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Item 1667

REGULATION OF THE COUNCIL OF MINISTERS

of 30 August 2021

on documents required when submitting an application for the issuance of a license to perform an activity related to exposure to ionizing radiation, or when registering the performance of this activity¹

Pursuant to Art. 6 Item 2 of the Act of 29 November 2000 — Atomic Law (Dz. U. 2021 items 623 and 784), it is ordered as follows:

§ 1. The regulation shall define documents required when:

- 1) submitting an application for the issuance of a license to perform an exposure-related activity, as mentioned in Art. 4 Section 1 of the Act of 29 November 2000 — Atomic Law, hereinafter: the ‘exposure-related activity’,
- 2) registering the performance of an exposure-related activity

—necessary for the applicant to confirm the fulfillment of the conditions of nuclear safety and radiation protection.

§ 2. The following terms used in the regulation shall stand for:

- 1) Act—the Act of 29 November 2000 — Atomic Law;
- 2) applicant—an organizational entity submitting an application for the issuance of a license, or submitting a registration;
- 3) license—a license to perform an exposure-related activity;
- 4) registration—a registration of the performance of an exposure-related activity.

§ 3. When submitting an application for the issuance of a license, an applicant shall attach to the application:

- 1) a document including:

¹ Within the scope of its regulation, the present regulation implements

- 1) Council Directive 2009/71/Euratom of 25 June 2009 establishing a Community framework for the nuclear safety of nuclear installations (Official Journal of the EU L 172 of 2 July 2009, p. 18, Official Journal of the EU L 260 of 3 October 2009, p. 40, and Official Journal of the EU L 219 of 25 July 2014, p. 42);
- 2) Council Directive 2011/70/Euratom of 19 July 2011 establishing a Community framework for the responsible and safe management of spent fuel and radioactive waste (Official Journal of the EU L 199 of 2 August 2011, p. 48);
- 3) Council Directive 2013/59/Euratom of 5 December 2013 laying down basic safety standards for protection against the dangers arising from exposure to ionizing radiation, and repealing Directives 89/618/Euratom, 90/641/Euratom, 96/29/Euratom, 97/43/Euratom and 2003/122/Euratom (Official Journal of the EU L 13 of 17 January 2014, p. 1, Official Journal of the EU L 72 of 17 March 2016, p. 69, Official Journal of the EU L 152 of 11 June 2019, p. 128, and Official Journal of the EU L 324 of 13 December 2019, p. 80);
- 4) Council Directive 2014/87/Euratom of 8 July 2014, amending Directive 2009/71/Euratom establishing a Community framework for the nuclear safety of nuclear installations (Official Journal of the EU L 219 of 25 July 2014, p. 42).

- a) the predicted date of commencing the activity indicated in the application, and if the activity is to be performed for a specified time—also the timeframe of performing this activity,
- b) an assessment of the exposure of workers and members of the public related to the activity indicated in the application, and the proposed dose constraints (usage dose limits) for workers and members of the public, resulting from this assessment,
- c) identification of the section of the organizational entity which will directly perform the activity covered by the license,
- d) if the activity is related to the introduction of new types of applications of ionizing radiation—a justification for the commencement of the activity, proving that the scientific, economic, social and other benefits expected as a result of the performance of this activity will be greater than the possible damage to human health and to the condition of the environment caused by this activity.
- e) in the case of an activity in which, under the conditions of normal operation, a necessity may arise to discharge gaseous or liquid radioactive waste into the environment — the proposed activity of the discharged waste, and its activity concentration at the time of discharging into the environment, the proposed manner of discharging the waste, its isotopic composition and the rate of discharging into the environment, a justification proving that the proposed values and manner of discharging the radioactive waste comply with the optimization principle mentioned in Article . 9 Section 1 of the Act, as well as the proposed manner of monitoring the releases of radioactive substances into the environment,
- f) in the case of an activity which can lead to releases of radioactive substances into the environment—criteria for choosing the reference groups mentioned in provisions issued on the basis of Article. 25 Item 1 of the Act, the characteristic features of these groups, and the proposed frequency of establishing doses for the reference groups,
- g) determination of the type and scope of the performed monitoring of exposure of workers to ionizing radiation, and monitoring of the working environment and the surroundings of the organizational entity, along with information about the possessed dosimetric equipment and its calibration,
- h) in the case of an activity the performance of which leads to the generation of radioactive waste or spent nuclear fuel—the proposed time of handover of this waste or fuel for disposal, processing or reprocessing, or a proposal of the manner of a further management of radioactive waste or spent nuclear fuel, other than disposal, processing or reprocessing,
- i) an opinion of a radiation protection officer about testing and inspecting protective devices and dosimetric equipment, as mentioned in Article 7a Section 1 of the Act,
- j) in the case of activities involving the production, processing, use or storage of nuclear materials, radioactive waste, spent nuclear fuel or other sources of ionizing radiation, excluding devices generating ionizing radiation, and in the case of an activity involving the disposal of radioactive waste—a description of the transport method used on the premises of the organizational entity for: nuclear materials, radioactive waste, spent nuclear fuel or other sources of ionizing radiation, respectively;

2) a quality assurance program, as mentioned in Article 7 Section 2 of the Act;

3) documents necessary for the applicant to confirm the fulfillment of nuclear safety and radiation protection conditions defined in appendix no. 1 to the regulation—if the application covers the performance of an exposure-related activity, excluding an activity involving the construction, commissioning, operation or decommissioning of nuclear facilities, and an activity involving the construction, operation or closure of radioactive waste repositories;

4) documents necessary for the applicant to confirm the fulfillment of nuclear safety and radiation protection conditions defined in appendix no. 2 to the regulation—if the application covers the performance of an exposure-related activity involving the construction, commissioning, operation or decommissioning of nuclear facilities;

5) documents necessary for the applicant to confirm the fulfillment of nuclear safety and radiation protection conditions defined in appendix no. 3 to the regulation—if the application covers the performance of an exposure-related activity involving the construction, operation or closure of radioactive waste repositories.

§ 4. When submitting a registration, an applicant shall present a document including:

- 1) determination of the type and scope of the planned exposure-related activity, specifying the maximum activity or activity concentration of radioactive isotopes, the type of devices containing a radioactive source, or the type of devices generating ionizing radiation, being the subject of the activity covered by the registration;
- 2) identification of the section of the organizational entity which will directly perform the activity covered by the registration, specifying its head office and address, and specifying the place of performance of the activity covered by the registration;
- 3) the predicted date of commencing the activity covered by the registration, and if the activity is to be performed for a specified time—also the timeframe of performing this activity;
- 4) if the activity is related to the introduction of new types of applications of ionizing radiation—a justification for the commencement of this activity, proving that the scientific, economic, social and other benefits expected as a result of its performance will be greater than the possible damage to human health and the condition of the environment caused by this activity;
- 5) if the activity is related to the use of ionizing radiation for non-medical imaging which utilizes devices not constituting radiological equipment—the purpose of the activity, as mentioned in Article 33zg Section 3 of the Act, and a justification, as mentioned in Article 33zh Sections 1 and 2 of the Act;
- 6) if the activity is related to the use of a device containing a radioactive source, or a device generating ionizing radiation—information about the organizational entity which is to install the device containing a radioactive source, or to commission the device generating ionizing radiation, which holds a license for installing or commissioning devices being the subject of the registration.

§ 5. The existing provisions shall apply to applications submitted for the issuance of a license, and to registrations submitted before the date of entry into force of the present regulation.

§ 6. The regulation shall enter into force 14 days after its promulgation.²

Prime Minister: *M. Morawiecki*

²The present regulation was preceded by regulation of the Council of Ministers of 30 June 2015 on documents required when submitting an application for the issuance of a license to perform an activity related to exposure to the effects of ionizing radiation, or when registering the performance of this activity (Dz. U. item 1355), which in accordance with Article 37 Section 1 Item 2 of the Act of 13 June 2019 amending the Act - Atomic Law and the Act on Fire Protection (Dz. U. item 1593, and of 2020 item 284) shall become repealed on the day when the present regulation enters into force.

Appendix no. 1

DOCUMENTS ATTACHED TO AN APPLICATION FOR THE ISSUANCE OF A LICENSE TO PERFORM AN EXPOSURE-RELATED ACTIVITY, EXCEPT FOR AN ACTIVITY INVOLVING THE CONSTRUCTION, COMMISSIONING, OPERATION OR DECOMMISSIONING OF NUCLEAR FACILITIES, AND AN ACTIVITY INVOLVING THE CONSTRUCTION, OPERATION OR CLOSURE OF RADIOACTIVE WASTE REPOSITORIES

1. Documents attached to each application for the issuance of a license to perform an exposure-related activity, except for an activity involving the construction, commissioning, operation or decommissioning of nuclear facilities, and an activity involving the construction, operation or closure of radioactive waste repositories.
 - 1.1. Information characterizing the radioactive sources, radioactive materials, radioactive waste, nuclear materials, spent nuclear fuel or ionizing radiation emitted by devices generating ionizing radiation.
 - 1.2. Information about the authorization of persons holding positions of significant importance for ensuring nuclear safety and radiation protection, and a radiation protection officer authorization.
 - 1.3. A personnel training program involving nuclear safety and radiation protection.
 - 1.4. A description of the system of recording and analyzing the occurrence of accidental exposure.
2. Documents attached to an application, depending on the type of exposure-related activity covered by the application.
 - 2.1. Documents attached to an application for the issuance of a license to perform an exposure-related activity involving the use of radioactive sources, radioactive materials, nuclear materials, devices containing radioactive sources or generating ionizing radiation—subject to Items 2.10 and 2.13.
 - 2.1.1. Instructions for working with radioactive sources, radioactive materials, nuclear materials, devices containing radioactive sources or generating ionizing radiation.
 - 2.1.2. Instructions for the management of radioactive waste.
 - 2.1.3. Information about the facility or premises intended for performing the activity constituting the subject of the application.
 - 2.1.4. Information about the manner, place and conditions of storing radioactive sources, radioactive materials, radioactive waste or nuclear materials.
 - 2.1.5. In the case of work performed outside the premises of the organizational entity with the use of open radioactive sources or radioactive materials which could cause radioactive contamination—additionally, the consent of the owner or another entity managing the area where the work with these sources or materials is to be performed, and a positive opinion of the competent state regional sanitary inspector regarding radiation hygiene.
 - 2.1.6. Information about the manner and conditions of transporting radioactive sources, radioactive materials, radioactive waste or nuclear materials, if performed.
 - 2.1.7. In the case of an application for the issuance of a license to perform an exposure-related activity involving the use of nuclear materials—additionally, a draft of the physical protection system for nuclear materials.
 - 2.1.8. Information regarding the organizational entity installing devices containing radioactive sources or commissioning devices generating ionizing radiation, expected to inspect these devices before commencing their operation, which holds a license to install or commission devices being the subject of the application.
 - 2.1.9. A plan for securing radioactive sources.
 - 2.1.10. If the activity is related to the use of ionizing radiation for non-medical imaging which utilizes devices not constituting radiological equipment—additionally, the purpose of the activity, as mentioned in Article. 33zg Section 3 of the Act, and a justification, as mentioned in Article 33zh Sections 1 and 2 of the Act.
 - 2.2. Documents attached to an application for the issuance of a license to perform an exposure-related activity involving the intended administration of radioactive substances to people or animals for medical or veterinary

diagnostics, treatment or scientific research.

- 2.2.1. The documents listed in Items 2.1.1–2.1.4.
- 2.2.2. In the case of an application for the issuance of a license to perform an exposure-related activity involving the intended administration of radioactive substances to people for medical diagnostics, treatment or scientific research—additionally, a template of instructions for patients and for carers and comforters, as mentioned in Article 33h Section 2 Item 4 of the Act.
- 2.2.3. In the case of an application for the issuance of a license to perform an exposure-related activity involving the intended administration of radioactive substances to animals for veterinary diagnostics, treatment or scientific research—additionally, a template of operational instructions intended for the owners or carers of animals to which a radioactive substance has been administered for veterinary diagnostics, treatment or scientific research.
- 2.3. Documents attached to an application for the issuance of a license to perform an exposure-related activity involving the commissioning of laboratories which are intended to use sources of ionizing radiation, including X-ray laboratories, and for storing nuclear materials, radioactive sources, radioactive materials, radioactive waste or spent nuclear fuel—subject to Item 2.11.
 - 2.3.1. Elements of technical documentation of the facility or premises in which the activity constituting the subject of the application will be performed, indicating the fulfillment of the conditions of nuclear safety and radiation protection.
 - 2.3.2. Information about the work which is to be performed in the laboratory, specifying the parameters of devices containing radioactive sources or generating ionizing radiation, as well as the type and maximum activity of radioactive sources used simultaneously, and in the case of facilities and rooms intended for storing nuclear materials, radioactive sources, radioactive materials or radioactive waste—data about the materials, sources or waste which are to be stored.
 - 2.3.3. In the case of an application for the issuance of a license to perform an exposure-related activity involving the storage of nuclear materials—additionally, a draft of the physical protection system for nuclear materials.
 - 2.3.4. A plan for securing radioactive sources.
- 2.4. Documents attached to an application for the issuance of a license to perform an exposure-related activity involving the production or processing of nuclear materials, radioactive materials or radioactive sources, radioactive waste processing, isotopic enrichment, the production of devices containing radioactive sources or the intended addition of radioactive substances in the production process of consumer products, medical devices, medical devices for in vitro diagnostics, accessories for medical devices accessories for medical devices for in vitro diagnostics, active medical devices for implantation, within the meaning of the provisions of the Act of 20 May 2010 on medical devices (Dz. U. 2021 item 1565), or the activation of a material causing an increase in the radioactivity of a consumer product, which cannot be neglected from the point of view of radiation protection when placing this product on the market.
 - 2.4.1. Elements of technical documentation of the facility or rooms, in which the activity constituting the subject of the application will be performed, and in which radioactive sources, radioactive materials, radioactive waste or nuclear materials will be stored, indicating the fulfillment of the conditions of nuclear safety and radiation protection.
 - 2.4.2. Technical documentation of the produced devices, or information characterizing the manufactured products or equipment.
 - 2.4.3. In the case of devices containing radioactive sources—additionally, information about device-related exposure, the correct usage, testing and maintenance of the devices, also indicating that the construction of the device allows for limiting the exposure to the lowest reasonably attainable level, and in the case of radiological equipment—also information regarding the risk assessment for patients, and the available elements of clinical assessment of radiological equipment.
 - 2.4.4. In the case of consumer products—additionally, information on:
 - 1) the planned use of the product, specifying the benefits which justify its use;

- 2) the manner of marking and its compliance with appendix no. 3 to the Act;
- 3) the content of instructions involving the use and storage of the product;
- 4) the manner of placing the radioactive substance in the product;
- 5) the dose rate of ionizing radiation at a distance proper for using the product, as well as at a distance of 0.1 m from each available surface of the product, and the fulfillment of other requirements indicating that the use of the product is not subject to the obligation of obtaining a license, submitting a registration or a notification;
- 6) the presumed exposure of members of the, with an indication that every effort has been made in order to minimize exposure during normal use of the product, the probability of additional accidental exposure as a result of improper use of the product has been minimized, and there are no obstacles for the safe management of the product when it is no longer in use.

2.4.5. In the case of an application for the issuance of a license to perform an exposure-related activity involving the production or processing of nuclear materials or isotopic enrichment—additionally, a draft of the physical protection system for nuclear materials.

2.4.6. A plan for securing radioactive sources.

2.5. Documents attached to an application for the issuance of a license to perform an exposure-related activity involving the installation or operation of devices containing radioactive sources, and the commissioning of devices generating ionizing radiation—subject to Items 2.9 and 2.12.

- 2.5.1. Technical documentation of devices constituting the subject of the activity covered by the application.
- 2.5.2. Information about device-related exposure, the correct usage, testing and maintenance of the devices, also indicating that the construction of the device allows for limiting the exposure to the lowest reasonably attainable level, and in the case of radiological equipment—also information regarding the risk assessment for patients, and the available elements of clinical assessment of radiological equipment.
- 2.5.3. Information about the manner, place and conditions of storing radioactive sources and radioactive waste.
- 2.5.4. Information about the manner and conditions of transporting radioactive sources and radioactive waste.
- 2.5.5. A plan for securing radioactive sources.

2.6. Documents attached to an application for the issuance of a license to perform an exposure-related activity involving the trade in nuclear materials, spent nuclear fuel, radioactive materials, radioactive sources, devices containing such sources, consumer products with added radioactive substances, medical devices, medical devices for in vitro diagnostics, accessories for medical devices, accessories for medical devices for in vitro diagnostics, active medical devices for implantation, within the meaning of provisions of the Act of 20 May 2010 on medical devices with added radioactive substances, the import of general consumer products with added radioactive substances to the territory of the Republic of Poland and export from this territory, medical products, medical products for in vitro diagnostics, medical product installations, medical product installations for in vitro diagnostics, active medical products for implantation, within the meaning of provisions of the Act of 20 May 2010 on medical devices with added radioactive substances.

- 2.6.1. Technical documentation of the device placed on the market, or information characterizing a product or equipment with added radioactive substances placed on the market, imported or exported.
- 2.6.2. In the case of devices containing radioactive sources—additionally, the information listed in Item 2.4.3.
- 2.6.3. In the case of consumer products—additionally, the information listed in Item 2.4.4.
- 2.6.4. Information on the manner, place, and the conditions of storing radioactive sources, radioactive materials, radioactive waste, nuclear materials or spent nuclear fuel.
- 2.6.5. In the case of an application for the issuance of a license to perform an exposure-related activity involving the trade in nuclear materials or spent nuclear fuel—additionally, a draft of the physical protection system for nuclear materials.

- 2.6.6. A plan for securing radioactive sources.
- 2.7. Documents attached to an application for the issuance of a license to perform an exposure-related activity involving the transport of radioactive sources, radioactive materials or radioactive waste.
 - 2.7.1. A program of protection against radiation, as defined in provisions on the transport of dangerous goods.
 - 2.7.2. A program of protection for high-risk dangerous goods, when required by provisions on the transport of dangerous goods.
 - 2.7.3. In the case of road transport—additionally, an ADR certificate, if required by provisions on the transport of hazardous goods.
 - 2.7.4. A plan for securing radioactive sources.
- 2.8. Documents attached to an application for the issuance of a license to perform an exposure-related activity involving the transport of nuclear materials or spent nuclear fuel.
 - 2.8.1. The documents listed in Item 2.7.
 - 2.8.2. Information about the planned routes and manner of transporting nuclear materials or spent nuclear fuel.
 - 2.8.3. A draft of the physical protection system for nuclear materials.
 - 2.8.4. Instructions for loading and unloading nuclear materials or spent nuclear fuel during transport.
 - 2.8.5. Information about the manner of distribution of the load on a means of transport.
- 2.9. Documents attached to an application for the issuance of a license to perform an exposure-related activity involving the commissioning of X-ray devices in a medical X-ray laboratory.
 - 2.9.1. Technical documentation of the X-ray device.
 - 2.9.2. Information about exposure related to the X-ray device, the correct usage, testing and maintenance of the device, also indicating that the construction of the device allows for limiting the exposure to the lowest reasonably attainable level, as well as information regarding the risk assessment for patients, and the available elements of clinical assessment of the device.
- 2.10. Documents attached to an application for the issuance of a license to perform an exposure-related activity involving the use of X-ray devices in a medical X-ray laboratory.
 - 2.10.1. An operating manual of the X-ray device.
 - 2.10.2. A document confirming the completion of commissioning tests of the X-ray device.
 - 2.10.3. A document confirming the completion of commissioning tests of auxiliary devices.
 - 2.10.4. Operating instructions of the X-ray device establishing detailed rules of proceeding with respect to radiation protection of workers and patients.
 - 2.10.5. A record of the results of basic and specialized tests of the X-ray and ancillary devices.
- 2.11. Documents attached to an application for the issuance of a license to perform an exposure-related activity involving the commissioning of a medical X-ray laboratory.
 - 2.11.1. Design documentation of the medical X-ray laboratory.
- 2.12. Documents attached to an application for the issuance of a license to perform an exposure-related activity involving the commissioning of X-ray devices for the purposes of X-ray diagnostics, interventional radiology, surface radiation therapy or radiation therapy of non-oncological diseases outside a medical X-ray laboratory.
 - 2.12.1. Technical documentation of the X-ray device.
 - 2.12.2. Information about exposure related to the device, the correct usage, testing and maintenance of the device, also indicating that the construction of the device allows for limiting the exposure to the lowest reasonably attainable level, as well as information regarding the risk assessment for patients, and the available elements of clinical assessment of the device.

2.13. Documents attached to an application for the issuance of a license to perform an exposure-related activity involving the use of X-ray devices for the purposes of X-ray diagnostics, interventional radiology, surface radiation therapy or radiation therapy of non-oncological diseases outside a medical X-ray laboratory.

2.13.1. An operating manual of the X-ray device.

2.13.2. A document confirming the completion of commissioning tests of the X-ray device.

2.13.3. A document confirming the completion of commissioning tests of auxiliary devices.

2.13.4. Operating instructions of the X-ray device establishing detailed rules of proceeding with respect to radiation protection of workers and patients.

2.13.5. A record of the results of basic and specialized tests of the X-ray and auxiliary devices.

2.14. Documents attached to an application for the issuance of a license to perform an exposure-related activity involving the processing of spent nuclear fuel.

2.14.1. Technical documentation of the facility or rooms on the premises of a spent nuclear fuel reprocessing plant which will perform the activity constituting the subject of the application, indicating the fulfillment of the conditions of nuclear safety and radiation protection.

2.14.2. The applicant's declaration of the performance of required acceptances, tests and examinations of devices and technological systems affecting nuclear safety and radiation protection, and of their readiness to commence the activity.

2.14.3. A detailed description of the technological process along with technical documentation of any devices whose operation is of significance when fulfilling the conditions of nuclear safety and radiation protection.

2.14.4. A draft of the physical protection system for nuclear materials.

2.14.5. The procedures of the management of radioactive waste generated as a result of the reprocessing of spent fuel.

2.14.6. A management plan for chemical waste generated during the reprocessing of spent nuclear fuel.

2.14.7. A description of the manner of discharging gaseous or liquid radioactive waste.

2.14.8. The applicant's declaration of employing a sufficient number of workers with qualifications required for performing the exposure-related activity involving the reprocessing of spent fuel, along with a list specifying the qualifications of individual workers, and with the copies of documents which confirm obtaining the required authorization.

2.14.9. The procedures of monitoring the exposure of workers to ionizing radiation.

2.14.10. An environmental radiation monitoring program on and outside the premises of the nuclear facility in which the exposure-related activity involving the processing of spent nuclear fuel is performed, in a normal situation, and in the case of a radiation emergency.

2.15. Documents attached to an application for the issuance of a license to perform an exposure-related activity involving the disposal of radioactive waste.

2.15.1. Technical documentation of the facility or rooms on the premises of a radioactive waste repository, in which the activity constituting the subject of the application will be performed, indicating the fulfillment of the conditions of nuclear safety and radiation protection.

2.15.2. An indication of the type of radioactive waste to be disposed of.

2.15.3. In the case of an application for the issuance of a license to perform an exposure-related activity involving the disposal of radioactive waste containing nuclear materials—additionally, a draft of the physical protection system for nuclear materials.

2.15.4. Procedures and instructions involving the performance of an exposure-related activity involving the disposal of radioactive waste.

2.15.5. The proposed conditions and limitations of the performance of an exposure-related activity involving the disposal of radioactive waste.

- 2.15.6. The applicant's declaration of employing a sufficient number of workers with qualifications required for the exposure-related activity involving the disposal of radioactive waste, along with a list specifying the qualifications of individual workers, and with the copies of documents which confirm obtaining the required authorization.
- 2.15.7. The procedures of monitoring the exposure of workers to ionizing radiation.
- 2.15.8. An environmental radiation monitoring program on and outside the premises of the repository, in a normal situation and in the case of a radiation emergency.
- 2.16. Documents attached to an application for the issuance of a license to perform an exposure-related activity involving the operation of a uranium ore mine.
 - 2.16.1. Information on the manner, place and conditions of storing nuclear materials and radioactive waste, and data regarding the materials and waste which are to be stored.
 - 2.16.2. Instructions for the management of radioactive waste
 - 2.16.3. The procedures of monitoring the exposure of workers to ionizing radiation.
- 2.17. Documents attached to an application for the issuance of a license to perform an exposure-related activity involving the closure of a uranium ore mine.
 - 2.17.1. A mine closure program.
 - 2.17.2. A description of the manner of managing the equipment, materials, and waste, including radioactive waste.
- 3. Documents additionally attached to an application for the issuance of a license to perform an exposure-related activity which uses a high-activity source, except an exposure-related activity involving the disposal or storage of such a source by the state-owned public utility mentioned in Article 114 Section 1 of the Act, and an exposure-related activity involving the transport of a high-activity source.
 - 3.1. One of the agreements mentioned in Article 5 Section 5a Items 1 and 2 of the Act.
 - 3.2. In the case of a high-activity source imported to the territory of the Republic of Poland—also an indication of the possibilities of a further management of the radioactive source in the Republic of Poland upon discontinuation of the organizational entity's activity which uses this source, with a justification.

Appendix no. 2

DOCUMENTS ATTACHED TO AN APPLICATION FOR THE ISSUANCE OF A LICENSE TO PERFORM AN EXPOSURE-RELATED ACTIVITY INVOLVING THE CONSTRUCTION, COMMISSIONING, OPERATION OR DECOMMISSIONING OF NUCLEAR FACILITIES

1. Documents attached to an application for the issuance of a license to perform an exposure-related activity involving the construction of a nuclear facility.
 - 1.1. Documents attached to each application for the issuance of a license to perform an exposure-related activity involving the construction of a nuclear facility.
 - 1.1.1. A siting report, as mentioned in Article 35b Section 3 of the Act.
 - 1.1.2. Maps of the premises of the nuclear facility, and maps of the site region or site area, respectively, depending on the type of the presented information.
 - 1.1.3. A preliminary safety report (PSR), as mentioned in Article 36d Section 2 of the Act, including data and information specified in the provisions issued on the basis of Article. 36d Section 3 of the Act, along with a brief version of the PSR intended for promulgation in the Public Information Bulletin on the websites of the President of the National Atomic Energy Agency, including at least:
 - 1) a general description of the nuclear facility;
 - 2) an assessment of the site of the nuclear facility;
 - 3) general aspects of the nuclear facility design;
 - 4) a summary and assessment of the results of safety analyses for the nuclear facility;
 - 5) characteristics of facilities and installations for the purposes of damage control measures;
 - 6) a description of the environmental impact of the nuclear facility;
 - 7) information about the management of radioactive waste and spent nuclear fuel;
 - 8) general aspects of decommissioning of the nuclear facility.
 - 1.1.4. Source reports on probabilistic safety analyses of the 1st and 2nd level, mentioned in provisions issued on the basis of Art. 36d Section 3 of the Act.
 - 1.1.5. A description and results of verification of the safety analyses, as mentioned in Article 36d Section 1 of the Act.
 - 1.1.6. Documentation regarding the safety classification mentioned in Article. 36j Section 3 of the Act.
 - 1.1.7. A list and characteristics of the content of design documentation of the nuclear facility, as well as a list and characteristics of the elements of equipment in the nuclear facility.
 - 1.1.8. Documentation describing an integrated management system, as mentioned in Article 36k of the Act, for the construction stage of the nuclear facility, including the actions of all participants in the preparation of this facility which are of significant importance for ensuring nuclear safety and radiation protection.
 - 1.1.9. A description of the structure and functioning of a section or a team appointed in the organizational entity to be responsible for maintaining knowledge about the design of the nuclear facility for the whole lifecycle of the facility.
 - 1.1.10. A decision on environmental determinants, as mentioned in the Act of 3 October 2008 on sharing information on the environment and its protection, the participation of society in environmental protection, and environmental impact assessments (Dz. U. of 2021 items 247, 784, 922, 1211, and 1551).
 - 1.1.11. A nuclear facility decommissioning program, as mentioned in Article 38b Section 1 of the Act, including at least:
 - 1) a description of general conditions for decommissioning of the facility, including basic assumptions for decommissioning;
 - 2) a technical description of the nuclear facility, within a scope which is of significant importance for decommissioning of the nuclear facility, specifying the cubage and masses of the systems, structures and

components, as well as the amount of radioactive substances present in the facility;

- 3) a description of the planned decommissioning strategy;
- 4) a description of the planned technical and organizational measures necessary to apply during decommissioning operations for ensuring nuclear safety and radiation protection;
- 5) a description of methods for decontaminating and disassembling the facility—an analysis of technical feasibility of decontamination and disassembly operations performed with the use of the planned methods;
- 6) a description of the management of materials and waste, including radioactive waste, also including:
 - a) a qualitative and quantitative estimation of the materials and waste along with their characteristics,
 - b) an analysis of the possibilities of reusing and recycling the materials, and the methods of neutralization and elimination of radioactive waste and other waste;
- 7) a framework schedule for decommissioning of the facility, specifying the individual stages of work according to the planned strategy;
- 8) a cost estimate, and a description of the manner of financing the decommissioning of the nuclear facility.

- 1.1.12. The documents mentioned in Article 38g Sections 2 and 3 of the Act.
- 1.1.13. An opinion of the European Commission, issued based on Article 43 of the Treaty establishing the European Atomic Energy Community, hereinafter: the ‘Euratom Treaty’.
- 1.1.14. Documents indicating that the applicant fulfills the requirement mentioned in Article 37 Section 3 of the Act.
- 1.1.15. A plan of the physical protection system for the nuclear facility and nuclear materials.
- 1.1.16. A construction schedule for the nuclear facility, taking into account in particular the sequence of the performed work along with the planned dates of applying for a license to commission and operate the nuclear facility.
- 1.1.17. The applicant’s declaration that the applicant and other participants in the preparation of the facility performing operations of significant importance for ensuring nuclear safety and radiation protection will hire a sufficient number of workers with qualifications required for the construction stage of the nuclear facility.
- 1.1.18. In the case when the applicant has submitted the application mentioned in Article 36a Section 1 or in Article 39b Section 1 of the Act—a description of changes in the factual circumstances specified in this application.
- 1.1.19. Information about reference nuclear facilities in the construction or operating phase, along with a description of significant differences between the reference facilities and the facility covered by the application, or in the case of the absence of such facilities—about the solutions and technologies which have been validated by means of tests, examinations, and analyses.
- 1.1.20. A list of contractors and providers of systems and structures and components of the nuclear facility, the providers of materials and the contractors for operations performed during the construction of the nuclear facility, chosen by the applicant by the time of submitting the application, in particular with respect to technical devices or other devices of the nuclear facility, specified in provisions issued on the basis of Article 5 Section 4 of the Act of 21 December 2000 on technical supervision (Dz. U. 2021 item 272), along with information about procurements which are to be arranged with these contractors and providers.
- 1.1.21. A management plan of chemical waste generated at the construction stage of the nuclear facility.
- 1.1.22. A program for research and monitoring the condition of the environment in the area of the site of the nuclear facility at the stage of its construction.
- 1.1.23. An environmental radiation monitoring program, as mentioned in Article. 86o of the Act.
- 1.1.24. Basic information on the system of managing situations of radiation emergencies in the organizational entity for the commissioning and operating stages of the nuclear facility.
- 1.2. Documents attached to an application for the issuance of a license to perform an exposure-related activity involving the construction of a nuclear facility constituting a nuclear energy facility within the meaning of the Act of 29 June 2011 on the preparation and execution of investments involving nuclear energy facilities and the

accompanying investments (Dz. U. 2021 item 1484).

- 1.2.1. The documents listed in Item 1.1.
- 1.2.2. A decision establishing the site of an investment involving the construction of the nuclear energy facility, as mentioned in Article 7 of the Act of 29 June 2011 on the preparation and execution of investments involving nuclear energy facilities and the accompanying investments.
- 1.2.3. Documents additionally attached to an application for the issuance of a license to perform an exposure-related activity involving the construction of a nuclear power plant.
 - 1.2.3.1. A proof of payment of the fee for reviewing the application, as mentioned in Article 39 Section 2 Item 1 of the Act.
 - 1.2.3.2. A plan of recruitments and trainings along with a description of preliminary and periodic personnel training programs for the workers scheduled to perform actions of significant importance for ensuring nuclear safety and radiation protection at its commissioning and operating stages, in particular in accordance with the provisions issued on the basis of Article 12d Section 8 of the Act.
 - 1.2.3.3. A program of preoperational tests of systems and structures and components of the nuclear facility, performed during the construction of the nuclear power plant.
 - 1.2.3.4. A list and characteristics of the content of procedures for performing preoperational tests of systems and structures and components of the nuclear facility—performed during the construction of the nuclear power plant.
- 1.3. Documents attached to an application for the issuance of a license to perform an exposure-related activity involving the construction of a nuclear facility not constituting a nuclear energy facility within the meaning of the Act of 29 June 2011 on the preparation and execution of investments involving nuclear energy facilities and the accompanying investments.
 - 1.3.1. The documents listed in Item 1.1.
 - 1.3.2. A decision on the conditions of development and land management, or a local plan of spatial development, as mentioned in the provisions of the Act of 27 March 2003 on spatial planning and development (Dz. U. of 2021 items 741, 784, and 922).
 - 1.3.3. Documents additionally attached to an application for the issuance of a license to perform an exposure-related activity involving the construction of a research reactor.
 - 1.3.3.1. A program of preoperational tests of systems and construction elements and installations of the nuclear facility performed during the construction of the research reactor.
 - 1.3.3.2. A list and characteristics of the content of procedures for performing preoperational tests—performed during the construction of the research reactor.
2. Documents attached to an application for the issuance of a license to perform an exposure-related activity involving the commissioning of a nuclear facility.
 - 2.1. An intermediate safety report (ISR) for the commissioning stage of the nuclear facility, with a scope complying with the provisions issued on the basis of Article 36d Section 3 of the Act, including the information presented in the PSR, updated, specified, and supplemented at the construction stage of the nuclear facility—in particular describing any deviations or changes with respect to solutions important for ensuring nuclear safety or radiation protection indicated in the PSR, including:
 - 1) with respect to the conditions of emergency planning and intervention measures—an indication of the feasibility of the performance of intervention measures in the case of a severe accident in the nuclear facility, for proving the sufficiency of traffic routes and means of transport, as well as other required external infrastructure;
 - 2) with respect to detailed descriptions of systems as well as structures and components of the nuclear facility—a description of the as-built state, specifying the changes in design solutions, having significant importance from the point of view of ensuring nuclear safety and radiation protection, introduced at the construction stage;

- 3) with respect to safety analyses of the nuclear facility—an updated description and results, taking into account possible safety analyses which have been additionally performed or modified compared to the analyses included in the PSR, in particular safety analyses performed in relation to changes in the design solutions of the nuclear facility, having significant importance from the point of view of ensuring nuclear safety and radiation protection, introduced at the construction stage, or the results of preoperational tests performed during the construction of the nuclear facility;
- 4) with respect to organizing the commissioning of the nuclear facility—general descriptions of the individual stages of commissioning, as well as the types and scope of tests or commissioning measurements, complying with the nuclear facility commissioning program;
- 5) with respect to the aspects of operating the nuclear facility:
 - a) lists and characteristics of management-related procedures used by the organizational entity performing an activity involving the commissioning of the nuclear facility, including:
 - procedures related to managing the aspects of nuclear safety and radiation protection,
 - the procedure of developing, approving, and implementing the operating procedures,
 - the procedure of introducing changes in the procedures mentioned in the first and second indent,
 - b) lists and characteristics of the content of operating procedures:
 - procedures of normal operation, sufficient to ensure the operation of the nuclear facility within the scope of operating limits and conditions,
 - emergency operation procedures, with a justification for the selected approach—with references to applicable safety analyses,
 - c) in the case of a nuclear power plant—additionally, the lists and characteristics of the content of guidelines for managing severe accidents, including in particular the determination of criteria for proceeding from emergency operating procedures to guidelines for managing severe accidents;
- 6) with respect to the operating limits and conditions of the nuclear facility—a description of the proposed operating limits and conditions of the nuclear facility, in accordance with the provisions issued on the basis of Article 38 of the Act, in particular taking into account possible modifications due to changes introduced at the construction stage of the nuclear facility, or the results of additional or modified safety analyses;
- 7) with respect to radiation protection in the nuclear facility—a description of the rules of conduct and the manner of implementation of the principle of optimization of exposure to ionizing radiation in the radiation protection program of the organizational entity, indicating in particular that this principle has been implemented in accordance with the requirements of Article 38 of the Act;
- 8) with respect to emergency preparedness at the commissioning stage of the nuclear facility, including those covered by the on-site emergency response plan:
 - a) a description of the entirety of damage-control measures taken in order to limit the exposure of workers and members of the, including in particular:
 - organization of the emergency response on the premises of the facility, and cooperation with proper authorities and services involved in emergency response, with an indication of the functions, authorizations, and responsibilities of individual people —according to the system for managing emergency situations,
 - the identification, classification, and announcement of emergencies,
 - the manner of assessing the initial phase of an accident, and the current condition of the facility,
 - the procedure of initiating damage control measures, notifying proper authorities and services,

- the manner of performing actions mitigating an accident,
- the rules of taking protective actions on the premises of the facility,
- the conditions of cooperation with local services, responsible for the performance of actions in emergency planning zones,
- a protection system for the workers of the facility and the members of emergency teams, as well as the management of medical assistance on the premises of the facility,
- informing the public,

b) an indication that the organizational entity performing an activity involving the commissioning of the nuclear facility possesses sufficient measures for:

- early detection, monitoring, and assessment of emergency conditions, in which damage-control measures are necessary to mitigate the accident consequences, protect the workers of the facility, as well as the recommendation of suitable external protective actions to proper authorities,
- prediction of the type, range and scale of releases of radioactive substances in the case of an accident,
- effective continuous assessment of radiation conditions on the premises of the nuclear facility, and outside this facility;

9) with respect to the environmental impact of the nuclear facility at the commissioning stage:

- a) a procedure of maintaining and storing registers of releases of radioactive substances from the nuclear facility,
- b) a procedure of sharing data on the radiation impact of the nuclear facility on the environment with proper authorities, and with the society;

10) information about radioactive waste management at the nuclear facility at the commissioning stage.

2.2. The applicant's declaration of the performance of the required acceptances, preoperational tests, and examinations of the systems, structures and components, having significant importance for ensuring nuclear safety and radiation protection, at the construction stage of the nuclear facility, as well as of the readiness of the nuclear facility for commissioning.

2.3. A nuclear facility commissioning program, as mentioned in Article 37a Section 2 of the Act.

2.4. A list and characteristics of the content of commissioning procedures for a nuclear facility, and the following commissioning procedures:

2.4.1. In the case of a research reactor and a nuclear power plant:

- 1) a procedure or procedures of physical commissioning of the reactor, including the tests of fuel loading and subcriticality, as well as the initial tests of criticality and low-power operation;
- 2) proper commissioning procedures, as mentioned in § 19 Section 2 of Regulation of the Council of Ministers of 11 February 2013 on requirements for the commissioning and operation of nuclear facilities (Dz. U. item 281).

2.4.2. In the case of a nuclear power plant—a procedure of performing power tests of the power unit.

2.5. In the case of a nuclear power plant or a research reactor—a nuclear fuel reloading program, as mentioned in § 19 Section 3 of the Regulation of the Council of Ministers of 11 February 2013 on requirements for the commissioning and operation of nuclear facilities, for first loading of nuclear fuel, as well as computational characteristics of the reactor for the first fuel campaign in terms of neutron physics and heat flow.

2.6. A list and characteristics of the content of the following operating procedures of the nuclear facility:

- 1) procedures of normal operation;
- 2) emergency procedures;

3) in the case of a nuclear power plant—guidelines for managing severe accidents.

2.7. A list and characteristics of the content of the ex-post documentation of a nuclear facility.

2.8. A list and characteristics of the content of the documentation of preoperational tests of systems as well as structures and components of a nuclear facility performed during the construction of the nuclear facility.

2.9. The applicant's declaration that the applicant and other participants in the commissioning of a facility performing actions of significant importance for ensuring nuclear safety and radiation protection employ a sufficient number of workers with qualifications required for the commissioning and operating stages of this facility, along with a list specifying the qualifications of individual workers who are to perform actions of significant importance for ensuring nuclear safety or radiation protection, along with the copies of documents which confirm obtaining the required authorization.

2.10. A short-term personnel training plan, and a long-term personnel training plan, as mentioned in Article 11b of the Act.

2.11. In the case of a nuclear power plant—a proposal of the dates of periodic personnel trainings, an updated recruitment plan, and a description of preliminary training and periodic training programs for workers assigned to positions in the nuclear power plant, in which actions of significant importance for ensuring nuclear safety and radiation protection are performed at its commissioning and operating stages, in particular indicating their compliance with the provisions issued on the basis of Article. 12d Section 8 of the Act.

2.12. An indication of the regional parliament's resolution on establishing a limited use area, as mentioned in Article 135 Section 2 of the Act of 27 April 2001—Environmental Protection Law (Dz. U. of 2020 item 1219, as amended³).

2.13. An integrated permit, as mentioned in Article 201 of the Act of 27 April 2001—Environmental Protection Law.

2.14. Documentation describing an integrated management system, as mentioned in Article 36k of the Act, for the commissioning stage of a nuclear facility, including the actions of all participants in the commissioning of the nuclear facility performing actions which are of significant importance for ensuring nuclear safety and radiation protection, indicating that this system promotes and supports safety culture in the applicant's organizational entity, as well as among the providers and contractors participating in the commissioning, including in particular:

- 1) a description of the management structure, presenting the elements of the integrated management system involving effective supervision of the executives in order to ensure nuclear safety and radiation protection at the commissioning stage of the nuclear facility, in particular—the tasks and relationships between organizational entities responsible for the design, the supplies of equipment, the performance of construction and assembly operations, as well as the commissioning operations;
- 2) a description of the requirements for ensuring a sufficient number of properly qualified workers for the needs of commissioning;
- 3) a description of the strategy aimed at developing, maintaining, and strengthening of safety culture;
- 4) a description of a quality assurance program for the commissioning stage, including at least:
 - a) a description of the process of developing and approving procedures for: performing commissioning tests and examinations, monitoring the performance of these tests and examinations, as well as assessing and approving their results,
 - b) a description of the manner of dealing with cases when the results of tests or examinations do not fully correspond with design requirements,
 - c) audits and inspections proposed in order to ensure that the safety policy of the organizational entity is being efficiently implemented, and that the conclusions are drawn on the basis of the experience of a given organizational entity and the experience of other organizational entities, in order to improve the status of nuclear safety and radiation protection;

³Amendments to the uniform text of the said act were announced in Dz. U. of 2020 items 1378, 1565, 2127 and 2338, and of 2021 items 802, 868, 1047, 1162, 1535, 1642 and 1648.

5) a safe management program for radioactive waste and spent nuclear fuel, as mentioned in provisions issued on the basis of Article 38 of the Act, including at least the descriptions of:

- a) the sources of solid, liquid, and gaseous radioactive waste, along with data on the rate of production and the amount of the accumulated waste,
- b) the means of controlling and limiting the amount of radioactive waste generated at the nuclear facility, including the manners of categorizing, registering, and segregating the waste,
- c) characteristics of radioactive waste with a varying state of aggregation and levels of activity,
- d) technical methods and measures for processing, conditioning, transporting, and storing of radioactive waste.

2.15. A radiation protection program and radiation protection procedures, fulfilling the requirements specified in § 9 of Regulation of the Council of Ministers of 11 February 2013 on requirements for the commissioning and operation of nuclear facilities.

2.16. A description of the rules, and the manner of monitoring of the releases of radioactive substances into the environment, and an environmental radiation monitoring program, as mentioned in Article. 86o of the Act.

2.17. Information about the level of radioactive isotope activity concentrations in soil, surface waters, groundwaters, atmospheric air, and water intended for human consumption, food products and living organisms, as well as the dose rate distributions of beta and gamma background ionizing radiation in the area of the site of the nuclear facility, valid as of the day of submitting the application.

2.18. A description of the structure and functioning of a section or a team appointed in the organizational entity to be responsible for maintaining knowledge about the design of the nuclear facility for the whole life of the facility.

2.19. A draft of the physical protection system for the nuclear facility and nuclear materials.

2.20. A description of the registering and monitoring system for nuclear materials in the nuclear facility.

2.21. A nuclear facility decommissioning program, updated with regard to the construction stage of the nuclear facility.

2.22. The documents mentioned in Article 38g Section 2 of the Act.

2.23. An opinion of the European Commission issued on the basis of Article 37 of the Euratom Treaty.

2.24. A management plan of chemical waste generated when commissioning the nuclear facility.

2.25. A program of regulation and control of the water-chemical and radiochemical regime of systems and the equipment of the nuclear facility, as mentioned in § 12 of Regulation of the Council of Ministers of 11 February 2013 on requirements for the commissioning and operation of nuclear facilities.

2.26. A fire protection program, as mentioned in § 14 of Regulation of the Council of Ministers of 11 February 2013 on requirements for the commissioning and operation of nuclear facilities.

2.27. A plan of rescue and fire-fighting operations, as mentioned in § 17 Section 2 of the Regulation of the Council of Ministers of 11 February 2013 on requirements for the commissioning and operation of nuclear facilities.

2.28. The applicant's declaration confirming the implementation of procedures mentioned in § 15 of Regulation of the Council of Ministers of 11 February 2013 on requirements for the commissioning and operation of nuclear facilities.

2.29. A description of the organization and the detailed rules of functioning of an on-site fire brigade, along with the presentation of data about the proper number of workers and the necessary equipment.

2.30. Procedures establishing the obligations and actions of the workers of the nuclear facility in the case of a fire occurring during commissioning, as mentioned in § 16 of Regulation of the Council of Ministers of 11 February 2013 on requirements for the commissioning and operation of nuclear facilities.

2.31. Decisions issued by the President of the Office of Technical Inspection, allowing for the operation of technical devices and other devices of the nuclear facility specified in the provisions issued on the basis of Article 5 Section 4 of the Act of 21 December 2000 on technical inspection.

2.32. In the case of an application for the issuance of a license to perform an exposure-related activity involving the commissioning of a nuclear power plant—additionally, proof of payment of the fee for reviewing the application, as mentioned in Article 39 Section 2 Item 2 of the Act.

2.33. A list of contractors and providers of technical devices or other devices of the nuclear facility, chosen by the applicant by the time of submitting the application, as mentioned in the provisions issued on the basis of Article 5 Section 4 of the Act of 21 December 2000 on technical inspection, as well as the contractors for the operations performed when commissioning the facility, in particular with respect to these technical devices or other devices of the nuclear facility which are important in terms of ensuring nuclear safety and radiation protection and their safe functioning, along with information about procurements which have been or are to be arranged with these contractors and providers.

2.34. In the case when an applicant has submitted an application for the issuance of a general opinion, as mentioned in Article 39b Section 1 of the Act—a description of changes in the factual circumstances specified in this application.

2.35. In the case of a nuclear energy facility—a ruling involving the approval of conditions for the implementation of the project, as mentioned in Article. 90 Section 1 of the Act of 3 October 2008 on sharing information on the environment and its protection, the participation of society in environmental protection, and environmental impact assessments.

2.36. A nuclear facility construction permit, as mentioned in the Act of 7 July 1994—Construction Law (Dz. U. 2020 item 1333, as amended⁴).

3. Documents attached to an application for the issuance of a license to perform an exposure-related activity involving the operation of a nuclear facility.

3.1. A safety report for the operating stage of the nuclear facility (OSR).

3.1.1. An OSR for a nuclear facility other than a research reactor, including information presented in the ISR, updated with information and safety assessments from the commissioning stage of the nuclear facility, and the descriptions of operational aspects of the facility which are of significant importance for ensuring nuclear safety and radiation protection, including:

3.1.1.1. Information regarding detailed descriptions of systems as well as structures and components of the nuclear facility, including an updated description of the as-built state, specifying possible changes introduced at the commissioning stage, having significant importance from the point of view of ensuring nuclear safety and radiation protection.

3.1.1.2. Information regarding safety analyses of the nuclear facility, including an updated description taking into account possible safety analyses which have been added or modified compared to the analyses included in the ISR, especially in relation to changes introduced at the commissioning stage of the nuclear facility which are of significant importance from the point of view of ensuring nuclear safety and radiation protection.

3.1.1.3. Information regarding the results of the commissioning of the nuclear facility, including a description of the results of commissioning which are of significant importance for ensuring nuclear safety and radiation protection, in particular with respect to the results of tests and measurements, and the verification of the operating limits and conditions, as mentioned in § 32 Section 1 Items 3 and 4 of Regulation of the Council of Ministers of 11 February 2013 on requirements for the commissioning and operation of nuclear facilities.

3.1.1.4. Information regarding the aspects of operation of the nuclear facility.

3.1.1.4.1. Descriptions of management-related procedures used by the organizational entity performing an activity involving the operation of the nuclear facility, including:

1) a list of procedures related to management, with a concise description of their intended use and content;

2) procedures related to the management of the aspects of nuclear safety and radiation protection;

3) the procedure of developing, approving, and implementing the operating procedures;

⁴Amendments to the uniform text of the said act were announced in Dz. U. of 2020 items 2127 and 2320, and of 2021 items 11, 234, 282, and 784.

- 4) the procedure of introducing changes in the procedures mentioned in points 1–3;
- 5) the procedure of creating, accepting, categorizing, inspecting, storing, sharing, updating, modifying, and deleting operational documents and reports—in particular listed in § 43 of Regulation of the Council of Ministers of 11 February 2013 on requirements for the commissioning and operation of nuclear facilities.

3.1.1.4.2. Lists and characteristics of the content of operating procedures verified at the commissioning stage.

3.1.1.4.2.1. Lists and characteristics of the content of procedures of normal operation, sufficient to ensure the operation of the nuclear facility within the scope of operating limits and conditions.

3.1.1.4.2.2. Lists and characteristics of the content of emergency operating procedures, with a justification for the selected approach (with references in proper places to suitable safety analyses).

3.1.1.4.3. In the case of a nuclear power plant—updated guidelines for managing severe accidents, including in particular:

- 1) determination of criteria for proceeding from emergency operating procedures to guidelines for managing severe accidents;
- 2) a list and characteristics of guidelines for managing severe accidents.

3.1.1.4.4. A description of organizational and technical undertakings used during periodic shutdowns of the nuclear facility, especially for maintenance or repair, and in the case of a nuclear power plant—also for nuclear fuel reloading, in order to ensure nuclear safety and radiation protection in these periods, taking into account the requirements specified in particular in § 45 of Regulation of the Council of Ministers of 11 February 2013 on requirements for the commissioning and operation of nuclear facilities.

3.1.1.4.5. Descriptions related to the maintenance and repairs, inspection and monitoring of the technical condition, as well as the tests and examinations of systems, construction elements and installations of the nuclear facility which are of significant importance for ensuring nuclear safety or radiation protection at the operating stage, including:

- 1) a list of systems, structures and components of the nuclear facility which are of significant importance for ensuring nuclear safety or radiation protection, which require monitoring of their technical condition;
- 2) a description of the methods of identifying, planning, performing, inspecting, and assessing the maintenance actions (preventive maintenance) and repairs, inspection and control of the technical condition, as well as tests and examinations which present impact on reliability and nuclear safety;
- 3) a description of the content of a technical condition inspection program for systems, structures and components of the nuclear facility which are of significant importance for ensuring nuclear safety or radiation protection;
- 4) a justification for the correctness of the scope of inspecting the technical condition of the systems, structures and components of the nuclear power plant during use, taking into account inspections of the integrity of primary and secondary cooling systems;
- 5) specification of tests and examinations whose performance could adversely affect the safety functions of the nuclear facility, establishing the schedule of their performance and the manner of ensuring that such tests or examinations are commenced and performed within the permitted time, and a description of the methods of assessment of such tests and examinations.

3.1.1.4.6. Information about the management strategy of the ageing of the nuclear facility, updated with regard to the ISR.

3.1.1.4.7. A description of the identification, planning, performance, inspection, assessment, and documentation of any modernizations or modifications of the nuclear facility introduced during its life cycle.

3.1.1.4.8. A description of the content of a program for managing human factors which affect the operation of the nuclear facility.

3.1.1.4.9. A description of the content of the program of using operational experience from operating one's own nuclear facility and other similar nuclear facilities—taking into account the requirements specified in particular in § 44 of

Regulation of the Council of Ministers of 11 February 2013 on requirements for the commissioning and operation of nuclear facilities.

- 3.1.1.5. With respect to the operating limits and conditions of the nuclear facility—a proposed update of the operating limits and conditions of the nuclear facility, in accordance with the provisions issued on the basis of Article 38 of the Act, in particular taking into account possible modifications due to the results of commissioning or the results of additional or modified safety analyses, as mentioned in Item 3.1.1.2.
- 3.1.1.6. With respect to radiation protection in the nuclear facility—a description of the rules of conduct and the manner of implementing the principle of optimization of exposure to ionizing radiation by the organizational entity performing an activity involving the operation of the nuclear facility, indicating in particular that this principle has been implemented in accordance with the requirements specified in Article 9 of the Act, and the provisions issued on the basis of Article 38 of the Act.
- 3.1.1.7. Descriptions involving preparations at the operating stage of the nuclear facility.
 - 3.1.1.7.1. A description of the entirety of damage-control measures taken in order to limit the exposure of workers and members of the, including at least:
 - 1) organization of emergency response on the premises of the facility, and cooperation with proper authorities and services involved in emergency response, with an indication of the functions, authorizations, and responsibilities of individual people—according to the system for managing the emergency situations;
 - 2) the identification, classification, and announcement of emergencies;
 - 3) assessment of the initial phase of an accident and the current condition of the facility;
 - 4) initiating damage control measures, notifying proper authorities and services;
 - 5) the performance of actions mitigating the accident;
 - 6) taking protective actions on the premises of the facility;
 - 7) the conditions of cooperation with local services, responsible for taking actions in emergency planning zones;
 - 8) protection of the workers of the facility and the members of emergency teams, as well as the management of medical assistance on the premises of the facility;
 - 9) informing the public.
 - 3.1.1.7.2. A description indicating that the organizational entity performing an activity involving the operation of the nuclear facility possesses sufficient measures for:
 - 1) early detection, monitoring, and assessment of emergency conditions, under which damage-control measures are necessary in order to mitigate the accident consequences and protect the workers of the facility, along with the recommendation of suitable external protective actions to proper authorities;
 - 2) prediction of the type, range, and scale of releases of radioactive substances in the case of an accident;
 - 3) effective continuous assessment of radiation conditions on the premises and outside the facility.
- 3.1.1.8. Procedures related to the environmental impact of the nuclear facility at the operating stage.
 - 3.1.1.8.1. The procedure of maintaining and storing registers of releases of radioactive substances into the environment from the nuclear facility, as mentioned in Article 52 of the Act.
 - 3.1.1.8.2. The procedure of sharing proper data on the radiation-related environmental impact of the nuclear facility with proper authorities and the society.
 - 3.1.1.8.3. The procedure of sharing proper data on the environmental impact of the nuclear facility unrelated to radiation with proper authorities and the society.
- 3.1.1.9. Information regarding radioactive waste management in the nuclear facility at the operating stage.
 - 3.1.1.9.1. A safe management program for radioactive waste and spent nuclear fuel, as mentioned in provisions issued on the basis of Article 38 of the Act, including at least the descriptions of:

- 1) the sources of solid, liquid, and gaseous radioactive waste, along with the data on the rate of production and the amount of the accumulated waste;
- 2) characteristics of radioactive waste with a varying state of aggregation and levels of activity;
- 3) technical methods and measures used when processing, transporting, and storing radioactive waste.

3.1.1.9.2. A description of the means of monitoring and limiting the amount of radioactive waste generated in the nuclear facility, including the manners of categorizing, registering, and segregating the waste.

3.1.1.9.3. A description of the technical methods and measures for processing, conditioning, transporting, storing, and shipping of radioactive waste.

3.1.1.9.4. The management strategy of spent nuclear fuel from the point of view of nuclear safety and radiation protection, including in particular its temporary storage on the premises of the nuclear facility, and—depending on the selected option—the ultimate disposal of spent fuel or high-level radioactive waste resulting from its reprocessing.

3.1.1.10. Other information and descriptions important for ensuring nuclear safety and radiation protection.

3.1.2. An OSR for the research reactor with the following scope:

- 3.1.2.1. An introduction and the general characteristics of the reactor.
- 3.1.2.1.1. A general description of the research reactor.
- 3.1.2.1.2. The technological history of the reactor.
- 3.1.2.1.3. Comparison with other research reactors operating in the world.
- 3.1.2.1.4. Safety features of the research reactor.
- 3.1.2.1.5. An application program for operating the research reactor.
- 3.1.2.2. A description of safety objectives and design criteria.
- 3.1.2.2.1. Safety objectives and design criteria.
- 3.1.2.2.2. Categorization of systems as well as the structures and components.
- 3.1.2.2.3. Design criteria related to external incidents.
- 3.1.2.2.4. Design solutions for fire protection.
- 3.1.2.2.5. Qualification of systems as well as the structures and components.
- 3.1.2.3. Demographic and environmental data important for operating the reactor.
- 3.1.2.3.1. General characteristics of the site of the research reactor.
- 3.1.2.3.2. External incidents.
- 3.1.2.3.3. Geology and seismology.
- 3.1.2.3.4. Meteorology.
- 3.1.2.3.5. Hydrology.
- 3.1.2.3.6. Demography.
- 3.1.2.3.7. The natural environment, and the use of land and water.
- 3.1.2.3.8. Atmospheric dispersion of radioactive materials.
- 3.1.2.3.9. Dispersion of radioactive materials by surface waters and groundwaters.
- 3.1.2.3.10. Conditions for emergency planning and protective actions related to the site of the facility.
- 3.1.2.3.11. Monitoring of parameters related to the site of the facility.
- 3.1.2.3.12. An environmental radiation monitoring program, as mentioned in Article 860 of the Act.

- 3.1.2.4. The construction and structure of the reactor building.
- 3.1.2.4.1. The reactor building.
- 3.1.2.4.2. Auxiliary facilities.
- 3.1.2.4.3. Technological ventilation systems.
- 3.1.2.5. The construction of the reactor.
- 3.1.2.5.1. The reactor core.
- 3.1.2.5.2. Neutronic characteristics.
- 3.1.2.5.3. Reactivity characteristics.
- 3.1.2.5.4. Heat flow characteristics.
- 3.1.2.5.5. Structural materials of the reactor.
- 3.1.2.6. The reactor cooling system and its related systems.
- 3.1.2.6.1. The primary cooling system.
- 3.1.2.6.2. Auxiliary systems of the primary system.
- 3.1.2.6.3. The secondary cooling system.
- 3.1.2.6.4. Auxiliary systems of the secondary system.
- 3.1.2.6.5. The moderator cooling system.
- 3.1.2.6.6. The emergency reactor cooling system.
- 3.1.2.7. Safety systems.
- 3.1.2.8. Control, safeguarding, and technological monitoring systems.
- 3.1.2.8.1. The equipment of the safeguarding system.
- 3.1.2.8.2. The reactor power control system.
- 3.1.2.8.3. The equipment of the technological monitoring system.
- 3.1.2.8.4. Other important assemblies of control and monitoring systems.
- 3.1.2.8.5. The control room.
- 3.1.2.9. The electrical energy supply system.
- 3.1.2.9.1. Connection of the reactor to the national power system.
- 3.1.2.9.2. The basic power supply.
- 3.1.2.9.3. The emergency power supply.
- 3.1.2.9.4. Wires and wiring ducts.
- 3.1.2.10. Auxiliary systems and devices of the reactor.
- 3.1.2.10.1. Storage and transport of nuclear fuel.
- 3.1.2.10.2. Water installations.
- 3.1.2.10.3. Auxiliary technological systems.
- 3.1.2.10.4. Heating, ventilation, and air conditioning systems.
- 3.1.2.10.5. Fire protection systems.
- 3.1.2.10.6. Other auxiliary systems.
- 3.1.2.11. The experimental devices and equipment of the reactor.

- 3.1.2.12. Radiation protection.
- 3.1.2.12.1. The radiation protection program.
- 3.1.2.12.2. Sources of hazards in the reactor facility during normal operation.
- 3.1.2.12.3. Principles of radiation protection valid in the research reactor.
- 3.1.2.12.4. Controlling the exposure in the vicinity of the reactor during normal operation.
- 3.1.2.13. Radioactive waste management.
 - 3.1.2.13.1. A forecast involving the generation of radioactive waste divided into categories.
 - 3.1.2.13.2. The sources and characteristics of radioactive waste in the reactor.
 - 3.1.2.13.3. The movement of radioactive waste in the reactor building.
 - 3.1.2.13.4. The management of radioactive waste.
 - 3.1.2.13.5. The waste control system in the reactor.
- 3.1.2.14. The operation of the research reactor.
 - 3.1.2.14.1. The organizational structure.
 - 3.1.2.14.2. Personnel trainings, and obtaining of the required authorizations.
 - 3.1.2.14.3. Operating procedures and instructions.
 - 3.1.2.14.4. Repairs, periodic inspections, and controls.
 - 3.1.2.14.5. Operating documentation.
 - 3.1.2.14.6. The use of operational experience.
 - 3.1.2.14.7. Physical protection.
- 3.1.2.15. The integrated management system.
- 3.1.2.16. Safety analyses.
 - 3.1.2.16.1. Characteristics of the reactor.
 - 3.1.2.16.2. Selected postulated initiating events.
 - 3.1.2.16.3. Analysis of the postulated initiating events.
 - 3.1.2.16.4. Probabilistic safety analyses.
 - 3.1.2.16.5. Summary and conclusions.
- 3.1.2.17. Operating limits and conditions.
 - 3.1.2.17.1. Safety limits.
 - 3.1.2.17.2. Settings of safety systems.
 - 3.1.2.17.3. Limits and conditions for normal operation.
 - 3.1.2.17.4. Requirements for reviews, inspections, and tests.
 - 3.1.2.17.5. Administrative requirements.
- 3.1.2.18. Information on future decommissioning of the reactor.
- 3.1.2.19. Emergency planning.
 - 3.1.2.19.1. Analysis of hazards.
 - 3.1.2.19.2. The emergency response plan.
 - 3.1.2.19.3. Emergency procedures.

- 3.1.2.19.4. Emergency equipment.
- 3.1.2.19.5. Monitoring of exposure in the case of a radiation emergency.
- 3.1.2.19.6. A program of trainings and exercises in the field of responding to radiation emergencies.
- 3.1.2.19.7. Organization of radiation monitoring in the case of a radiation emergency.
- 3.1.2.19.8. Organization of medical assistance in the case of a radiation emergency.
- 3.1.2.20. The documents listed in items 3.1.1.4–3.1.1.9, and with respect to a research reactor which has not yet been operated — also the documents listed in Items 3.1.1.1–3.1.1.3.
- 3.2. A report on updated probabilistic safety analyses of the 1st and 2nd level, taking into account changes introduced at the construction and commissioning stages of the nuclear facility.
- 3.3. A nuclear facility commissioning report, as mentioned in Article 37b Section 2 of the Act.
- 3.4. The applicant's declaration of the performance of required commissioning tests of the systems, structures and components of the nuclear facility, which are of significant importance for ensuring nuclear safety and radiation protection, the positive results of these commissioning tests—in particular from the point of view of fulfilling the requirements of nuclear safety and radiation protection—as well as of the readiness of the facility for operation.
- 3.5. The applicant's declaration of employing a sufficient number of workers having qualifications required of them at the operating stage of the nuclear facility, along with a list specifying the qualifications of individual workers who are to perform actions which have significant importance for ensuring nuclear safety or radiation protection, along with the copies of documents which confirm obtaining the required authorization.
- 3.6. A list of the commissioning documentation of the nuclear facility, which in the case of a nuclear power plant includes at least the test results mentioned in § 27 Items 2 and 3 of Regulation of the Council of Ministers of 11 February 2013 on requirements for the commissioning and operation of nuclear facilities.
- 3.7. The documents listed in items 2.6, 2.9–2.11, 2.15–2.21, 2.26–2.31, and 2.33, updated in particular on the basis of the results of commissioning of the nuclear facility, and if not updated in their entirety—additionally, the applicant's declaration including a list of documents which have not been updated.
- 3.8. In the case of a nuclear power plant—additionally, an operational program including a power generation plan, and a plan of repairs for a period of at least 10 years.
- 3.9. In the case of a nuclear power plant or a research reactor—additionally, a description of the planned nuclear fuel management strategy in the reactor core.
- 3.10. A program of maintenance and repairs, examinations, inspections, and monitoring of the systems as well as structures and components of the nuclear facility which are of significant importance for ensuring nuclear safety and radiation protection, as mentioned in § 37 of Regulation of the Council of Ministers of 11 February 2013 on requirements for the commissioning and operation of nuclear facilities, and the procedures related to this program, including at least the procedures related to the reactor, the devices of the reactor cooling system, and safety systems.
- 3.11. Procedures mentioned in § 45 Section 1 of the Regulation of the Council of Ministers of 11 February 2013 on requirements for the commissioning and operation of nuclear facilities.
- 3.12. In the case of an application for the issuance of a license to perform an exposure-related activity involving the operation of a nuclear power plant — additionally, proof of payment of the fee for reviewing the application, as mentioned in Article 39 Section 2 Item 2 of the Act.
- 3.13. Documentation describing an integrated management system at the operating stage of the nuclear facility, as mentioned in Article 36k of the Act, including the organizational entity of the applicant and the entities of the providers of goods and services for the needs of operation, which are of significant importance for ensuring nuclear safety and radiation protection, the priority of nuclear safety by ensuring that all decisions are made after an analysis of their impact on nuclear safety, radiation protection, physical protection, and the safeguards of nuclear materials, and indicating that this system promotes and supports safety culture in the organizational

entity of the applicant, and in the entities of the providers of goods and services.

- 3.13.1. A description of the management structure, with a presentation of and a justification for achieving effective supervision of the executives in order to ensure nuclear safety and radiation protection at the operating stage of the nuclear facility, including in particular descriptions of the tasks and relationships between the entities mentioned in Item 3.13.
- 3.13.2. A description of requirements related to ensuring a sufficient number of properly qualified workers for the needs of operation, and requirements related to the provision of goods and services for the needs of operation with the required quality.
- 3.13.3. A description of the strategy aimed at developing, maintaining, and strengthening of safety culture.
- 3.13.4. A description of the quality assurance program for the operating stage, including the actions of all providers and contractors of services and goods for the needs of operation.
- 3.13.5. Other elements of documentation describing the integrated management system.
- 3.14. The documents mentioned in Article 38g Section 2 of the Act.
- 3.15. In the case when the applicant has submitted an application for the issuance of a general opinion, as mentioned in Article 39b Section 1 of the Act—a description of changes in the factual circumstances specified in this application.
- 3.16. Procedures establishing the obligations and actions of the workers of a nuclear facility in the case of a fire occurring during operation, as mentioned in § 16 of Regulation of the Council of Ministers of 11 February 2013 on requirements for the commissioning and operation of nuclear facilities.
- 3.17. A management plan of chemical waste generated when operating the nuclear facility.
- 3.18. A description of the structure and functioning of a section or a team appointed in the organizational entity to be responsible for maintaining knowledge about the design of the nuclear facility for the whole life cycle of the facility.

4. Documents attached to an application for the issuance of a license to perform an exposure-related activity involving the decommissioning of a nuclear facility.
- 4.1. An updated nuclear facility decommissioning program, including at least:
 - 1) a description of the nuclear facility, including its technological systems as well as the structures and components in the state before its decommissioning;
 - 2) the history of operation of the nuclear facility, the reasons behind its decommissioning, and the planned use of the facility and its premises during and after decommissioning, taking into account the changes which occurred in its surroundings during the operation, and the predicted impact of decommissioning operations on the surroundings;
 - 3) a description of the proposed decommissioning operations, along with their timetable, and the date planned for the commencement of decommissioning operations;
 - 4) a justification for choosing the adopted decommissioning strategy, the proposed methods, and the scope of work, as well as the technological procedures for their performance, taking into account their availability and verification in practice, as well as the objectives of decommissioning, along with a description of radiation criteria which are to be taken into account when decommissioning the nuclear facility;
 - 5) a description of the rules, and the manner of monitoring of the releases of radioactive substances into the environment, and an environmental radiation monitoring program in the surroundings of the nuclear facility;
 - 6) a description of the experience, resources, and organizational structure of the organizational entity submitting an application for a decommissioning license, with an indication of the scopes of responsibility and a description of the technical qualifications of the workers;

- 7) an assessment of the availability of required special services, technical support, and technologies, in particular with respect to the technology of decontamination as well as disassembly and cutting, including remotely controlled devices for the safe performance of work;
- 8) a description of a quality assurance program for the decommissioning stage of the facility;
- 9) an assessment of the amount, type, and places within the facility with radioactive substances and dangerous nonradioactive substances, by determination of their activity, toxicity, mass, volume, and physical and chemical form, respectively, including a description of computational methods and measurements used to determine the amount of each of these substances;
- 10) determination of the types and amounts of radioactive waste which will be created during decommissioning, as well as a description of radioactive waste management, taking into account its elimination, in particular along with the following elements:
 - a) determination and characteristics of the sources, types, and volume of waste, including radioactive waste,
 - b) segregation criteria for materials,
 - c) the methods proposed for the processing, conditioning, transport, disposal, and elimination of waste,
 - d) the possibilities of reusing and recycling of materials,
 - e) predicted releases of radioactive substances and dangerous nonradioactive substances into the environment;
- 11) a management plan of irradiated nuclear fuel and other nuclear materials;
- 12) a description of preparation for a radiation emergency, with an analysis of possible unexpected radiation emergencies and hazards;
- 13) a description of the monitoring program as well as the equipment and methods which will be used to check whether the premises of the nuclear facility fulfill the exemption criteria for unrestricted access;
- 14) details related to the estimation of decommissioning costs, including those of waste management, and in the case of a nuclear power plant—also financial resources gathered as the decommissioning funds required to pay the costs of decommissioning.

4.2. Documentation describing an integrated management system, as mentioned in Article 36k of the Act, at the decommissioning stage of the nuclear facility, indicating the priority of nuclear safety by ensuring that all decisions are made upon an analysis of their impact on nuclear safety, radiation protection, physical protection, and safeguarding of nuclear materials, and indicating that this system promotes and supports safety culture in the organizational entity; in particular, the documentation shall include a decommissioning management program, as mentioned in provisions issued on the basis of Article. 38c Section 3 of the Act.

4.3. A safety report for the decommissioning stage of the nuclear facility, including in particular assessments of safety and environmental impact with respect to the individual decommissioning stages of the nuclear facility, including radiation exposure and other hazards to the health of workers, members of the, and the environment, along with a description of radiation protection procedures suggested for use when performing decommissioning operations.

4.4. A decision on environmental determinants, as mentioned in the Act of 3 October 2008 on sharing information on the environment and its protection, the participation of society in environmental protection, and environmental impact assessments.

4.5. The documents mentioned in Article. 38g Section 2 of the Act.

4.6. A plan of the physical protection system for the nuclear facility and nuclear materials.

4.7. A description of the system for the register and monitoring of nuclear materials in the nuclear facility.

4.8. The applicant's declaration of employing a sufficient number of workers with qualifications required for the

decommissioning stage of the nuclear facility, along with a list specifying the qualifications of individual workers, and with the copies of documents which confirm obtaining the required authorization.

- 4.9. An opinion of the European Commission issued on the basis of Article 37 of the Euratom Treaty.
- 4.10. Decommissioning procedures mentioned in provisions issued on the basis of Article 38c Section 3 of the Act.
- 4.11. In the case when an applicant has submitted an application for the issuance of a general decision, as mentioned in Article 39b paragraph 1 of the Act—a description of changes in the factual circumstances specified in this application.
- 4.12. A list of contractors and providers of technical devices or other devices of the nuclear facility, chosen by the applicant by the time of submitting the application, specified in provisions issued on the basis of Article. 5 Section 4 of the Act of 21 December 2000 on technical inspection, as well as the contractors for the operations performed when decommissioning the nuclear facility, in particular with respect to technical devices as well as the devices and operations important for ensuring nuclear safety and radiation protection as well as the safe functioning of the devices, along with information about procurements which are to be arranged with these contractors and providers.
- 4.13. An updated short-term personnel training plan, and a long-term plan of preliminary and periodic personnel training, as mentioned in Article. 11b of the Act.
- 4.14. A personnel training program involving nuclear safety and radiation protection, as mentioned in Article 11 Section 2 of the Act.
- 4.15. A description of the structure and functioning of a unit or a team appointed in the organizational entity to be responsible for maintaining knowledge about the design of the nuclear facility for the whole life cycle of the facility.
- 4.16. Documents additionally attached to an application for the issuance of a license to perform an exposure-related activity involving the decommissioning of a nuclear power plant.
 - 4.16.1. Proof of payment of the fee for reviewing the application, as mentioned in Article 39 Section 2 Item 4 of the Act.
 - 4.16.2. In the case of a nuclear power plant—an updated recruitment plan for workers assigned to positions in the nuclear power plant, in which actions of significant importance for ensuring nuclear safety and radiation protection are performed at its decommissioning stage, in particular in accordance with the requirements of regulation of the Council of Ministers of 10 August 2012 on actions which are of significant importance for ensuring nuclear safety and radiation protection in an organizational entity performing an activity involving the commissioning, operation or decommissioning of a nuclear power plant.

Appendix no. 3

DOCUMENTS ATTACHED TO AN APPLICATION FOR THE ISSUANCE OF A LICENSE TO PERFORM AN EXPOSURE-RELATED ACTIVITY INVOLVING THE CONSTRUCTION, OPERATION OR CLOSURE OF RADIOACTIVE WASTE REPOSITORIES

1. Documents attached to an application for the issuance of a license to perform an exposure-related activity involving the construction of a radioactive waste repository.
- 1.1. A decision on land development and management conditions, or a map and an extract from a local spatial development plan, taking into account the land property chosen for the radioactive waste repository.
- 1.2. An opinion of the European Commission, issued on the basis of Article 37 of the Treaty establishing the European Atomic Energy Community, hereinafter: the ‘Euratom Treaty’.
- 1.3. A decision on environmental determinants, as mentioned in the Act of 3 October 2008 on sharing information on the environment and its protection, the participation of society in environmental protection, and environmental impact assessments (Dz. U. of 2021 items 247, 784, 922, 1211, and 1551).
- 1.4. An indication of the types of radioactive waste which will be disposed of in the waste repository, presenting the criteria of their approval for disposal.
- 1.5. A safety report, as mentioned in Article 53d Section 2 of the Act, along with a brief version of the report intended for promulgation in the Public Information Bulletin on the websites of the President of the National Atomic Energy Agency, including at least:
 - 1) a general description of the repository;
 - 2) an assessment of the site of the repository;
 - 3) general information on the design of the repository;
 - 4) a summary and assessment of the results of safety analyses for the repository;
 - 5) a description of the environmental impact of the repository;
 - 6) general aspects of the repository closure.
- 1.6. Documentation describing an integrated management system, as mentioned in Article. 55f of the Act, for the construction stage of the repository, including the actions of all participants in the preparation of this repository which are of significant importance for ensuring nuclear safety and radiation protection, indicating that this system promotes and supports safety culture in the organizational entity.
- 1.7. In the case of a radioactive waste repository intended for the disposal of radioactive waste containing nuclear materials—a draft of the physical protection system for nuclear materials.
- 1.8. The design of the radioactive waste repository, as mentioned in Article 55e of the Act.
- 1.9. A repository closure program, as mentioned in Article. 55j of the Act.
- 1.10. A response plan in the case of observed migration of radionuclides, indicating that objectives related to radiation protection may not be fulfilled.
- 1.11. A description of marking the area of the repository and the boundaries of individual facilities of the repository, along with three permanent benchmark points of reference to the national land surveying grid.
- 1.12. The applicant’s declaration of employing a sufficient number of workers with qualifications required for the construction stage of the radioactive waste repository, along with a list specifying the qualifications of individual workers, and with the copies of documents which confirm obtaining the required authorization.
- 1.13. An environmental condition research and monitoring plan on the premises and in the surroundings of the repository.
- 1.14. An environmental radiation monitoring program, as mentioned in Article 86o of the Act.
2. Documents attached to an application for the issuance of a license to perform an exposure-related activity involving the operation of a radioactive waste repository.

- 2.1. An updated safety report along with a description of changes introduced into this report in comparison with a report attached to an application for the issuance of a radioactive waste repository construction license.
- 2.2. A repository commissioning program.
- 2.3. Operating procedures and instructions for the repository, including primary operating methods and procedures for devices and systems affecting radiation safety and protection.
- 2.4. The proposed operating conditions and limitations.
- 2.5. The applicant's declaration of the performance of required acceptances, tests, and examinations of devices and technological systems affecting radiation safety and protection, and of the readiness of the repository for operation.
- 2.6. Documentation describing an integrated management system, as mentioned in Article 55f of the Act, for the operating stage of the repository, including the actions of the applicant's organizational entity which are of significant importance for ensuring radiation safety and protection, indicating that this system promotes and supports safety culture in the organizational entity.
- 2.7. The applicant's declaration of employing a sufficient number of workers with qualifications required for the operating stage of the radioactive waste repository, along with a list specifying the qualifications of individual workers, and with the copies of documents which confirm obtaining the required authorization.
- 2.8. An indication of the types of radioactive waste which will be disposed of in the waste repository, presenting the criteria of their approval for disposal.
- 2.9. A description of the organization of repair work.
- 2.10. The applicant's declaration of possessing ex-post documentation for devices, systems, and building structures.
- 2.11. The procedures of monitoring of the exposure of workers to ionizing radiation, as well as monitoring of the work environment and the surroundings of the repository.
- 2.12. An environmental condition research and monitoring plan on the premises and in the surroundings of the repository.
- 2.13. An environmental radiation monitoring program, as mentioned in Article. 86o of the Act.
- 2.14. In the case of a radioactive waste repository intended for the disposal of radioactive waste containing nuclear materials—a draft of the physical protection system.
- 2.15. A ruling involving the approval of conditions for the implementation of a project, as mentioned in Article 90 Section 1 of the Act of 3 October 2008 on sharing information on the environment and its protection, the participation of society in environmental protection, and environmental impact assessments, if issued.
- 2.16. A repository construction permit, as mentioned in the Act of 7 July 1994 — Construction Law Code (Dz. U. of 2020 item 1333, as amended⁵).
- 2.17. An operating permit for the repository, as mentioned in the Act of 7 July 1994 — Construction Law.
- 2.18. An updated repository closure program, approved by the President of the National Atomic Energy Agency.
3. Documents attached to an application for the issuance of a license to perform an exposure-related activity involving the closure of a radioactive waste repository.
 - 3.1. A justification for closing the repository.
 - 3.2. A list of radioactive waste present in the repository (type, volume, and activity).
 - 3.3. An updated safety report.
 - 3.4. An updated repository closure program, approved by the President of the National Atomic Energy Agency.

⁵Amendments to the uniform text of the said act were announced in Dz. U. of 2020 items 2127 and 2320, and of 2021 items 11, 234, 282, and 784.

- 3.5. Documentation describing an integrated management system, as mentioned in Article 55f of the Act, for the closure stage of the repository, including the actions of the applicant's organizational entity which are of significant importance for ensuring radiation safety and protection, indicating that this system promotes and supports safety culture in the organizational entity.
- 3.6. An analysis of the exposure of workers participating in operations aimed at closing the repository to ionizing radiation.
- 3.7. An assessment of the exposure of people inhabiting the vicinity of the repository, performed for a period depending on the type of the waste being disposed of.
- 3.8. Geological engineering documentation and hydrogeological documentation for closure of the repository.
- 3.9. In the case of a radioactive waste repository intended for the disposal of radioactive waste containing nuclear materials—a draft of the physical protection system.
- 3.10. A decision on environmental determinants, as mentioned in the Act of 3 October 2008 on sharing information on the environment and its protection, the participation of society in environmental protection, and environmental impact assessments, if required.
- 3.11. An environmental radiation monitoring program, as mentioned in Article 86o of the Act.
- 3.12. An environmental radiation monitoring program following the closure of the repository.