

NUCLEAR SAFETY REQUIREMENTS

BSR-1.9.4-2019

‘RULES OF PROCEDURE FOR THE RADIATION PROTECTION TRAINING AND BRIEFING OF RADIATION WORKERS, RADIATION PROTECTION OFFICERS AND PHYSICAL SECURITY OFFICERS INVOLVED IN ACTIVITIES WITH SOURCES OF IONISING RADIATION IN THE NUCLEAR ENERGY AREA, AND FOR THE CERTIFICATION OF NATURAL PERSONS SEEKING TO OBTAIN THE RIGHT TO TEACH RADIATION PROTECTION’

CHAPTER I

GENERAL PROVISIONS

1. The Nuclear Safety Requirements BSR-1.9.4-2019 ‘Rules of procedure for the radiation protection training and briefing of radiation workers, radiation protection officers and physical security officers involved in activities with sources of ionising radiation in the nuclear energy area, and for of the certification of natural persons seeking to obtain the right to teach radiation protection’ (hereinafter – the Rules of Procedure) lay down the procedure for the organisation of the radiation protection training, training, examination of knowledge and briefing of radiation workers working with sources of ionising radiation in the nuclear energy area, including exposed workers (hereinafter – workers) working in a nuclear facility (hereinafter – the NF), radiation protection officers and physical security officers, and the procedure for the certification of natural persons seeking to obtain the right to teach radiation protection radiation workers and radiation protection officers, including the procedure for awarding the radiation protection attestation certificates. In addition, the Rules of Procedure specifies the necessary documents to be submitted for the certification, the list of the radiation protection topics and the documents and information confirming the improvement of qualification of the natural persons possessing attestation certificates.

2. The Rules of Procedure shall be binding on the persons referred to in Paragraph 1 of Article 1 of the Law on Radiation Protection of the Republic of Lithuania, who have registered the activity from in the List of the types of activities subject to registration presented in Annex 1 of the Law on Radiation Protection and hold a licence or temporary permit authorising activities with sources of ionising radiation (hereinafter – the source) in the nuclear energy area specified in Subparagraphs 1–4 of Paragraph 3 of Article 12 of the Law on Radiation Protection, on the legal entities holding licences specified in Subparagraphs of 2–7 Paragraph 1 of Article 22 of the Law on Radiation Protection (hereinafter collectively – the operators), on the persons, who provide radiation protection training (hereinafter – the radiation protection training providers), on the natural persons seeking to obtain the right to teach radiation protection, and on the natural persons, who hold valid attestation certificate to provide radiation protection training and those training persons specified in Subparagraph 1 of Paragraph 1 of Article 1 of the Law on Radiation Protection working for the operators engaged in the activities with sources of ionising radiation in the nuclear energy area, and the persons specified in Subparagraph 3 of Paragraph 1 of Article 1 of the Law on Radiation Protection (hereinafter – the attested persons).

3. The purpose of the radiation protection training of workers, radiation protection officers and physical security officers shall be to ensure the safe use of sources and the protection of workers, public and environment against harmful effects of ionising radiation.

CHAPTER III

REQUIREMENTS FOR THE OPERATORS REGARDING THE ORGANISATION OF THE RADIATION PROTECTION TRAINING AND BRIEFING OF RADIATION WORKERS, RADIATION PROTECTION OFFICERS AND PHYSICAL SECURITY OFFICERS

8. The physical security officers shall be provided with the radiation protection training before they start working, and later – instructed on the matters of radiation protection periodically,

but not less than once in a year according to the procedure established by the operator. The operators shall make and keep records on the provided radiation protection training specified in this paragraph of the Rules of Procedure. The recommended duration of retention of the records shall be not less than one year from the date of training.

9. Prior to commencement of activities and later – periodically the operators shall brief on radiation protection matters the persons specified in Paragraph 1 of Article 1 of the Law on Radiation Protection, who work for the operators engaged in activities with sources of ionising radiation in the nuclear energy area and the persons specified in Subparagraph 3 of Paragraph 1 of Article 1 of the Law on Radiation Protection. If exposure doses for the persons referred to in this paragraph, who carry out activities in the NF as outside workers actually cannot exceed the established dose limit for public exposure, because the operator temporarily does not engage in activities with sources of ionising radiation or in their vicinity, such persons may be briefed on radiation protection matters less frequently than once in a year, but not later than the commencement of the day of the activity, during which they will get exposure doses or are likely to be exposed to doses exceeding the established dose limit for public exposure.

10. If the radiation workers carry out activities in the NF as outside workers the undertaking shall brief the outside workers according to the procedure established in the Lithuanian Hygiene Standard HN 73:2018 ‘Basic Standards of Radiation Protection’ approved by Order No 663 of the Minister of Health of the Republic of Lithuania of 21 December 2001 on approval of the Lithuanian Hygiene Standard HN 73:2018 ‘Basic Standards of Radiation Protection’.

11. The operators shall ensure that during the briefing on radiation protection matters the radiation workers are informed about the ionising radiation related risks to their health from the activities they carry out in the controlled area of the NF and are acquainted with the requirements for radiation protection established in the local rules and procedures of the NF:

11.7. the effects of the occupational exposure on the foetus and the need for female employees to notify their employer about the pregnancy as early as possible. The female employees who intend to breastfeed shall be informed about the risks of exposure for the breastfed infants due to internal exposure or external radioactive contamination and the need to inform their employer as early as possible about this intention;

11.8. the significance of complying with technical, medical and administrative requirements.

13. The operators holding the licences specified in Subparagraphs 2–7 of Paragraph 1 of Article 22 of the Law on Nuclear Safety shall ensure that during briefing on radiation protection matters for their personnel and outside workers are provided with the information about the actions of employees in the cases of radiological and nuclear accidents in the NF and acquire practical skills of using measuring instruments and personal protective equipment necessary for work.

16. The radiation protection training providers shall have the right to provide non-formal adult education and continuing learning and comply with the Law on Non-formal Adult Education and Continuing Learning of the Republic of Lithuania, the Rules of Procedure and other legal acts of the Republic of Lithuania regulating radiation protection and non-formal education.

17.8. At least 1/3 of the initial training duration set in the training programmes specified in Annexes 1–4 of the Rules of Procedure shall be conducted in the form of contact hours.

22. The examination shall be conducted orally (hereinafter – the oral examination) or in writing providing questions in a type of a test (hereinafter – the test). The examination shall not be conducted in a remote manner. Questions for the oral examination shall be prepared by the radiation protection training provider. The radiation protection training providers shall ensure that examinees have no access to the questions before the examination.

32. For the person attributed to the groups of persons defined in Subparagraphs 18.1–18.5 of the Rules of Procedure, who holds a valid document equivalent to the radiation protection training certificate issued in the Republic of Lithuania, the radiation protection training and the radiation protection training certificate indicated in the Rules of Procedure shall not be mandatory until expiry of the radiation protection training certificate or equivalent document.

CHAPTER VIII FINAL PROVISIONS

57. The purpose of processing personal data referred to in Paragraph 37 of the Rules of Procedure shall be to identify, without ambiguity, the natural person, who applies to VATESI seeking to obtain the right to teach radiation protection, in order to assess whether the person meets the requirements established in Paragraph 1 of Article 27 of the Law on Radiation Protection and to supervise such persons. The purpose of the publication of personal data referred to in Paragraph 45 of the Rules of Procedure on the website of VATESI shall be to identify, without ambiguity, the natural person, who is attested to provide radiation protection training for the purpose of performing the legal obligation specified in Paragraph 13 of Article 27 of the Law on Radiation Protection. The purpose of processing personal data referred to in Subparagraph 17.6 and Paragraph 30 of the Rules of Procedure shall be to identify, without ambiguity, the natural persons for the purpose of assessing the compliance with the requirements for radiation protection training and briefing requirements and to perform the functions of supervision of such persons. The received personal data, except for the data specified in Paragraph 45 of the Rules of Procedure, may be disclosed only to state and municipal authorities and institutions upon their request, if such request is based on the necessity to perform the functions assigned to them. Personal data obtained in accordance with the procedure set forth in these Rules of Procedure will be stored for no longer than specified in the implementing legislation of the Law on Documents and Archives of the Republic of Lithuania.