliamentary Assembly on the Safety of Nuclear Installations in the Countries of Central and Eastern Europe (NLB 60, p. 102).

Case law

- 1997 Balmer-Schafroth and Others v. Switzerland: Judgment of the European Court of Human Rights concerning the extension of the operating licence of the Mühleberg NPP (NLB 60, p. 65).
European Organization for Nuclear Research (CERN)

Legislative and regulatory activities

- 1972 Agreement with France on CERN’s Legal Status, revising the 1965 Agreement (NLB 11, p. 36).
- 1985 Portugal accedes to CERN (NLB 36, p. 37).
- 1985 Agreement with France on the Legal Position regarding Nuclear Materials Held by CERN on French Territory (NLB 38, p. 54).

European Union (EURATOM)

Legislative and regulatory activities

Environmental protection

- 2002 Proposals for a Directive on environmental liability with regard to the prevention and remedying of environmental damage (NLB 72, p. 66).
- 2004 Commission Recommendation 2004/2/Euratom on standardised information on radioactive airborne and liquid discharges into the environment from nuclear power reactors and reprocessing plants in normal operation (NLB 73, p. 102).
- 2006 Communication of the European Commission on Verification of Environmental Radioactivity Monitoring Facilities (NLB 78, p. 64).
- 2021 Inclusion of nuclear energy into the EU Taxonomy Regulation (NLB 107, p. 72).

Food irradiation
- 2016 Council Regulation 2016/52/Euratom of 15 January 2016 laying down maximum permitted levels of radioactive contamination of food and feed following a nuclear accident or any other case of radiological emergency, and repealing Regulation (Euratom) No. 3954/87 and Commission Regulations (Euratom) No. 944/89 and (Euratom) No. 770/90 (NLB 97, p. 95).

General legislation, regulations and instruments
- 2009 Entry into force of the Lisbon Treaty (NLB 85, p. 147).


• 2012 7th European Atomic Energy Community European Nuclear Energy Forum (ENEF) plenary meeting (NLB 90, p. 136).


• 2013 Communication from the Commission on “Delivering the internal electricity market and making the most of public intervention” (C/2013/7243) (NLB 93, p. 117).

• 2014 Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions on “A policy framework for climate and energy in the period from 2020 to 2030” (COM/2014/015) (NLB 93, p. 117).


• 2015 Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee, the Committee of the Regions and the European Investment Bank on “a Framework Strategy for a Resilient Energy Union with a Forward-Looking Climate Change Policy” (NLB 95, p. 85).

• 2016 Communication from the Commission on the State of the Energy Union 2015 (NLB 97, p. 96).
• 2016 Communication from the Commission on a Nuclear Illustrative Programme (NLB 98, p. 86).
• 2017 Communication from the Commission on the state of progress of the negotiations with the United Kingdom under Article 50 of the Treaty on European Union (NLB 100, p. 107).
• 2018 Protection of persons reporting on breaches of European Union and Euratom Community law (whistleblower protection) (NLB 101, p. 94).
• 2019 Communication on a more efficient and democratic decision-making in EU energy and climate policy (NLB 102, p. 107).
• 2019 European Study on Medical, Industrial and Research Applications of Nuclear and Radiation Technology (NLB 102, p. 109).
• 2018 Study on the impact of the ITER activities in the EU, final report (NLB 103, p. 66).
• 2021 New Rules of the Euratom Supply Agency (ESA) enter into force (NLB 107, p. 69).

**International relations**

• 2017 Memorandum of Understanding on a Strategic Energy Partnership between the European Union together with the European Atomic Energy Community and Ukraine (NLB 99, p. 96).
• 2018 Notice to stakeholders: Withdrawal of the United Kingdom and the EURATOM acquis (NLB 101, p. 93).
Liability and compensation

- 2003 Proposals for decisions authorising the Member States to sign and ratify the Protocol to amend the Paris Convention (NLB 72, p. 66).
- 2003 Proposal of a Regulation on the law applicable to non-contractual obligations (NLB 72, p. 67).
- 2003 and 2004 Council Decisions authorising the Member States to sign and ratify the Protocol to Amend the Paris Convention, or to accede to it (NLB 73, p. 102).
- 2011 Third Party Liability Group (NLB 88, p. 100).
- 2012 proposal for a Council Decision authorising the Member States which are Contracting Parties to the Vienna Convention on Civil Liability for Nuclear Damage of 21 May 1963 to ratify the Protocol amending that Convention in the interest of the European Union, or to accede to it (COM/2012/550) (NLB 90, p. 133).

Nuclear installations

- 2006 Commission Recommendation on the Efficient Use of Nuclear Decommissioning Funds (NLB 78, p. 64).
- 2006 Council Decision on ITER (NLB 78, p. 64).
- 2013 Commission Decision to initiate the procedure laid down in Article 108(2) on the Treating on the Functioning of the European Union concerning the Investment Contract (early Contract for Difference) for the Hinkley Point C New Nuclear Power Station (NLB 93, p. 123).


• 2016 Report from the Commission to the European Parliament and the Council on the implementation of the work under the nuclear decommissioning assistance programme to Bulgaria, Lithuania and Slovakia in 2015 and previous years (NLB 98, p. 87).


• 2018 Commission report on the evaluation and implementation of the EU nuclear decommissioning assistance programmes in Bulgaria, Slovakia and Lithuania (NLB 101, p. 95).

**Nuclear safety and radiological protection (including emergency planning)**


• 1987 Resolution of the European Parliament on the Problem of Contamination of Foodstuffs following the Chernobyl Disaster (NLB 40, p. 35).
• 1987 Resolution of the European Parliament on the Reaction of the Community to Chernobyl (NLB 40, p. 38).

• 1989 Regulation (EEC) No. 2219/89 on the Special Conditions for Exporting Foodstuffs and Feedingstuffs following a Nuclear Accident or any other Case of Radiological Emergency. (NLB 44, p. 85).

• 1989 Regulation (Euratom) No. 944/89 laying down Maximum Permitted Levels of Radioactive Contamination in Minor Foodstuffs following a Nuclear Accident or any other Case of Radiological Emergency (NLB 44, p. 87).


• 1990 Regulation (Euratom) No. 770/90 laying down Maximum Permitted Levels of Radioactive Contamination of Feedingstuffs following a Nuclear Accident or any other Case of Radiological Emergency (NLB 45, p. 79). 2000 Amendment (NLB 66, p. 57).

• 1990 Commission Recommendation No. 143 on Protection of the Public against Indoor Exposure to Radon (NLB 46, p. 81).

• 1990 Directive 90/641/Euratom on the Operational Protection of Outside Workers Exposed to the Risk of Ionising Radiation during their Activities in Controlled Areas (NLB 47, p. 64).


• 1992 Council Resolution on the Technological Problems of Nuclear Safety (NLB 51, p. 82).


• 1996 Directive 96/82/EC concerning the control of risks arising from major accidents involving hazardous substances (Seveso Directive II) (NLB 59, p. 64).

• 1997 Directive 97/43/Euratom on Health Protection of Individuals against the Dangers of Ionising Radiation in Relation to Medical Exposures (NLB 60, p. 96).


• 2001 Recommendation 2001/928/Euratom on the protection of the public against exposure to radon in drinking water supplies (NLB 69, p. 95).

• 2003 Decisions in relation to civil protection (NLB 73, p. 100).
• 2003 Recommendation on the protection and information of the public with regard to the continued contamination of certain wild food products following the Chernobyl Accident (NLB 72, p. 65).

• 2003 and 2004 Proposals for Directives on nuclear safety and radioactive waste management (NLB 72, p. 64; NLB 74, p. 76).


• 2009 Amendment to Council Regulation on the conditions governing imports of agricultural products originating in third countries following the accident at the Chernobyl nuclear power station (NLB 85, p. 147).


• 2011 Commission Implementing Regulation No. 1371/2011 of 21 December 2011 amending Implementing Regulation (EU) No. 961/2011 imposing special conditions governing the import of feed and food originating in or consigned from Japan following the accident at the Fukushima nuclear power station (NLB 89, p. 143).


• 2012 first public meeting on EU stress tests and peer review process (NLB 89, p. 144); second public meeting (NLB 90, p. 135).

• 2012 European Commission seminar on Safety of Nuclear Power Plants against Aircraft Impacts (NLB 90, p. 136).


• 2012 Commission Implementing Regulation (EU) No. 250/2012 of 21 March 2012 amending Implementing Regulation (EU) No. 961/2011 imposing special conditions governing the import of feed and food originating in or consigned from Japan following the accident at the Fukushima nuclear power station (NLB 89, p. 143).


• 2012 Commission Implementing Regulation (EU) No. 284/2012 imposing special conditions governing the import of feed and food originating in or consigned from Japan following the accident at the Fukushima nuclear power station and repealing Implementing Regulation (EU) No. 961/2011 (NLB 90, p. 133).

• 2012 Commission Implementing Regulation (EU) No. 561/2012 amending Implementing Regulation (EU) No. 284/2012 imposing special conditions governing the import of feed and food originating in or consigned from Japan following the accident at the Fukushima nuclear power station (NLB 90, p. 133).

• 2012 Commission Implementing Regulation (EU) No. 996/2012 imposing special conditions governing the import of feed and food originating in or consigned from Japan following the accident at the Fukushima nuclear power station and repealing Implementing Regulation (EU) No. 284/2012 (NLB 90, p. 133).

• 2013 Commission Implementing Regulation (EU) No. 495/2013 amending Implementing Regulation (EU) No. 996/2012 imposing special conditions governing the import of feed and food originating in or consigned from Japan following the accident at the Fukushima nuclear power station (NLB 92, p. 117).


• 2013 Commission Decision on granting a Euratom loan in support of the Ukraine safety upgrade program of nuclear power plants (C(2013)3496) (NLB 92, p. 119).


• 2013 European Commission organised meeting on “Stress Tests for Nuclear Power Plants in European Union (EU) Neighbouring Countries: Experience and Follow-up” (NLB 93, p. 123).

• 2014 Proposal for a Council Regulation laying down maximum permitted levels of radioactive contamination of food and feed following a nuclear accident or any other case of radiological emergency (COM/2013/943) (NLB 93, p. 113).

• 2014 Commission Implementing Regulation (EU) No. 322/2014 imposing special conditions governing the import of feed and food originating in or consigned from Japan following the accident at the Fukushima nuclear power station (NLB 93, p. 116).


• 2014 Annual Action Programme for the implementation of nuclear safety cooperation (NLB 94, p. 134).

• 2018 Budgetary support for nuclear safety and decommissioning (NLB 101, p. 94).

• 2020 Special reports of the Court of Auditors about the European Commission’s contribution to nuclear safety (NLB 104, p. 30).

Nuclear security


• 2015 Report from the Commission to the European Parliament, the Council and the European Economic and Social Committee on the experience gained in the implementation of Directive 2003/122/EURATOM on the control of high-activity sealed radioactive sources and orphan sources (NLB 95, p. 86).

• 2016 Council decision on the Union support for the International Atomic Energy Agency activities in the areas of nuclear security and in the framework of the implementation of the EU Strategy against the Proliferation of Weapons of Mass Destruction (NLB 99, p. 96).

Nuclear trade (including non-proliferation)

• 1982 Proposed new provisions relating to supplies under the Euratom Treaty (NLB 31, p. 25).

• 1988 CEC Statement to the European Parliament’s Committee of Enquiry on the exchange of obligations on safeguarding nuclear materials (NLB 42, p. 43).
• 1996 Decision No. 96/613/PESC concerning the Control of Exports of Dual Use Goods (NLB 59, p. 64).
• 2002 and 2005 Commission Regulation (Euratom) on the Application of Euratom Safeguards (NLB 72, p. 65; NLB 75, p. 135; NLB 76, p. 98).
• 2003 Proposal of a Regulation on the law applicable to non-contractual obligations (NLB 72, p. 67).
• 2005 Commission Regulation on the Application of Euratom Safeguards (NLB 75, p. 139).
• 2009 Communication on nuclear non-proliferation (NLB 83, p. 137).

Organisation and structure
• 1971, 1985 and 1994 Reorganisation of the Euratom Joint Research Centre (NLB 7, p. 35; NLB 37, p. 39; NLB 55, p. 49). 1983 Decision by the Council of Ministers on the programme of the ISPRA Joint Research Centre (NLB 33, p. 31).
• 1990 Regulation No. 1210 on the Establishment of the European Environment Agency and the European Environment Information and Observation Network (NLB 46, p. 81).
• 2000 Transfer of responsibilities for nuclear safety issues (NLB 66, p. 57).
• 2012 Topical peer reviews (NLB 89, p. 144).
• 2013 EU-IAEA Senior Officials meeting (NLB 91, p. 133).

Radioactive materials (including physical protection)
• 2002 Council Regulation on the Establishment of national systems for surveillance and control of the presence of radioactive materials in the recycling of metallic materials in the Member States (NLB 70, p. 63).
• 2003 Proposal for Directive on the control of high activity sealed radioactive sources (NLB 72, p. 65).

• 2007 Commission Decision concerning the accession of the European Atomic Energy Community to the Convention on the Physical Protection of Nuclear Material and Nuclear Facilities (NLB 81, p. 121)

• 2012 Proposal for a Council Regulation establishing a Community system for registration of carriers of radioactive materials (COM/2012/561) (NLB 90, p. 132).

• 2012 Council Conclusions “Towards the Secure Supply of Radioisotopes for Medical Use in the European Union” (NLB 91, p. 132).


Radioactive waste management

• 1990 Commission Recommendation on the Application of Article 37 of the Euratom Treaty (NLB 47, p. 64).

• 1992 Council Resolution on Renewal of Community Plan of Action in the Field of Radioactive Waste Management (NLB 51, p. 81).

• 1994 Council Resolution No. 94/C 379/01 on Radioactive Waste Management (NLB 55, p. 50).

• 1999 Recommendation No. 1999/669 on a Classification System for Solid Radioactive Waste (NLB 64, p. 66).

• 2003 and 2004 Proposals for Directives on nuclear safety and radioactive waste management (NLB 72, p. 64; NLB 74, p. 76).


• 2008 European Commission Recommendation on criteria for the export of radioactive waste and spent fuel to third countries (NLB 83, p. 136).


• 2018 Euratom report on the implementation of the Joint Convention (NLB 101, p. 95).


• 2021 Commission Decision setting up the group of experts on financial aspects of nuclear decommissioning and spent fuel and radioactive waste management (NuBaFA) (NLB 107, p. 69).

Transport of radioactive materials


Case law

• 1988 Decision of the European Communities Court of Justice concerning the Cattenom nuclear power plant (NLB 42, p. 32).


• 1996 *ENU v. the European Commission*: oral proceedings (NLB 55, p. 23). Judgments of the Court of First Instance and of the European Communities’ Court of Justice (NLB 56, p. 58; NLB 58, p. 82; NLB 59, p. 39).

• 1996 *The KLE Case*: oral proceedings and 1997 Judgment of the Court of First Instance (NLB 58, p. 80; NLB 59, p. 39).

• 1999 *Lirussi and Bizzaro*: Judgment of the European Communities Court of Justice (NLB 65, p. 25).


• 2006 Judgment of the Court of First Instance in Relation to German Tax Exemptions for Reserves Set up by Nuclear Power Stations (NLB 77, p. 44).

• 2006 Judgment of the Court of Justice in Relation to its Jurisdiction to Rule on Disputes Concerning Interpretation and Application of the Provisions of Conventions Forming Part of the Community Legal Order (NLB 77, p. 45).

• 2006 Judgment of the European Court of Justice on Uranium Enrichment (NLB 78 p.39).

• 2007 Judgment of the European Court of Justice on failure of a Member State to fulfil obligations under Directive 96/29/Euratom (NLB 81, p. 99).

• 2009 Judgment of the European Court of Justice in the Case *Land Oberösterreich v CEZ* (NLB 84, p. 118).

• 2011 Greenland cases (NLB 88, p. 70).

• 2020 Judgment of the Court of Justice of the EU in the Case *Inter-Environnement Wallonie and Bond Beter Leefmilieu Vlaanderen v Council of Ministers* (NLB 104, p. 31).

• 2020 Court of Justice of the European Union judgment in *Austria v. Commission*, in Case C-594/18 P (Hinkley Point C) (NLB 105, p. 90).

**Administrative decisions**

• 1990 Decision on ANF Lingen relating to a Procedure in Application of Article 83 of the Euratom Treaty (NLB 47, p. 37). Community undertakings in the nuclear field placed under administration in 1993 (NLB 52, p. 44).

**Agreements**

• 1958 Co-operation Act between Euratom and the United States. Amendment (NLB 1, p. 29).

• 1960 and 1996 Agreements with the United States on Peaceful Nuclear Co-operation (NLB 56, p. 102; NLB 57, p. 90).

• 1972 Agreement with the IAEA concerning the Application of the Treaty on the Non-Proliferation of Nuclear Weapons (NLB 11, p. 30; NLB 19, p. 27).

• 1975 Co-operation Agreement with the IAEA on the Peaceful Uses of Nuclear Energy (NLB 16, p. 33; NLB 17, p. 29).

• 1978 Agreement with the IAEA and France for the Application of Safeguards to Certain Nuclear Materials in France (NLB 28, p. 44).

• 1981 Agreement with Australia on Nuclear Materials (NLB 30, p. 39).

• 1982 Agreement with the US Department of Energy (DOE) in the Field of Nuclear Materials Safeguards (NLB 30, p. 38).

• 1982 Memorandum of Understanding with the DOE in the Field of Radioactive Waste Management (NLB 30, p. 39).

• 1984 Co-operative Agreement with the Swiss National Corporation for the Disposal of Radioactive Waste (CEDRA) (NLB 34, p. 44).

• 1986 Memorandum of Understanding with Canada on Co-operation in the Field of Fusion (NLB 37, p. 43).

• 1986 Memorandum of Understanding with the United States concerning Research on the Health and Environmental Effects of Radiation (NLB 38, p. 55).

• 1990 Co-operation Agreement with Sweden on Research and Training in the Field of Radiation Protection (NLB 47, p. 73).

• 1990 Research and Development Co-operation Agreement with Switzerland in the Field of Radioactive Waste Management (NLB 47, p. 74).

• 1991 Agreement with Romania on Commercial and Economic Co-operation (NLB 48, p. 66).

• 1991 Agreements with Hungary and Poland on Establishment of an Association for Assistance in the Nuclear Field (NLB 52, p. 81).

• 1993 Arrangement with Australia concerning the Agreement on Nuclear Transfers (NLB 55, p. 51).

• 1995 Memorandum of Understanding with the Russian Federation on Technical Assistance in Nuclear Safety (NLB 55, p. 54).

• 1995 Memoranda with the Russian Federation and Ukraine dealing with Technical Assistance in the Field of Nuclear Safety (NLB 57, p. 89).

• 1996 Co-operation Agreement with Argentina relating to the Peaceful Uses of Nuclear Energy (NLB 61, p. 95).

• 1997 Participation by the European Union in the Korean Peninsula Energy Development Organisation (KEDO) (NLB 60, p. 112).
• 1998 Implementing Arrangement with Australia concerning Plutonium Transfers (NLB 66, p. 61).
• 2001 Co-operation Agreement with the Russian Federation on Nuclear Safety (NLB 68, p. 80).
• 2001 Co-operation Agreement with the Russian Federation on Controlled Nuclear Fusion (NLB 68, p. 80).
• 2003 Agreement with Non-Member States of the European Union on radiological emergency (NLB 72, p. 70).
• 2003 Agreement with Uzbekistan for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 72, p. 70).
• 2010 The European Union and the IAEA: Agreement to implement “integrated safeguards” in all EU non-nuclear-weapon states with “significant” nuclear activities (NLB 85, p. 152).
• 2013 Commission Decision on granting a Euratom loan in support of the Ukraine safety upgrade program of nuclear power plants (C(2013)3496) (NLB 92, p. 119).
• 2013 Signature of the Agreement between the government of South Africa and the European Atomic Energy Community for co-operation in the peaceful uses of nuclear energy, 18 July (NLB 92, p. 119).
• 2013 Signature of the Memorandum of Understanding for a partnership between the European Atomic Energy Community and the International Atomic Energy Agency on nuclear safety co-operation, 17 September (NLB 92, p. 120).
• 2015 Signature of an Agreement for Scientific and Technological Cooperation between the European Union and European Atomic Energy Community and the Swiss Confederation associating the Swiss Confederation to Horizon 2020 – the Framework Programme for Research and Innovation and the Research and Training Programme of the European Atomic Energy Community complementing Horizon 2020; and regulating the Swiss Confederation’s participation in the ITER activities carried out by Fusion for Energy (NLB 95, p. 87).
• 2016 Memorandum of Understanding on a Strategic Energy Partnership between the European Union together with the European Atomic Energy Community and Ukraine (NLB 99, p. 96).
• 2020 Agreements between the United Kingdom and the European Union and the Euratom Community in the nuclear field (NLB 106, p. 41).
Food and Agricultural Organization (FAO)

Legislative and regulatory activities

Nuclear safety and radiological protection (including nuclear emergency planning)


International Atomic Energy Agency (IAEA)

Legislative and regulatory activities

Environmental protection

- IAEA Responsibilities under the 1972 London Convention on the Prevention of Marine Pollution (NLB 11, p. 28; NLB 12, p. 22; NLB 14, p. 36; NLB 19, p. 31; NLB 36, p. 34).

Food irradiation

- 1968 Survey of legislation on irradiated food (NLB 2, p. 32).
- 1972 Consultation Group on the Legal Aspects of Food Irradiation (NLB 9, p. 71).
- 1979 Standardisation of irradiated food (NLB 26, p. 31).

Liability and compensation

- Exemption of small quantities of nuclear material from the scope of the Vienna Convention (NLB 7, p. 33; NLB 8, p. 29; NLB 14, p. 37).
- 1984 and 1987 Meetings of the Standing Committee on Civil Liability for Nuclear Damage (NLB 33, p. 30; NLB 39, p. 31).
- 1990 Standing Committee on Liability for Nuclear Damage (NLB 45, p. 77; NLB 46, p. 78).
- 1994 Work on revision of the Vienna Convention and on a Supplementary Funding Convention (NLB 53, p. 104).

Meetings of the International Expert Group on Nuclear Liability (INLEX): NLB 75, p. 135; NLB 78, p. 60; NLB 80, p. 114; NLB 82, p. 231; NLB 84, p. 208; NLB 85, p. 155; NLB 87, p. 106; NLB 90, p. 139; NLB 91, p. 134; NLB 93, p. 119; NLB 95, p. 89; NLB 97, p. 99; NLB 99, p. 100; NLB 101, p. 97; NLB 102, p. 111; NLB 106, p. 44.


Workshops on Civil Liability for Nuclear Damage: NLB 93, p. 119; NLB 95, p. 89; NLB 97, p. 99; NLB 99, p. 100; NLB 100, p. 113; NLB 101, p. 97; NLB 102, p. 111; NLB 104, p. 33; NLB 106, p. 44.


2021 Preparatory meetings of the Bureau of the Second Meeting of the Contracting Parties and Signatories to the CSC (NLB 107, p. 74).

**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1975 Revision of the IAEA Health and Safety Measures (NLB 16, p. 34). Subsequent revisions (NLB 17, p. 25; NLB 24, p. 29; NLB 28, p. 38).
- 1987 Resolution on Radiological Protection adopted by the General Conference (NLB 40, p. 30).
- 1989 IAEA emergency response system formally in operation (NLB 43, p. 89).

• 1993 Forum for strengthening radiation protection and nuclear safety infrastructures in countries of the former USSR (NLB 52, p. 73).

• 1994 Nuclear Safety Convention (CNS) (NLB 50, p. 76; NLB 53, p. 102).

• 2005 Third Review Meeting of the CNS (NLB 75, p. 138).

• 2006 Resolutions Adopted by the IAEA General Conference (NLB 78, p. 60).

• 2011 Fifth Review meeting of the CNS (NLB 87, p. 104).

• 2011 Ministerial conference on nuclear safety (NLB 87, p. 108).


• 2012 Extraordinary meeting regarding CNS (NLB 90, p. 137).

• 2012 Sixth meeting of representatives of the competent authorities under the Convention on Early Notification of a Nuclear Accident and the Convention on Assistance in the Case of a Nuclear Accident or Radiological Emergency (NLB 90, p. 138).

• 2012 Meeting of Working Group on Effectiveness and Transparency (NLB 91, p. 133)

• 2013 CNS Officers’ Turnover meeting (NLB 91, p. 133).

• 2013 Meeting of the Working Group of Experienced Officers of the CNS and the Joint Convention (NLB 91, p. 133).

• 2013 IAEA Action Plan on Nuclear Safety report by Director General to the IAEA policy making organs (NLB 92, p. 120).

• 2013 Convention on Nuclear Safety third meeting of the Working Group on Effectiveness and Transparency (NLB 92, p. 120).

• 2014 Sixth Review Meeting of the Contracting Parties to the Convention on Nuclear Safety (NLB 93, p. 118).

• 2014 Consultation meeting related to the Swiss proposal to amend Article 18 of the CNS (NLB 94, p. 137).


• 2015 Organizational Meeting to prepare for the Seventh Review Meeting of the contracting parties to the Convention on Nuclear Safety (NLB 96, p. 98).

• 2016 Turnover Meeting of the officers of the Convention on Nuclear Safety Sixth and Seventh Review Meeting (NLB 97, p. 98).

• 2016 Topical meeting on the challenges and responsibilities relating to the multinational radioactive waste disposal facilities (NLB 97, p. 98).
• 2016 Eighth Meeting of the Representatives of the Competent Authorities identified under the Early Notification and the Assistance Conventions (NLB 97, p. 98).


• 2017 Seventh Review Meeting of the contracting parties to the CNS (NLB 99, p. 97).


• 2018 Organizational Meeting for the Eighth Review Meeting of Contracting Parties to the Convention on Nuclear Safety (NLB 102, p. 110).

• 2019 Officers’ Turnover Meeting (NLB 102, p. 110).


• 2020 Meeting of Officers for the Eighth Review Meeting of Contracting Parties to the Convention on Nuclear Safety (CNS) (NLB 104, p. 32).


• 2020 Meeting of the Representatives of Competent Authorities identified under the Early Notification Convention and the Assistance Convention (NLB 105, p. 102).


• 2021 Virtual Educational Workshop on the CNS (NLB 107, p. 73).


• 2021 General Conference Resolution GC(65)/RES/8 (NLB 107, p. 74).

**Nuclear security**

• 2002 Adoption of Action Plan against Nuclear Terrorism (NLB 69, p. 95).

• 2007 Convention for the Suppression of Acts of Nuclear Terrorism (NLB 80, p. 113).


• 2017 Technical Meeting of the Representatives of States Parties to the Convention on the Physical Protection of Nuclear Material (CPPNM) and the CPPNM Amendment (NLB 100, p. 113).

• 2017 International Conference on the Physical Protection of Nuclear Material and Nuclear Facilities (NLB 100, p. 113).

• 2018 Meetings related to the Convention on the Physical Protection of Nuclear Material and its Amendment (NLB 102, p. 110).


• 2019 Meeting of Legal and Technical Experts in Preparation for the 2021 Conference of the Parties to the Amendment to the Convention on the Physical Protection of Nuclear Material (CPPNM) (NLB 103, p. 68).

• 2019 Second Meeting of Legal and Technical Experts in Preparation for the 2021 Conference of the Parties to the Amendment to the Convention on the Physical Protection of Nuclear Material (CPPNM) (NLB 104, p. 32).

• 2019 Technical Meeting of the Representatives of States Parties to the Convention on the Physical Protection of Nuclear Material (CPPNM) and the CPPNM Amendment (NLB 104, p. 33).


• 2021 Preparatory Committee (PrepCom) for the Conference of the Parties to the Amendment to the Convention on the Physical Protection of Nuclear Material (CPPNM) (NLB 106, p. 43).

• 2021 Technical Meeting of the Representatives of States Parties to the CPPNM and the CPPNM Amendment (NLB 106, p. 43).


• 2021 Webinars to promote adherence to and full implementation of the Convention on the Physical Protection of Nuclear Material (CPPNM) and its Amendment (NLB 107, p. 73).

• 2021 IAEA General Conference Side Events on Preparations for the 2022 Conference of the Parties to the Amendment to the CPPNM and on Strengthening Global Nuclear Security (NLB 107, p. 74).

• 2021 General Conference Resolution GC(65)/RES/9 (NLB 107, p. 76).

**Nuclear trade (including non-proliferation)**

• Safeguards Agreements in the context of the Non-Proliferation Treaty (NLB 6, p. 31; NLB 7, p. 31; NLB 8, p. 31; NLB 9, p. 30; NLB 10, p. 24; NLB 11, p. 26; NLB 12, p. 21; NLB 13, p. 28; NLB 14, p. 35; NLB 16, p. 32; NLB 17, p. 25; NLB 19, p. 30;
• Safeguards Transfer Agreements with the IAEA (NLB 2, p. 31; NLB 3, p. 29; NLB 4, p. 21; NLB 5, p. 19; NLB 20, p. 33; NLB 28, p. 44; NLB 30, p. 40). 1982 Status of Agreements (NLB 29, p. 39).


• 1979 Revised Guiding Principles for Technical Assistance (NLB 23, p. 49).

• 1984-1985 Notification to the IAEA of exports and imports of nuclear material (NLB 33, p. 28; NLB 35, p. 50).

• 1987 Resolutions on the Application of Safeguards adopted by the General Conference (NLB 40, p. 30).


• 1992 Strengthening of safeguards regime (NLB 49, p. 67).

• 1993 Board of Governors reviews in application of safeguards in the Democratic People’s Republic of Korea (NLB 51, p. 80). 1993 General Conference Resolution (NLB 52, p. 72).

• 1995 Measures against illicit trafficking in nuclear materials (NLB 55, p. 48).

• 1996 “Programme 93+2”– Strengthening the effectiveness and improving the efficiency of the safeguards system (NLB 58, p. 118).


**Organisation and structure**

• 1969 Amendment of Article VI of the Statute of the Agency (Composition of the Board of Governors) (NLB 3, p. 28). Subsequent amendments (NLB 4, p. 20; NLB 5, p. 18; NLB 6, p. 32; NLB 8, p. 30; NLB 10, p. 23; NLB 11, p. 26; NLB 12, p. 21; NLB 14, p. 34).

• Ad hoc advisory group on nuclear explosions for peaceful purposes (NLB 7, p. 33; NLB 14, p. 36; NLB 16, p. 35; NLB 17, p. 24; NLB 19, p. 31; NLB 20, p. 27).

• IAEA General Conferences: NLB 8, p. 30; NLB 10, p. 23; NLB 12, p. 21; NLB 14, p. 34; NLB 16, p. 32; NLB 19, p. 29; NLB 40, p. 30; NLB 48, p. 57; NLB 54, p. 63; NLB 56, p. 63; NLB 58, p. 122; NLB 60, p. 95; NLB 62, p. 76; NLB 64, p. 63; NLB 66, p. 55; NLB 68, p. 74; NLB 70, p. 59; NLB 72, p. 61; NLB 74, p. 71; NLB 76, p. 95; NLB 78, p. 60; NLB 80, p. 115; NLB 82, p. 194; NLB 84, p. 189; NLB 86, p. 89; NLB 88, 269
p. 102; NLB 92, p. 123; NLB 94, p. 137; NLB 96, p. 98; NLB 98, p. 88; NLB 100, p. 109; NLB 101, p. 98, NLB 103, p. 68; NLB 105, p. 103; NLB 107, p. 74.

- Nuclear Law Institute (NLI): NLB 88, p. 104; NLB 92, p. 121; NLB 94, p. 141; NLB 96, p. 102; NLB 98, p. 91; NLB 100, p. 114; NLB 101, p. 100; NLB 103, p. 71.
- IAEA Treaty Events: NLB 90, p. 138; NLB 92, p. 121; NLB 94, p. 140; NLB 96, p. 102; NLB 98, p. 91; NLB 100, p. 111; NLB 101, p. 100; NLB 103, p. 70; NLB 105, p. 105; NLB 107, p. 76.
- 2017 Sub-regional Workshops on Nuclear Law (NLB 99, p. 100).
- 2017 60th anniversary of the entry into force of the IAEA Statute (NLB 100, p. 109).
- Legislative assistance: NLB 91, p. 134; NLB 92, p. 121; NLB 93, p. 119; NLB 94, p. 141; NLB 95, p. 90; NLB 96, p. 102; NLB 98, p. 91; NLB 99, p. 100; NLB 100, p. 114; NLB 102, p. 112; NLB 103, p. 71; NLB 104, p. 33; NLB 105, p. 105; NLB 106, p. 44; NLB 107, p. 76.

**Radioactive materials (including physical protection)**

- 2016 Amendment to the Convention on the Physical Protection of Nuclear Material (NLB 97, p. 99).
- 2016 Second Technical Meeting of the representatives of states parties to the CFPNM and the CFPNM Amendment (NLB 99, p. 99).

• 2018 Guidance on the Management of Disused Radioactive Sources (NLB 101, p. 96).


**Radioactive waste management**


• 2013 First Inter-Sessional Meeting of the contracting parties to the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management (Joint Convention) (NLB 91, p. 133).


• 2017 Third Extraordinary Meeting of the contracting parties to the Joint Convention (NLB 99, p. 98).

• 2017 Organisational Meeting for the Sixth Review Meeting of the contracting parties to the Joint Convention (NLB 99, p. 98).

• 2017 Side event to mark the 20th anniversary of the adoption of the Joint Convention (NLB 100, p. 111).


**Transport of radioactive materials**

• 1961 Regulations for the Safe Transport of Radioactive Materials. Successive Revisions (NLB 5, p. 19; NLB 9, p. 30; NLB 10, p. 24; NLB 34, p. 38; NLB 58, p. 120).


**Agreements**

• 1959 Agreement for Co-operation with the United States. 1974 and 1980 Amendments (NLB 24, p. 31; NLB 26, p. 34).


• 1975 Co-operation Agreement with the Council for Mutual Economic Assistance (NLB 16, p. 33).

• 1975 Co-operation Agreement with Euratom on the Peaceful Uses of Nuclear Energy (NLB 16, p. 33; NLB 17, p. 29).


• 1976-1977 Entry into force of the Euratom-IAEA Agreement and of the Commission’s implementing regulations in (NLB 19, p. 27).

• 1980 Agreement establishing the Asian Regional Project on Food Irradiation (NLB 26, p. 37).

• 1982 Agreement with Austria concerning the Laboratories at Seibersdorf (NLB 29, p. 37).

• 1983 Amendment to the Agreement with Italy concerning the Seat of the International Centre for Theoretical Physics in Trieste (NLB 37, p. 45).

• 1990 Regional Co-operation Agreement with African Member States related to Nuclear Science and Technology (NLB 45, p. 86).
• 1990 Agreement with the USSR on International Research on the Consequences of the Accident at the Chernobyl Nuclear Power Plant (NLB 46, p. 88).

• 1990 information note on the economic and social consequences of the accident at the Chernobyl nuclear power plant (NLB 46, p. 92).

• 2008 Agreement for co-operation with ITER for research and development/exchange of scientific and technical information (NLB 82, p. 201).

• 2008 Agreement between the Government of India and the International Atomic Energy Agency for the Application of Safeguards to Civilian Nuclear Facilities (NLB 82, p. 57).

• 2010 Practical arrangement between the IAEA and the European Commission’s Joint Research Centre on co-operation in assistance, planning, research and development (NLB 85, p. 151).

• 2010 Agreement with the Russian Federation to establish an international nuclear fuel bank (NLB 85, p. 152).

• 2010 Agreement with the European Union to implement “integrated safeguards” in all EU non-nuclear-weapon states with “significant” nuclear activities (NLB 85, p. 152).

• 2010 Agreement with China on practical co-operation on nuclear security (NLB 86, p. 94).

**International Commission on Radiological Protection (ICRP)**

**Legislative and regulatory activities**

_Nuclear safety and radiological protection (including nuclear emergency planning)_

• 1990 Recommendation on Radiological Protection (NLB 47, p. 66).

• 2006 Revision of ICRP Recommendations (NLB 77, p.65).

**International Energy Agency (IEA)**

**Agreements**

• 1976 R & D Agreements in the Nuclear Field (NLB 18, p. 46).

• 1986 Implementing Agreement on Co-operation among the Three Large Tokamak Facilities (JET, JL60 and TFTR) (NLB 38, p. 60).
International Labour Organization (ILO)

Legislative and regulatory activities

**Nuclear safety and radiological protection (including nuclear emergency planning)**


International Maritime Organization

Legislative and regulatory activities

**Transport of radioactive materials**


International Tribunal for the Law of the Sea

Case law

- 2001 *Ireland v. United Kingdom*: Judgment concerning Ireland application to prevent operation of BNFL’s MOX facility at Sellafield (NLB 69, p. 60).

Nuclear Energy Agency (NEA)

Legislative and regulatory activities

**General legislation, regulations and instruments**

- 2014 China Atomic Energy Authority co-operation workshop (NLB 93, p. 121).

**Liability and compensation**

- Interpretation and application of certain provisions of the Paris Convention (NLB 1, p. 30; NLB 2, p. 34; NLB 3, p. 31; NLB 7, p. 33).

• 1972 Stockholm Symposium on the Maritime Carriage of Nuclear Substances (NLB 6, p. 34; NLB 8, p. 33; NLB 9, p. 31; NLB 10, p. 25).

• 1977 Decisions of the OECD Steering Committee for Nuclear Energy on the Exclusion of Certain Kinds or Quantities of Nuclear Substances from the Scope of the Paris Convention (NLB 21, p. 41).

• 1984 OECD Steering Committee Decision on the Application of the Paris Convention to Installations for the Disposal of Nuclear Substances (NLB 33, p. 25).

• 1984 Munich Symposium on Nuclear Third Party Liability and Insurance – Status and Prospects (NLB 33, p. 27; NLB 34, p. 34).

• 1990 OECD Steering Committee Decision allowing countries the option of removing nuclear installations being decommissioned from the coverage of the Paris Convention (NLB 45, p. 74).

• 1990 Recommendation to increase the amount of liability of nuclear operators (NLB 45, 75).

• 1990 Recommendation on a Single Court to Rule on Compensation for Nuclear Damage (NLB 46, p. 77).

• 1992 Helsinki Symposium on Nuclear Accidents – Liabilities and Guarantees (NLB 50, p. 74).

• 1994 Meeting on liability issues raised by assistance to Eastern Europe (NLB 54, p. 61).


• 1995 Liblice Training Seminar on the Regulation of Nuclear Safety (NLB 56, p. 93).

• 1997 Seminar on Nuclear Liability and Insurance Issues in Russia (NLB 59, p. 63).


• 2004 Signature of the Protocols to amend the Paris and Brussels Conventions (NLB 73, p. 108). The Unofficial Consolidated Texts of the Paris and Brussels Supplementary Conventions as amended are reproduced in the Supplement to NLB 75.


• 2012 NEA free report on Japan’s compensation system for nuclear damage (NLB 89, p. 145).

• 2014 Steering Committee approves Decision and Recommendation Concerning the Application of the Paris Convention to Nuclear Installations in the Process

- 2014 OECD Council approves judges to the European Nuclear Energy Tribunal (NLB 94, p. 141).
- 2015 European Nuclear Energy Tribunal (ENET) Inaugural Session for the 9th mandate (NLB 96, p. 103).
- 2016 Steering Committee decisions regarding the Paris Convention on Third Party Liability in the Field of Nuclear Energy (NLB 99, p. 101).
- 2020 10th mandate of the European Nuclear Energy Tribunal (ENET) (NLB 104, p. 34).
- 2022 Entry into force of the 2004 Protocols to amend the Paris and Brussels Supplementary Conventions (NLB 107, p. 77).

**Licensing and regulatory infrastructure**


**Nuclear installations**


**Nuclear safety and radiological protection (including nuclear emergency planning)**

- 1973 Radiation Protection Standards for Gaseous Tritium Light Devices, approved by OECD Council (NLB 12, p. 20).
- 1974 Interim Radiation Protection Standards for the Design, Construction, Testing and Control of Radioisotopic Cardiac Pacemakers, approved by the Steering Committee (NLB 13, p. 27).
- 1977 Recommendations for Ionisation Chamber Smoke Detectors in implementation of Radiation Protection Standards (NLB 21, p. 45).


• 1986 Report from the Steering Committee for Nuclear Energy to the Council on the Role of the NEA after the Chernobyl Accident (NLB 37, p.36; NLB 38, p.44).


• 1990 International severity scale for nuclear accidents and incidents (INES) (NLB 45, p.75). Member States invited to adopt scale in 1992 (NLB 49, p.66).


• 1996 Collective opinion on the safety of nuclear installations (NLB 59, p.63).

• 2011 NEA Steering Committee approves the new “Radiation Protection and Safety of Radiation Sources: International Basic Safety Standards” (NLB 88, p.105).

• 2012 NEA International Workshop on Crisis Communication (NLB 90, p.141).

• 2013 Progress review of Benchmark Study of the Accident at the Fukushima Daiichi Nuclear Power Station (NLB 92, p.127).


• 2013 NEA workshop on nuclear regulatory approaches (NLB 92, p.128).

• 2013 International experts in Japan to review safety after Fukushima Daiichi (NLB 93, p.120).

• 2015 Technology Roadmap: Nuclear Energy (NLB 95, p.90).

• 2015 Steering Committee Policy Debate: Health Effects of Low-dose Radiation (NLB 95, p.91).

• 2016 New report – Five Years after the Fukushima Daiichi Accident: Nuclear Safety Improvements and Lessons Learnt (NLB 97, p.100).

• NEA International Radiological Protection School (IRPS): NLB 101, p.102; NLB 102, p.116; NLB 103, p.74.

• 2020 The role of nuclear energy during COVID-19 and beyond (NLB 105, p.106).

**Nuclear-powered ships**

• Model for bilateral agreements for visits of nuclear ships (NLB 7, p.33; NLB 8, p.12; NLB 9, p.32; NLB 10, p.26).
**Organisation and structure**

- Meetings of the Nuclear Law Committee (NLC): NLB 97, p. 101; NLB 98, p. 93; NLB 99, p. 102; NLB 100, p. 115; NLB 101, p. 100; NLB 103, p. 72; NLB 106, p. 45.
- Meetings of the Contracting Parties to the Paris Convention (CPPC): NLB 61, p. 93; NLB 103, p. 73; NLB 104, p. 34.
- International School of Nuclear Law (ISNL): NLB 82, p. 233; NLB 84, p. 210; NLB 85, p. 153; NLB 88, p. 105; NLB 90, p. 142; NLB 96, p. 103; NLB 98, p. 94; NLB 100, p. 116; NLB 101, p. 101; NLB 103, p. 73; NLB 104, p. 35; NLB 105, p. 106; NLB 107, p. 77.
- International Nuclear Law Essentials (INLE): NLB 86, p. 110; NLB 87, p. 110; NLB 88, p. 105; NLB 90, p. 142; NLB 96, p. 104; NLB 97, p. 101; NLB 98, p. 94; NLB 99, p. 103; NLB 100, p. 116; NLB 102, p. 113; NLB 103, p. 75; NLB 104, p. 35.
- 1972 Japan joins ENEA (NLB 10, p. 25).
- 1973 Australia joins the NEA (NLB 12, p. 19).
- 1975 Canada joins the NEA (NLB 16, p. 31).
- 1976 Finland joins the NEA (NLB 17, p. 22).
- 1976 The United States joins NEA (NLB 18, p. 41).
- 1978 Revision of the Agency’s Statute (NLB 21, p. 40).
- 1993 The Republic of Korea joins the NEA (NLB 51, p. 79).
- 1994 Mexico joins the NEA (NLB 53, p. 100).
- 1996 The Czech Republic and Hungary join the NEA (NLB 58, p. 117).
- 1998 40th Anniversary of the NEA (NLB 62, p. 75).
- 2007 50th Anniversary of the Nuclear Law Committee (NLB 79, p. 79).
- 2010 Poland joins the NEA (NLB 86, p. 111).
- 2011 G8-G20 extended meeting on nuclear energy (NLB 87, p. 109).
• 2011 Slovenia joins the NEA (NLB 87, p. 111; NLB 88, p. 105).
• 2011 Russian Federation requests NEA membership (NLB 88, p. 105).
• 2012 Russian Federation to become member of the OECD/NEA (NLB 90, p. 139).
• 2012 Participation by the regulatory authorities of India and the United Arab Emirates in the Multinational Design Evaluation Programme (MDEP) (NLB 90, p. 140).
• 2013 Russian Federation joins the OECD/NEA (NLB 91, p. 135).
• 2014 Appointment of new Director-General (NLB 93, p. 120).
• 2015 NEA to become the Technical Secretariat to the International Framework for Nuclear Energy Cooperation (IFNEC) (NLB 96, p. 103).
• 2016 New member of the Generation IV International Forum (NLB 98, p. 92).
• 2016 New signatories to the extension of the GIF Framework Agreement (NLB 98, p. 92).
• 2016 10th national workshop of the NEA Forum on Stakeholder Confidence (FSC) (NLB 98, p. 93).
• 2017 Argentina and Romania to become members of the NEA (NLB 99, p. 101).
• 2017 60th anniversary of the NEA (NLB 100, p. 114).
• 2018 Establishment of a new NEA committee to focus on decommissioning and legacy management (NLB 100, p. 114).
• 2021 Bulgaria joins the NEA (NLB 106, p. 44).
• 2021 Fundamentals of International Nuclear Law (FINL) (NLB 107, p. 81).

Radioactive materials (including physical protection)

• 2015 Joint Declaration on the Security of Supply of Medical Radioisotopes (NLB 96, p. 103).
Radioactive waste management

- 1980 Recommendations following a review of the suitability of the site for sea dumping of radioactive waste (NLB 25, p. 32).
- 1995 Collective expert opinion on the environmental and ethical basis of geological disposal of radioactive waste (NLB 55, p. 47).
- 2013 14th Regular Meeting of the Forum on Stakeholder Confidence (FSC) (NLB 92, p. 128).

Agreements


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• 1988 Agreement on the OECD Project to Investigate the Three Mile Island-2 Reactor Pressure Vessel (NLB 43, p. 89).


• 2013 Joint Declaration on Co-operation in the Field of Peaceful Uses of Nuclear Energy signed with the China Atomic Energy Authority (CAEA) (NLB 92, p. 126).

• 2015 GIF Framework Agreement extended for ten years (NLB 95, p. 90).


• 2016 New member of the Generation IV International Forum (NLB 98, p. 92).

• 2016 New signatories to the extension of the GIF Framework Agreement (NLB 98, p. 92).

• 2017 Memorandum of Understanding with the National Energy Administration of China (C/NEA) in the Field of Peaceful Uses of Nuclear Energy (NLB 95, p. 102).

• 2017 New MOUs in nuclear safety and research (NLB 100, p. 114).


Nuclear Suppliers Group (NSG)

Legislative and regulatory activities

Nuclear trade (including non-proliferation)


• 1992 Statement on Full Scope Safeguards (NLB 50, p. 77).
Pan-American Health Organization

Legislative and regulatory activities

*Nuclear safety and radiological protection (including nuclear emergency planning)*


Permanent Court of Arbitration

Case law


Preparatory Commission for the Comprehensive Nuclear-Test-Ban Treaty Organization (CTBTO)

Legislative and regulatory activities

*Nuclear safety and radiological protection (including nuclear emergency planning)*

- 2011 Civil and scientific applications of the IMS data (NLB 89, p. 146).

Agreements


- 2012 Guatemala and Indonesia deposited their instruments (CTBT) (NLB 89, p. 145).

- 2012 Niue signs CTBT (NLB 89, p. 145).
United Nations

Legislative and regulatory activities

Environmental protection
• 2005 Entry into Force of the Kyoto Protocol (NLB 75, p. 137).

Nuclear safety and radiological protection (including nuclear emergency planning)
• 1992 General Assembly Resolution and Principles relevant to the Use of Nuclear Power Sources in Outer Space (NLB 52, p. 75). The texts of the Resolution and Principles are reproduced in NLB 52, p. 84.

Nuclear security

Nuclear trade (including non-proliferation)

Case law

World Health Organization (WHO)

Legislative and regulatory activities

Food irradiation
• 1992 Harmonising Food Irradiation Regulations in Asia and the Pacific Region—WHO/IAEA/FAO (NLB 49, p. 69).

Nuclear safety and radiological protection (including nuclear emergency planning)
• 1987 Meeting of the WHO Working Group on European harmonisation of public health actions in relation to nuclear accidents (NLB 41, p. 41).
• 1988 Resolution of the Executive Board of WHO (NLB 41, p. 41).
• 1990 Memorandum of Understanding with the USSR on an International Programme on the Health Effects of the Chernobyl Accident (NLB 46, p. 89).
• 1991 Resolution on the International Programme to Mitigate the Health Effects of the Chernobyl Accident (NLB 47, p. 65).

MULTILATERAL AGREEMENTS

Status of Treaties and Conventions


• 1974 Nordic Environmental Protection Convention (NLB 13, p. 34).


• 1978 Establishment of the Uranium Institute (NLB 21, p. 52).

• 1978 Model Bilateral Agreement regarding liability insurance for the carriage of nuclear substances (European Insurance Committee) (NLB 22, p. 42).


• 1984 Memorandum of Understanding for Co-operation in the Field of Liquid Metal Fast Reactors between Belgium, France, the Federal Republic of Germany, Italy and the United Kingdom (NLB 33, p. 37).


- 1986 Agreement establishing the Asian Regional Co-operative Project on Medical and Biological Applications of Nuclear Techniques (NLB 39, p. 42).

- 1986 Conventions on Early Notification of a Nuclear Accident and on Assistance in Case of a Nuclear Accident or Radiological Emergency (NLB 38, p. 57). The texts of the Conventions are reproduced in the Supplement to NLB 38.


- 1989 Status of International Co-operation on Thermonuclear Fusion Research (NLB 44, p. 65).


- 1990 Convention for the Protection of Natural Resources and the Environment of the South Pacific Region (NLB 47, p. 76).


- 1991 European Joint Declaration on Co-operation in the Peaceful Use of Nuclear Energy (Belgium, France, Germany, United Kingdom) (NLB 47, p. 75). The text of the Declaration is reproduced in NLB 47, p. 83.


- 1991 Memorandum of Understanding between Europe and Japan on Co-operation in Fast Breeder Reactor R & D (NLB 49, p. 76).

- 1991 Declaration of the Commonwealth of Independent States (CIS) on Nuclear Arms (NLB 49, p. 76). The text of the Declaration is reproduced in NLB 49, p. 102
• 1992 Agreement on an International Thermonuclear Experimental Reactor (ITER) (NLB 50, p. 82).


• 1992 Agreement between Germany, the Netherlands, the United Kingdom and the United States on a Uranium Enrichment Installation (NLB 55, p. 60).

• 1993 Convention on Civil Liability for Damage resulting from Activities Dangerous to the Environment ("Lugano Convention") (NLB 52, p. 82).


• 1994 Regional Agreement to Facilitate the Transport of Dangerous Goods between Argentina, Brazil, Paraguay and Uruguay (NLB 57, p. 94).


• 1995 Memorandum of Understanding on the Closure of Chernobyl Nuclear Power Plant (NLB 57, p. 94).

• 1995 Treaty on the Southeast Asia Nuclear Weapon-Free Zone (NLB 57, p. 95).


• 1995 Convention to Ban the Importation into Forum Island Countries of Hazardous and Radioactive Wastes to Control the Transboundary Movement and Management of Hazardous Wastes within the South Pacific Region ("The Waigani Convention") (NLB 57, p. 97).


• 1996 Comprehensive Nuclear Test Ban Treaty (CTBT) (NLB 58, p. 133). The text of the Treaty is reproduced in NLB 58, p. 139.
• 1997 Convention on Supplementary Compensation for Nuclear Damage (NLB 60, p. 107).


• 1997 Agreement on Co-operation in Transportation of Nuclear Materials between Bulgaria, Moldova, the Russian Federation and Ukraine (NLB 61, p. 103).

• 1998 Agreement on Co-operation in Transportation of Nuclear Materials between the Czech Republic, the Russian Federation, the Slovak Republic and Ukraine (NLB 61, p. 103; NLB 63, p. 89).


• 2001 Agreement for Information Exchange on Radiological Surveillance in Northern Europe (NLB 68, p. 85).

• 2003 Protocol on Strategic Environmental Assessment to the Espoo Convention (Kiev Protocol).

• 2003 Framework Agreement on a Multilateral Nuclear Environmental Programme in the Russian Federation and Protocol (NLB 71, p. 103).


• 2005 Entry into Force of the Kyoto Protocol (NLB 75, p. 137).


• 2006 Agreement on the International Thermonuclear Experimental Reactor (ITER) (NLB 77, p. 67).
STUDIES AND ARTICLES
STUDIES

- The Field of Application of the Nuclear Conventions, by NEA Secretariat (NLB 5, p. 22).
- International Conventions relating to Radioactive Marine Pollution, by NEA Secretariat (NLB 13, p. 39).
- International Co-operation in the Field of Radioactive Transfrontier Pollution, by NEA Secretariat (NLB 14, p. 55).
- Compensation for Nuclear Damage in OECD Member Countries, by NEA Secretariat (NLB 20, p. 50).
- The Regulation of Food Irradiation, by D. Neff (NLB 35, p. 85).
- The Accident at Chernobyl – Economic Damage and its Compensation in Western Europe, by NEA Secretariat (NLB 39, p. 58).
- Development and Harmonisation of Intervention Levels in Case of a Nuclear Accident, by NEA Secretariat (NLB 45, p. 10).
- Three Negotiations Concerning Nuclear Law, by NEA Secretariat (NLB 53, p. 30).
- Problems Raised by the Application of the Nuclear Third Party Liability Conventions to Radioactive Waste Repositories, by NEA Secretariat (NLB 55, p. 17).
- Compensation Regimes Applicable to Radiation Workers in OECD Countries, by NEA Secretariat (NLB 66, p. 7).
- The 2002 Amendment to the German Atomic Energy Act Concerning the Phase-out of Nuclear Power, by A. Vorwerk (NLB 69, p. 7).
• The US National System for Disposal of High-Level and Transuranic Radioactive Wastes: Legislative History and its Effect on Regulatory Approaches, by B. Forinash (NLB 69, p. 29).

• La participation de l'industrie nucléaire à l'élaboration de la norme internationale – Approche du phénomène en droit de la radioprotection, by O. Lajoinie (NLB 69, p. 42).

• Nuclear Law in Morocco: National and International Aspects, by M. Nabil (NLB 73, p. 51).

• Transposition into Swiss Law of the Paris Convention and the Brussels Supplementary Convention, as amended, by R. Tami and S. Daïna (NLB 74, p. 27).

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• Insurance Coverage for Third Party Liability and Material Damage Arising From Nuclear Damage Caused by Terrorist Acts, by NEA Secretariat (NLB 78, p. 19).

• The International System of Radiological Protection: Key Structures and Current Challenges, by E. Lazo (NLB 80, p. 49).

• Changes in the Legal Status of the Commissariat à l’énergie atomique, by L. Grammatico (NLB 83, p. 77).

• The Peaceful Nuclear Energy Program in the United Arab Emirates: Background and history, by A. Al Shamsi (NLB 100, p. 73).

• Euratom Competence in the Areas of Nuclear Security and Nuclear Safety: An Impossible Parallel?, by A. Popov (NLB 101, p. 63)

• New Framework for Radiation Protection Legislation in Germany, by G.-S. Akbarian (NLB 102, p. 71).

• Technology-neutral licensing of advanced reactors: Evaluating the past and present NRC framework, by M. Segarnick and S. Desai (NLB 103, p. 37).

• Slovak legal system for ensuring feasible nuclear back-end system implementation, by M. Macášek, V. Slugeň and M. Šnírér (NLB 105, p. 79).

• Recognition and enforcement of foreign judgments on civil liability for nuclear damage, by U. Magnus (NLB 106, p. 7).

• Slovak legal system for ensuring feasible nuclear back-end system implementation – Part 2: Outlook for future development, by M. Macášek, V. Slugeň and M. Šnírér (NLB 107, p. 33).
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- International Court of Justice on Potential Transboundary Damage and its Consequences in Nuclear Law, by M. Cletienne (NLB 86, p. 59).
- Nuclear law and environmental law in the licensing of nuclear installations, by C. Raetzke (NLB 92, p. 55).
- The application of the Espoo Convention on Environmental Impact Assessment in a Transboundary Context to nuclear energy-related activities (NLB 97, p. 63).

Food irradiation

- Technical and Legal Aspects relating to the Labelling of Irradiated Food-Stuffs, by L. G. Ledomery and F. Nocera (NLB 26, p. 45).

General legislation, regulations and instruments

- In the United States: Atomic Energy on Trial, by E. Abel (NLB 13, p. 56).
- French Case Law and the Use of Nuclear Energy, by J. Hebert (NLB 25, p. 57).
- After the Referendum (Sweden), by S. G. Sandstrom (NLB 26, p. 53).
- The Nature and Scope of International Co-operation in Connection with the Peaceful Uses of Nuclear Energy, and its Limits – an Assessment, by N. Pelzer (NLB 27, p. 34).
- Decentralisation and Nuclear Activities, by B. Derché (NLB 31, p. 32).
- The Referendums on Nuclear Energy in Italy, by C. Sartorelli (NLB 40, p. 99).
• The Legal Regime of Nuclear Power Satellites, A Crossroads Between Nuclear Law and Space Law, by S. Courteix (NLB 49, p. 24).

• Moroccan National Nuclear Regulation Project, by R. El Hassi Ahmed (NLB 50, p. 36).

• Reflection on the Development of Nuclear Law, by K. Boustany (NLB 51, p. 7).

• Consent Rights in New Arrangement for Co-operation in the Peaceful Uses of Nuclear Energy Between the United States and Euratom, by R. Lennartz (NLB 57, p. 53).

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• International nuclear law in the 25 years between Chernobyl and Fukushima and beyond, by S. Kus (NLB 87, p. 7).


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• Nuclear energy and Indian society: Public engagement, risk assessment and legal frameworks (NLB 93, p. 63).
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• Brexit, Euratom and nuclear proliferation, by Anna Södersten (NLB 98, p. 47).
• Reflections on the Development of International Nuclear Law, by V. Lamm (NLB 99, p. 31).
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• The Simultaneous Application of the Paris and Vienna Conventions in the Danish Draft Act, by Judge Spleth (NLB 6, p. 58).
• On Modernising the Paris Convention, by Professor N. Pelzer (NLB 12, p. 46).
• Nuclear Indemnity Legislation in the United States, by H. K. Shapar (NLB 15, p. 50).
• Standard Rules for Liability and Cover for Nuclear Installations, by J. K. Pfaffelhuber and B. Kuckuck (NLB 25, p. 70).
• Reform of Liability in Nuclear Law, by W. Breining (NLB 25, p. 76).
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• Towards a New Regime of State Responsibility for Nuclear Activities, by L. De La Fayette (NLB 50, p. 7).

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- Regulation of Major Risks in Nuclear Installations in France, by L. Phan Van (NLB 48, p. 9).
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• Framework for Radiation Emergency Response in the USA, by H. K. Shapar (NLB 24, p. 55).

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• The IAEA Conventions on Early Notification of a Nuclear Accident and on Assistance in the Case of a Nuclear Accident or Radiological Emergency, by B. Moser (NLB 44, p. 10).

• Optimising Radiation Protection – the Ethical and Legal Bases, by J. Lochard and M.-C. Grenery-Boehler (NLB 52, p. 9).

• Achievements in Assessing Safety Culture, by A. Carnino (NLB 52, p. 28).

• Health Protection against Ionising Radiation and the Court of Justice of the European Communities, by R. Lennartz (NLB 53, p. 9).

• The Convention on Nuclear Safety, by O. Jankowitsch (NLB 54, p. 9).


• The Development of Nuclear Law-Making or the Art of Legal “Evasion”, by K. Boustany (NLB 61, p. 39).

• The Public Right of Access to Information on Nuclear Energy under the Spanish Legal System, by M. Baena Del Alcázar (NLB 71, p. 7).

• The IAEA Nuclear Safety Conventions: An example of Successful “Treaty Management”, by G. Handl (NLB 72, p. 7).

• The “Incentive” Concept as Developed in the Nuclear Safety Conventions and its Possible Extension to Other Sectors, by T. De Wright (NLB 80, p. 29).


• The Momentum of the European Directive on Nuclear Safety – From the Complexity of Nuclear Safety to Key Messages Addressed to European Citizens, by Y. Fouleur and F. Krs (NLB 85, p. 5)

• The post-Fukushima Daiichi response: The role of the Convention on Nuclear Safety in strengthening the legal framework for nuclear safety, by P.L. Johnson (NLB 91, p. 7).

• Adequate protection after the Fukushima Daiichi accident: A constant in a world of change, by Commissioner W. C. Ostendorff and K. Sexton (NLB 91, p. 23).

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• Towards a new international framework for nuclear safety: Developments from Fukushima to Vienna, by E. Durand-Poudret (NLB 95, p. 27).

• Treaty implementation applied to conventions on nuclear safety, by M. Montjoie (NLB 96, p. 9).

• Crisis, criticism, change: Regulatory reform in the wake of nuclear accidents, by K. Sexton (NLB 96, p. 35).

• Inside nuclear baseball: Reflections on the development of the safety conventions, by C. Stoiber (NLB 100, p. 61).

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Nuclear security

• Protection of Civilian Nuclear Installations in Time of Armed Conflict, by V. Lamm (NLB 72, p. 29).

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• The Universal Legal Framework Against Nuclear Terrorism, by W. Gehr (NLB 79, p. 5).

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• Strengthening the international legal framework for nuclear security: Better sooner rather than later, by Anthony C. Wetherall (NLB 98, p. 7).
Nuclear trade (including non-proliferation)

- International Safeguards on the Peaceful Uses of Nuclear Material, by R. Rometsch (NLB 13, p. 66).
- International Safeguards, by B. Sanders and H. Vinh Phuong (NLB 18, p. 54).
- The Regulation of Nuclear Trade in the United States, by J. Becker (NLB 51, p. 26).
- The Nuclear Non-Proliferation Treaty: A Permanent Commitment to Disarmament and Non-Proliferation, by L. Rockwood (NLB 56, p. 9).
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- Strengthening the Effectiveness and Improving the Efficiency of the IAEA Safeguards System, by L. Rockwood (NLB 60, p. 41).
- A Short History of Nuclear Non-Proliferation, by B. Sanders (NLB 62, p. 7).
- How current are Euratom provisions on nuclear supply and ownership in view of the European Union’s enlargement?, by A. Bouquet (NLB 68, p. 7).
- Critical Reflections on the Treaty on the Non-Proliferation of Nuclear Weapons, by Q. Michel (NLB 80, p. 21).
- The EU and Non-Proliferation: Need for a Quantum Leap?, by R. Kobia (NLB 81, p. 31).
• U.S.-India Nuclear Cooperation and Non-Proliferation, by Y.T. Mannuly (NLB 82, p. 9).

• National Implementation and Enforcement of Nuclear-Weapon-Free Zone Treaties, by L. Tabassi (NLB 83, p. 29).

• Between Shadow and Light: The treaty on the Non-Proliferation of Nuclear Weapons Forty Years On, by A. Biad (NLB 86, p. 5).

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• The MCP Altona incident: the Canadian regulatory response and framework for the export of uranium, by J. Lavoie (NLB 90, p. 23).

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• In search of the elusive conflict: The (in-)compatibility of the Treaties on the Non-Proliferation and Prohibition of Nuclear Weapons, by M.J. Moffatt (NLB 102, p. 7).

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• Admittance of Non-Military Nuclear Propulsion Ships in Territorial Waters and Foreign Ports, by Professor Albano (NLB 9, p. 52).


**Organisation and structure**

• Considerations on the Attributions of CNEN Inspectors, by F. Nocera and F. Carbone (NLB 9, p. 58).

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• Regulatory and institutional framework in Japan against the background of Fukushima, by the OECD/NEA (NLB 87, p. 27).
Radioactive materials (including physical protection)

- Legal Aspects of the Use of Sources of Ionising Radiation, by Professor De Los Santos Lasurtegui (NLB 7, p. 50).
- French Regulations Governing the Use of Radioisotopes, by M. Mayoux (NLB 8, p. 52).
- Some Legal Problems in Connection with the Use of Plutonium-Powered Cardiac Pacemakers, by J.C. Cornelis (NLB 11, p. 65).
- The Physical Protection of Nuclear Material, by H. Vinh Phuong (NLB 35, p. 113).
- The International Regime on the Physical Protection of Nuclear Material and the Amendment to the Convention on the Physical Protection of Nuclear Material, by L. Vez Carrona (NLB 76, p. 29).
- Facilitating the entry into force and implementation of the Amendment to the Convention on the Physical Protection of Nuclear Material: Observations, challenges and benefits, by P.L. Johnson (NLB 94, p. 9).

Radioactive waste management

- Licensing and Regulation of Nuclear Waste, by H.K. Shapat (NLB 23, p. 78).
- International Regulations on Radioactive and Toxic Waste: Similarities and Differences, by E. Moise (NLB 47, p. 10).
• Some reflections about law and ethics, by L. Westerhäll (NLB 49, p. 39).
• Regulation of Radioactive Waste Management and the Growth of Europe, by P. Bowden (NLB 56, p. 19).
• United States Nuclear Waste Policy Act, by S. Angelini (NLB 60, p. 23).
• Disposal of Radioactive Waste: The Question of the Involvement of the Public under International Law, by P. Strohl (NLB 64, p. 29).
• The Decommissioning of Asse II – Burden of the Past in the Federal Republic of Germany, by H. Näser (NLB 83, p. 59).
• Italian decommissioning in the post-referendum era, by V. Ferrazzano and S. Scarabotti (NLB 89, p. 35).
• From Waste Confidence to Continued Storage: Legal theories supporting the US NRC’s licensing of nuclear facilities without a repository, by A.F. Averbach (NLB 102, p. 57).

Transport of radioactive materials

• The Safety Regime Concerning Transboundary Movement of Radioactive Waste and its Compatibility with the Trade Regime of the WTO, by L. Strack (NLB 73, p. 25).
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TEXTS REPRODUCED IN THE
NUCLEAR LAW BULLETIN
CLASSIFICATION BY COUNTRY

Albania

Legislative and regulatory activities

* Nuclear safety and radiological protection (including nuclear emergency planning)*
  * 1995 Law on Ionising Radiation Protection (NLB 60, p. 115).

Argentina

Agreements


Armenia

Legislative and regulatory activities

* General legislation, regulations and instruments*
  * 1999 Law for the Safe Utilisation of Atomic Energy for Peaceful Purposes (Supplement to NLB 65).
Australia

Legislative and regulatory activities

Organisation and structure
• 1987 Australian Nuclear Science and Technology Organisation Act (NLB 40, p. 54).

Radioactive waste management
• 2012 National Radioactive Waste Management Act No. 29, 2012 (NLB 89, p. 147).

Agreements
• 1978 Agreement with Finland concerning the Transfer of Nuclear Material (NLB 22, p. 45).

Austria

Legislative and regulatory activities

General legislation, regulations and instruments
• 1999 Federal Constitutional Act for a Nuclear-Free Austria (NLB 64, p. 48).

Liability and compensation
• 1999 Atomic Liability Act (Supplement to NLB 63).

Nuclear safety and radiological protection (including nuclear emergency planning)
• 1969 Federal Bill regarding Measures for Protecting Life and Health of Persons and their Descendants against Injury by Ionising Radiations (Supplement to NLB 3).

Belarus

Legislative and regulatory activities

General legislation, regulations and instruments
• 2008 Act on the Use of Atomic Energy (NLB 82, p. 135).
**Nuclear safety and radiological protection (including nuclear emergency planning)**


**Organisation and structure**

- 2007 Decree on steps to be taken for the construction of a nuclear power plant (NLB 82, p. 159).

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**Belgium**

**Legislative and regulatory activities**

**General legislation, regulations and instruments**


**Liability and compensation**

- 1981 Bill on Nuclear Third Party Liability (Supplement to NLB 28).
- 1985 Act on Third Party Liability in the Field of Nuclear Energy (Supplement to NLB 37). 2000 Amending Act (NLB 66, p. 75).

**Nuclear safety and radiological protection (including nuclear emergency planning)**


**Agreements**

- 1984 Agreement with Egypt for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 37, p. 52).
Brazil

Legislative and regulatory activities

Liability and compensation

- 1977 Act on Civil Liability for Nuclear Damage and Criminal Responsibility for Acts relating to Nuclear Activities (Supplement to NLB 21).

Agreements

- 1975 Agreement with the Federal Republic of Germany on Co-operation in the Field of Peaceful Uses of Nuclear Energy (NLB 16, p. 43).

Bulgaria

Legislative and regulatory activities

General legislation, regulations and instruments

- 1985 Act on the Use of Atomic Energy for Peaceful Purposes, as revised in 1995 (Supplement to NLB 58).
- 2002 Act on the Safe Use of Nuclear Energy (Supplement to NLB 71).

Canada

Legislative and regulatory activities

Environmental Protection

- 2012 Canadian Environmental Assessment Act (NLB 90, p. 167).

General legislation, regulations and instruments

- 1974 Atomic Energy Regulations (Supplement to NLB 14).

Liability and compensation

- 1970 Act on Civil Liability for Nuclear Damage (Supplement to NLB 6).
• 2015 Nuclear Liability and Compensation Act (NLB 95, p. 95).

Nuclear security
• 1983 Physical Security Regulations (Supplement to NLB 31).

Organisation and structure
• 1977 Nuclear Control and Administration Bill (Supplement to NLB 21).
• 1997 Nuclear Safety and Control Act (Supplement to NLB 60).

Agreements
• 1987 Agreement with Switzerland for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 44, p. 69).
• 1988 Agreement with Hungary on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 42, p. 60).

China (People’s Republic of)

Legislative and regulatory activities

Liability and compensation
• 2007 Official Reply of the State Council to Questions on the Liabilities of Compensation for Damages Resulting from Nuclear Accidents (NLB 80, p. 103).

Nuclear safety and radiological protection (including nuclear emergency planning)
• 2017 Nuclear Safety Law of the People’s Republic of China (NLB 100, p. 119).

Agreements
• 1985 Agreement with the United States on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 36, p. 48).

Croatia

Legislative and regulatory activities

General legislation, regulations and instruments
• 2003 Act on Nuclear Safety (Supplement to NLB 73).
Liability and compensation

- 1998 Act on Liability for Nuclear Damage (Supplement to NLB 63).

Nuclear safety and radiological protection (including nuclear emergency planning)

- 1999 Act on Protection against Ionising Radiation (Supplement to NLB 65).

Czech Republic

Legislative and regulatory activities

General legislation, regulations and instruments

- 1997 Act on the Peaceful Uses of Nuclear Energy and Ionising Radiation (Supplement to NLB 61).

Democratic People’s Republic of Korea

Agreements

- 1994 Framework Agreement with the United States (NLB 54, p. 74).

Denmark

Legislative and regulatory activities

Liability and compensation

- 1970 Bill on Nuclear Installations (Supplement to NLB 6).

Nuclear safety and radiological protection (including nuclear emergency planning)


Organisation and structure


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Agreements

- 1976 Guidelines for Nordic Co-operation in the Border Areas between Denmark, Finland, Norway and Sweden (NLB 19, p. 38).

Egypt

Agreements

- 1984 Agreement with Belgium for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 37, p. 52).

Estonia

Legislative and regulatory activities

*Nuclear safety and radiological protection (including nuclear emergency planning)*

- 1997 Radiation Act (Supplement to NLB 61).
- 2004 Radiation Act (Supplement to NLB 76).

Finland

Legislative and regulatory activities

*General legislation, regulations and instruments*

- 1987 Nuclear Energy Act (Supplement to NLB 41).
- 1988 Nuclear Energy Decree (Extracts) (NLB 43, p. 104).

*Liability and compensation*

- 1971 Draft Nuclear Liability Act (Supplement to NLB 8).
• 1972 Nuclear Liability Act (Supplement to NLB 19), as amended in 1989 (Supplement to NLB 44).

Radioactive waste management
• 1983 Decision in Principle on Nuclear Waste Management (NLB 33, p. 42).

Agreements
• 1976 Guidelines for Nordic Co-operation in the Border Areas between Denmark, Finland, Norway and Sweden (NLB 19, p. 38).
• 1978 Agreement with Australia concerning the Transfer of Nuclear Material (NLB 22, p. 45).
• 1987 Agreement with the USSR on Early Notification of a Nuclear Accident and Exchange of Information on Nuclear Facilities (NLB 39, p. 54).

France

Legislative and regulatory activities

Liability and compensation
• 1968 Act on Third Party Liability in the Field of Nuclear Energy (NLB 2, p. 52), as amended in 1990 (Supplement to NLB 46).

Nuclear installations
• 1963 Decree concerning Nuclear Installations, as amended in 1973 (Supplement to NLB 12).
• 1966 and 1967 Orders defining Nuclear Installations (NLB 1, p. 35).
• 1967 Decree revising the Nomenclature of Dangerous, Unhealthy or Noxious Establishments (NLB 1, p. 39).
• 1984 Order and Circular on Design Quality, Construction and Operation of Major Nuclear Installations (NLB 35, p. 60).

Organisation and structure
• 1992 Decree on ANDRA (NLB 51, p. 96).

Radioactive materials (including physical protection)
• 1980 Act on Protection and Control of Nuclear Materials (NLB 26, p. 41).
Radioactive waste management


Agreements


Germany

Legislative and regulatory activities

General legislation, regulations and instruments

- 1959 Act on the Peaceful Uses of Atomic Energy and Protection against its Hazards (Supplement to NLB 4), as amended in 1975 (Supplement to NLB 15), 1976 (Supplement to NLB 18), 1985 (Supplement to NLB 36), 2002 (Supplement to NLB 70), 2011 (NLB 89, p. 169) and 2018 (NLB 101, p. 105).

Liability and compensation


Nuclear installations

- 1977 Ordinance concerning the Procedure for Licensing Nuclear Installations (Supplement to NLB 19), as amended in 1982 (Supplement to NLB 30).

Nuclear safety and radiological protection (including nuclear emergency planning)

- 1973 Ordinance concerning Protection from Damage by X-rays (Supplement to NLB 12).
- 1986 Preventive Radiation Protection Act (NLB 39, p. 43).

Radioactive waste management


Agreements

- 1968 Agreement with the Netherlands on the Use of Dutch Coastal Waters and Ports by the Nuclear Ship Otto Hahn (NLB 3, p. 50).
• 1970 Co-operation Agreement with the Netherlands and the United Kingdom on the Gas Centrifuge Process for Producing Enriched Uranium (NLB 6, p. 41).


• 1975 Agreement with Brazil on Co-operation in the Field of Peaceful Uses of Nuclear Energy (NLB 16, p. 43).

• 1978 Agreement with Switzerland on Radiation Protection in Case of Emergency (NLB 22, p. 51).

• 1986 Agreement with Switzerland on Third Party Liability in the Nuclear Field (NLB 39, p. 51).


Greece

Legislative and regulatory activities

Nuclear installations

• 1971 Decree-Law concerning the Conditions for Construction and Operation of Nuclear Installations (NLB 8, p. 36).

Organisation and structure

• 1968 Mandatory Act on the Reorganisation of the Greek Atomic Energy Commission (Supplement to NLB 2).

• 1985 Act on Development of Scientific and Technological Research (Extracts) (NLB 37, p. 48).

Hungary

Legislative and regulatory activities

General legislation, regulations and instruments

• 1996 Atomic Energy Act (Supplement to NLB 60).

Agreements

• 1988 Agreement with Canada on Co-operation in the Peaceful Uses of Nuclear Energy (NLB 42, p. 60).
Iceland

Legislative and regulatory activities

*Nuclear safety and radiological protection (including physical protection)*

- 2002 Act on Radiation Protection (Supplement to NLB 74).

India

Legislative and regulatory activities

*Liability and compensation*

- 2010 The Civil Liability for Nuclear Damage Act Bill as passed by Lok Sabha on 25 August 2010 (NLB 88, p. 145).

Agreements

- 2005 Joint Statement Between President George W. Bush and Prime Minister Manmohan Singh (NLB 82, p. 29).
- 2007 Agreement for Cooperation with the Government of the United States of America Concerning Peaceful Uses of Nuclear Energy (NLB 82, p. 41).
- 2008 Agreement with the International Atomic Energy Agency for the Application of Safeguards to Civilian Nuclear Facilities (NLB 82, p. 57).
Ireland

Legislative and regulatory activities

Organisation and structure
- 1971 Act establishing a Nuclear Energy Board (NLB 8, p. 39).

Italy

Legislative and regulatory activities

General legislation, regulations and instruments

Nuclear installations
- 2010 Decree setting out rules for the siting, construction and operation of nuclear installations (NLB 85, p. 113).

Nuclear safety and radiological protection (including nuclear emergency planning)
- 1971 Decree determining the Values of the Maximum Permissible Doses and Concentrations (NLB 7, p. 47).
- 1995 Decree on the Transposition of the Euratom Directives on Radiation Protection (Supplement to NLB 58).

Organisation and structure
- 1971 Act concerning the Reorganisation of the National Committee for Nuclear Energy (NLB 9, p. 37), as amended in 1982 (Supplement to NLB 30).

Radioactive materials (including physical protection)
- 1970 Decree on Exemptions from the Notification and from the Authorisation Requirements (NLB 8, p. 49).
Japan

Legislative and regulatory activities

Liability and compensation

- 1961 Law on Compensation for Nuclear Damage, as amended in 1971 (Supplement to NLB 9) and 1989 (Supplement to NLB 45) and its 1962 Enforcing Ordinance, as amended in 1989 (Supplement to NLB 45).
- 1961 Law on the Indemnity Agreement for Compensation of Nuclear Damage, as amended in 1971 (Supplement to NLB 11) and 1988 (Supplement to NLB 45).
- 2009 Act on Compensation for Nuclear Damage (NLB 84, p. 159).
- 2009 Act on Indemnity Agreements for Compensation of Nuclear Damage (NLB 84, p. 171).
- 2009 Order for the Execution of the Act on Compensation for Nuclear Damage (NLB 84, p. 177).
- 2009 Order for the Execution of the Act on Indemnity Agreements for Compensation of Nuclear Damage (NLB 84, p. 183).
- 2013 Third Supplement to Interim Guidelines on Determination of the Scope of Nuclear Damage resulting from the Accident at the Tokyo Electric Power Company Fukushima Daiichi and Daini Nuclear Power Plants (concerning Damages relating to Rumour-Related Damage in the Agriculture, Forestry, Fishery and Food Industries) (NLB 92, p. 197).
- 2013 Q&A on Third Supplement to the Interim Guidelines: Contents (NLB 92, p. 201).
- 2013 Outline of the “Third Supplement to Interim Guidelines on Determination of the Scope of Nuclear Damage resulting from the Accident at the Tokyo Electric Power Company Fukushima Daiichi and Daini Nuclear Power Plants (concerning Damages related to Rumour-Related Damage in the Agriculture, Forestry, Fishery and Food Industries)” (NLB 92, p. 205).
- 2013 Act Concerning Exceptions to Interruption of Prescription Pertaining to Use of Settlement Mediation Procedures by the Dispute Reconciliation Committee for Nuclear Damage Compensation in relation to Nuclear Damage Compensation Disputes pertaining to the Great East Japan Earthquake (NLB 94, p. 147).
- 2013 Act Concerning Measures to Achieve Prompt and Assured Compensation for Nuclear Damage Arising from the Nuclear Plant Accident following the Great East Japan Earthquake and Exceptions to the Extinctive Prescription, etc. of the Right to Claim Compensation for Nuclear Damage (NLB 94, p. 148).
- 2013 Fourth Supplement to Interim Guidelines on Determination of the Scope of Nuclear Damage resulting from the Accident at the Tokyo Electric Power Company Fukushima Daiichi and Daini Nuclear Power Plants (Concerning Damages Associated with the Prolongation of Evacuation Orders, etc.) (NLB 94, p. 149).
- 2013 Outline of “Fourth Supplement to Interim Guidelines (Concerning Damages Associated with the Prolongation of Evacuation Orders, etc.)” (NLB 94, p. 156).

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• 2016 Act on Subsidisation, etc. for Nuclear Damage Compensation Funds following the implementation of the Convention on Supplementary Compensation for Nuclear Damage (NLB 97, p. 109).

**Organisation and structure**

• 2012 Act for Establishment of a Nuclear Regulation Authority (Act No. 47) (NLB 90, p. 217).

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**Korea**

**Legislative and regulatory activities**

**Liability and compensation**

• 2001 Act on Compensation for Nuclear Damage (Supplement to NLB 68).

**Organisation and structure**


**Radioactive waste management**

• 2009 Radioactive Waste Management (NLB 83, p. 117).

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**Latvia**

**Legislative and regulatory activities**

**Nuclear safety and radiological protection (including nuclear emergency planning)**

• 1994 Act on Radiation Protection and Nuclear Safety (Supplement to NLB 55).

• 2000 Act on Radiation Safety and Nuclear Safety (Supplement to NLB 67).
Lithuania

Legislative and regulatory activities

**General legislation, regulations and instruments**
- 1996 Law on Nuclear Energy (Supplement to NLB 60).
- 2007 Law on the Nuclear Power Plant (NLB 80, p. 93)

**Nuclear safety and radiological protection (including nuclear emergency planning)**
- 1999 Law on Radiation Protection (Supplement to NLB 64).

**Radioactive waste management**
- 1999 Law on the Management of Radioactive Waste (Supplement to NLB 64).

Luxembourg

Legislative and regulatory activities

**Liability and compensation**
- Law of 6 July 2020 on third-party liability for damage related to a nuclear incident and amending (1) the Law of 20 April 2009 on environmental liability with regard to the prevention and remediation of environmental damage, as amended; and (2) the Law of 21 April 1989 on civil liability for defective products, as amended (NLB 105, p. 109).

Mexico

Legislative and regulatory activities

**Organisation and structure**
- 1978 Act reorganising the Administration and Control of Nuclear Energy (Supplement to NLB 23).
Moldova

Legislative and regulatory activities

Nuclear safety and radiological protection (including emergency planning)

- 2012 Law No. 132 of 8 June 2012 on the safe conduct of nuclear and radiological activities (NLB 91, p. 161).

Morocco

Legislative and regulatory activities

Liability and compensation

- 2005 Act on Civil Liability for Nuclear Damage (NLB 75, p. 141).

Netherlands

Legislative and regulatory activities

General legislation, regulations and instruments

- 1969 Decree on Nuclear Installations, Fissionable Materials and Ores, as amended in 1972 (Supplement to NLB 10).

Liability and compensation

- 1979 Act on Nuclear Third Party Liability (Supplement to NLB 24), as amended in 1991 (Supplement to NLB 49).

Nuclear-powered ships

- 1971 Bill on the Liability of Operators of Nuclear Ships (Supplement to NLB 7).

Agreements

Norway

Legislative and regulatory activities

General legislation, regulations and instruments

- 1968 Draft Law on Uses of Atomic Energy (Supplement to NLB 1).
- 1972 Act concerning Nuclear Energy Activities (Supplement to NLB 11), as amended in 1985 (Supplement to NLB 41).

Nuclear safety and radiological protection (including nuclear emergency planning)

- 1976 Regulations on Supervision and Use of Installations, Apparatus, Material and Substances Emitting Ionising or Other Radiation Hazardous to Health (NLB 21, p. 54).
- 2000 Act on Radiation Protection and Use of Radiation (Supplement to NLB 68).

Organisation and structure

- 1973 Regulations concerning the Organisation and Functions of the Nuclear Safety Authority (NLB 13, p. 36).

Agreements

- 1976 Guidelines for Nordic Co-operation in the Border Areas between Denmark, Finland, Norway and Sweden (NLB 19, p. 38).

Poland

Legislative and regulatory activities

General legislation, regulations and instruments

- 1986 Atomic Energy Act (Supplement to NLB 43).
- 2000 Atomic Energy Act (Supplement to NLB 68).

Agreements

Portugal

Legislative and regulatory activities

**Licensing and regulatory infrastructure**

- 1972 Decree-Law on the Procedure for the Licensing of Nuclear Installations (NLB 12, p. 25).

Romania

Legislative and regulatory activities

**General legislation, regulations and instruments**

- 1996 Law on the Safe Conduct of Nuclear Activities (Supplement to NLB 59).

**Liability and compensation**

- 2001 Law on Civil Liability for Nuclear Damage (Supplement to NLB 69).

Russian Federation

Legislative and regulatory activities

**General legislation, regulations and instruments**

- 1995 Federal Law No. 170 on the Use of Atomic Energy (Supplement to NLB 57); consolidated text as amended through 2013 (NLB 92, p. 153).

**Radioactive waste management**


Agreements

- 1976 Treaty with the United States on Underground Nuclear Explosions for Peaceful Purposes (NLB 18, p. 49).
- 1987 Agreement with Finland on Early Notification of a Nuclear Accident and Exchange of Information on Nuclear Facilities (NLB 39, p. 54).
• 2013 Franco-Russian Nuclear Power Declaration (NLB 92, p. 209).

Slovak Republic

Legislative and regulatory activities

General legislation, regulations and instruments
• 1998 Law on the Peaceful Use of Nuclear Energy (Supplement to NLB 62).

Liability and compensation
• 2015 Act on Civil Liability for Nuclear Damage and on its Financial Coverage and on Changes and Amendments to Certain Laws (NLB 95, p. 133).

Spain

Legislative and regulatory activities

Organisation and structure
• 1980 Act setting up a Nuclear Safety Council (NLB 25, p. 44).
• 2007 Act Creating the Nuclear Safety Council, consolidated text (NLB 82, p. 169).

Sweden

Legislative and regulatory activities

General legislation, regulations and instruments
• 1984 Act and Ordinance on Nuclear Activities (Supplement to NLB 33).

Liability and compensation
• 1968 Nuclear Liability Act (Supplement to NLB 2), as amended in 1982 (Supplement to NLB 33).
• 1974 Amendment of the 1968 Nuclear Liability Act (NLB 19, p. 40).
Nuclear installations

- 1977 Act on Special Permits to Load Nuclear Reactors with Nuclear Fuel (NLB 20, p. 44).

Nuclear safety and radiological protection (including nuclear emergency planning)

- 1988 Radiation Protection Act and Ordinance (Supplement to NLB 42).
- 2011 The Swedish Radiation Safety Authority’s regulations concerning clearance of materials, rooms, buildings and land in practices involving ionising radiation (NLB 89, p. 217).
- 2011 The Swedish Radiation Safety Authority’s general advice on the application of the regulations concerning clearance of materials, rooms, buildings and land in practices involving ionising radiation (NLB 89, p. 229).

Radioactive waste management


Agreements

- 1976 Guidelines for Nordic Co-operation in the Border Areas between Denmark, Finland, Norway and Sweden (NLB 19, p. 38).

Switzerland

Legislative and regulatory activities

General legislation, regulations and instruments

- 2003 Act on Nuclear Energy (Supplement to NLB 72).

Liability and compensation

- 1983 Act on Nuclear Third Party Liability (Supplement to NLB 32).

Nuclear installations


Nuclear safety and radiological protection (including nuclear emergency planning)

- 1969 Order on Radiation Protection in Nuclear Research Institutes (NLB 4, p. 31).
- 1991 Act and 1994 Ordinance on Radiological Protection (Supplement to NLB 57).
Agreements

- 1987 Agreement with Canada for Co-operation in the Peaceful Uses of Nuclear Energy (NLB 44, p. 69).

Chinese Taipei

Legislative and regulatory activities

Liability and compensation

- 1971 Law on Compensation for Nuclear Damage, as amended in 1997 (NLB 64, p. 77).
- 1998 Enforcement Rules of Nuclear Damage Compensation Law (NLB 64, p. 85).
- 1998 Announcement of the Atomic Energy Council of the Executive Yuan (NLB 64, p. 89).

Türkiye

Legislative and regulatory activities

General legislation, regulations and instruments

- 2007 Unofficial Translation of the Turkish Law No. 5710 Concerning the Construction and Operation of Nuclear Power Plants and the Sale of Energy Generated from Those Plants (NLB 80, p. 105).

Ukraine

Legislative and regulatory activities

General legislation, regulations and instruments

- 1995 Law on the Use of Nuclear Energy and Radiation Safety (Supplement to NLB 56).
**Liability and compensation**

- 2001 Law on Civil Liability for Nuclear Damage and its Financial Security (Supplement to NLB 69).

**Licensing and regulatory infrastructure**

- 2000 Law on the Licensing of Activities in the Field of Nuclear Energy (Supplement to NLB 66).

**Agreements**


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**United Arab Emirates**

**Legislative and regulatory activities**

**Liability and compensation**

- 2012 Federal Law by Decree No. 4 concerning civil liability for nuclear damage (NLB 91, p. 137).
- 2014 Federal Decree No. 51 Ratifying the Convention on Supplementary Compensation for Nuclear Damage (NLB 94, p. 171).

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**United Kingdom**

**Legislative and regulatory activities**

**General legislation, regulations and instruments**

- 1965 Nuclear Installations Act (Supplement to NLB 1), as amended in 1984 (Supplement to NLB 33).

**Organisation and structure**

- 1971 Atomic Energy Authority Act (Extracts) (NLB 11, p. 51).

**Agreements**

United States

Legislative and regulatory activities

General legislation, regulations and instruments
- 1954 Section 123 of the US Atomic Energy Act (NLB 82, p. 87).

Liability and compensation
- 1959 Price-Anderson Act, as amended in 1975 (Supplement to NLB 17) and 1988 (Supplement to NLB 42).

Agreements
- 1976 Treaty with the USSR on Underground Nuclear Explosions for Peaceful Purposes (NLB 18, p. 49).
- 2005 Joint Statement Between President George W. Bush and Prime Minister Manmohan Singh (NLB 82, p. 29).
- 2007 Agreement for Cooperation with the Government of India Concerning Peaceful Uses of Nuclear Energy (NLB 82, p. 41).

Uruguay

Legislative and regulatory activities

Nuclear safety and radiological protection (including nuclear emergency planning)
(Former) Yugoslavia

Legislative and regulatory activities

**General legislation, regulations and instruments**

- 1984 Act on Protection against Ionising Radiation and Special Safety Measures in the Use of Nuclear Energy (Supplement to NLB 36).

**Liability and compensation**

- 1978 Act on Liability for Nuclear Damage (Supplement to NLB 23).
INTERNATIONAL ORGANISATIONS

Council of Europe


European Union (EURATOM)

- 1978 Council Decision on the Establishment of the Joint European Torus (JET), Joint Undertaking, including Statutes of Project (Supplement to NLB 22).


- 1987 Resolution adopted by the European Parliament on the problem of contamination of foodstuffs following the Chernobyl disaster (Doc A2-5/87) (NLB 40, p. 35).


- 1989 Council Regulation on the Special Conditions for Exporting Foodstuffs and Feedingstuffs following a Nuclear Accident or any other Case of Radiological Emergency (NLB 44, p. 85).

- 1989 Commission Regulation laying down Maximum Permitted Levels of Radioactive Contamination in Minor Foodstuffs following a Nuclear Accident or any other Case of Radiological Emergency (NLB 44, p. 87).

• 1990 Commission Regulation laying down Maximum Permitted Levels of Radioactive Contamination of Feedingstuffs following a Nuclear Accident or any other Case of Radiological Emergency (NLB 45, p. 99).


International Atomic Energy Agency (IAEA)

• 1978 Guidelines for Nuclear Transfers (NLB 21, p. 57).

• 1984 Declaration of Common Policy by the Member States of the European Community (NLB 35, p. 81).

• 1984 Vienna Convention on Civil Liability for Nuclear Damage (NLB 34, p. 51).

• 1987 Regional Co-operative Agreement for Research, Development and Training related to Nuclear Science and Technology (NLB 41, p. 71).

• 1991 Resolution of the IAEA Board of Governors on the Non-compliance of Iraq with the IAEA Safeguards Agreement (NLB 48, p. 71).


• 2008 Agreement between the Government of India and the International Atomic Energy Agency for the Application of Safeguards to Civilian Nuclear Facilities (NLB 82, p. 57).

Nuclear Energy Agency (NEA)

- 1968 Model certificate of financial security for the carriage of nuclear substances (NLB 2, p. 64).
- 1972 Model for bilateral agreements for visits of nuclear ships (NLB 12, p. 31).
- 2004 Recommendation on the application of the reciprocity principle to nuclear damage compensation funds (NLB 104, p. 81).
- 2014 Decision and Recommendation of the Steering Committee Concerning the Application of the Paris Convention to Nuclear Installations in the Process of Being Decommissioned (NLB 94, p. 159).
- 2014 Joint Declaration on the Security of Supply of Medical Radioisotopes (NLB 94, p. 169).

Nuclear Power Plant Exporters (Carnegie Principles)

- 2012 Nuclear Power Plant Exporters’ Principles of Conduct (NLB 90, p. 257).

Nuclear Suppliers Group (NSG)

- 2008 Nuclear Suppliers Group’s Statement on Civil Nuclear Cooperation with India (NLB 82, p. 83).

United Nations

Legislative and regulatory activities

- 1992 General Assembly Resolution and Principles relevant to the Use of Nuclear Power Sources in Outer Space (NLB 52, p. 84).
• 2004 UN Security Council Resolution 1540 (NLB 75, p. 161).
MULTILATERAL AGREEMENTS

• 1971 Convention relating to Civil Liability in the Field of Maritime Carriage of Nuclear Material (NLB 9, p. 47).


• 1984 Resolution on the Vienna Convention on Civil Liability for Nuclear Damage (NLB 34, p. 51).

• 1985 South Pacific Nuclear Free Zone Treaty (NLB 36, p. 58).

• 1986 Convention on Early Notification of a Nuclear Accident (Supplement to NLB 38).

• 1986 Convention on Assistance in the Case of a Nuclear Accident or Radiological Emergency (Supplement to NLB 38).


• 1991 Joint Declaration on Co-operation in the Peaceful Use of Nuclear Energy (Belgium, France, Germany, United Kingdom) (NLB 47, p. 83).

• 1991 Declaration of the Commonwealth of Independent States on Nuclear Arms (NLB 49, p. 102).


• 1996 Comprehensive Nuclear Test Ban Treaty (NLB 58, p. 139).

• 1999 Declaration of Principles regarding a Multilateral Nuclear Environmental Programme in the Russian Federation (NLB 63, p. 95).


• 2003 Framework Agreement on a Multilateral Nuclear Environmental Programme in the Russian Federation and Protocol (NLB 71, p. 103).