

REGULATION on the terms and conditions for acquiring professional qualification and on the procedure for issuing licenses for specialized training and certificates of competency for the use of nuclear energy

Adopted by Council of Ministers Decree No. 209 of August 6, 2004, promulgated, SG, issue 74 of 24.08.2004, amended, no. 46 from 12.06.2007, in force from 12.06.2007, no. 5 of 19.01.2010, amended. and supplemented no. 27 of 14.04.2015, no. 4 of 15.01.2016, amended, no. 53 of July 5, 2019

Chapter One

GENERAL PROVISIONS

Section I

Subject and scope of the regulation

Art. 1. The regulation shall determine:

- 1. the conditions and the order for acquiring professional qualification for carrying out activities in nuclear facilities and with sources of ionizing radiation (SIR);**
- 2. (amended, SG No. 27/2015) the positions, respectively the activities for the performance of which a professional competency is required;**
- 3. the procedure for issuing, amending, renewing, terminating and revoking licenses for specialized training for activities in nuclear facilities and with SIR (specialized training);**
- 4. the procedure for issuance, termination and revocation of certificates of competency;**
- 5. the conditions and the order for conducting examinations for the acquisition of a professional competency for performance of activities in nuclear facilities and with SIR;**
- 6. the procedure for exercising control over the fulfillment of the conditions of the issued licenses for specialized training and certificates of competency.**

Art. 2. (1) (Amended, SG No. 27/2015) The licenses for specialized training shall be issued, amended, renewed, terminated, revoked and controlled by the Chairman of the Nuclear Regulatory Agency (NRA) under the conditions determined by the Act on Safe Use of Nuclear Energy (ASUNE) and by the provisions of the regulation.

(2) (Amended, SG No. 27/2015) Certificates of professional competency shall be issued, terminated and revoked:

1. by the Chairman of the NRA pertaining for:

(a) entities carrying out activities related to the provision and/or control of nuclear safety and radiation protection in nuclear facilities;

(b) full-scale simulator instructors;

c) qualified radiation protection experts;

2. by a person, who has received a license under the ASUNE for conducting specialized training to persons, professionally engaged in activities in nuclear facilities and with sources of ionizing radiation, other than those under item 1.

Art. 3. (1) Licenses for specialized training shall be issued to persons - sole entities, and to legal entities, registered in the Republic of Bulgaria.

(2) Licenses for specialized training shall be issued:

1. (amended, SG No. 27/2015) for carrying out specialized training for activities in nuclear facilities that have an impact on safety, and for issuing a certificate of competency to persons other than those under Art. 2, para. 2, item 1;

2. for carrying out specialized training and issuing certificates of competency for activities with SIR.

(3) In the cases when the same person intends to perform both the activities under para. 2, item 1, as well as the activities under para. 2, item 2, one license shall be issued.

Art. 4. (Repealed, SG No. 27/2015).

Section II

General requirements for the system for selection and qualification of the personnel

Art. 5. (1) The establishment, maintenance and application of a system for selection and qualification of the personnel shall be an obligation of the licensees and the holders of permits for carrying out activities in nuclear facilities and with SIR. This system includes:

1. professional selection;

2. medical and psychophysiological selection;

3. providing specialized initial and supportive training;

4. maintaining a high level of safety culture;

5. initial and periodic examination of the knowledge;

6. control for observance of the requirements for specialized training and professional qualification of the personnel.

(2) The persons, to whom licenses for specialized training have been issued pursuant to the regulation, shall be responsible for the quality of the specialized training, which they perform.

(3) The persons who perform activities in nuclear facilities and with SIR shall be obliged to maintain and enhance their own knowledge and to improve their skills.

Art. 6. The professional selection of the personnel shall be carried out on the basis of the requirements of the job descriptions and in accordance with the system for selection and qualification of the personnel.

Art. 7. (1) In the job descriptions under art. 6, the following requirements related to the qualification of the staff shall be determined obligatorily:

1. the educational degree, the specialty or the profession and the work experience accumulated in the respective specialty, which are necessary for holding the respective position;

2. the functions related to the safe operation of the nuclear facility or SIR, which the person holding the position must perform;

3. (supplemented, SG No. 27/2015) the necessary minimum of knowledge in the field of the use of nuclear energy and ionizing radiation, nuclear safety, radiation protection, emergency preparedness and the legislative acts related to the use of nuclear energy and ionizing radiation;

4. the practical skills and habits, necessary for carrying out the respective activity;

5. the requirements for initial and supporting specialized training;

6. the necessary professional competency to hold the position, when such is required.

(2) The job descriptions of the personnel in nuclear facilities shall indicate the respective operational manager observing the requirement that only one competent person in a higher position may give operational orders to another competent person.

Section III

General requirements for the submission of documents

Art. 8. (1) The applications for issuance, amendment, renewal and termination of licenses for specialized training and for issuance of certificates for competency pursuant to the provisions of the regulation and the documentation, which are attached to them, shall be submitted in Bulgarian language.

(2) Official documents in a foreign language shall be submitted together with a legalized translation into Bulgarian. Other documents in a foreign language shall be submitted together with a translation into Bulgarian by a sworn translator.

(3) (Amended, SG No. 4/2016) The documents which are required pursuant to the provisions of the regulation shall be attached in original or as a certified copy on paper and electronic media. In the cases where the application is submitted electronically, the documents are attached in the form of scanned copies.

(4) (Repealed, SG No. 4/2016).

(5) (Amended, SG No. 4/2016) When certain circumstances have been ascertained by another administrative body, by persons performing public functions, or by organizations providing public services in the Republic of Bulgaria, it shall not be necessary for the applicant to provide information or evidence for which data are collected or created by those authorities or persons, regardless of whether those data are maintained in electronic form or on paper

Chapter two

PROFESSIONAL QUALIFICATION

Section I

General requirements

Art. 9. The persons – sole entities, who perform activities, which have an impact on the safe implementation of activities in nuclear facilities and with SIR, must have the respective professional qualification in accordance with the provisions of the regulation.

Art. 10. (1) The professional qualification pursuant to this regulation shall be the officially proved level of the knowledge, skills and habits, necessary for the performance of the functions, determined in the job description for the specific position.

(2) Professionally qualified pursuant to the provisions of this regulation shall be the persons who:

1. possess an educational degree, specialty or profession in accordance with the requirements of the job description for the respective position;

2. have the necessary work and service experience, including experience in a certain position or at a certain workplace, in the cases when this is required by the regulation or by the job description for the respective position;

3. have passed initial specialized training;

4. undergo supportive specialized training, in the cases when this is required by the regulation or by the conditions of the license or the permit for carrying out activities in nuclear facilities and with SIR.

Art. 12. (1) The specialized training shall be carried out by applying the systematic approach and by using technical means for training.

(2) (Amended, SG No. 27/2015) The specialized training shall be carried out on the basis of a program for management of the specialized training activities, which shall guarantee at any moment of its implementation that the application of the systematic approach is in accordance with with internationally accepted standards.

(3) (Amended, SG No. 27/2015) The initial specialized training shall be conducted in accordance with curricula developed for each specific position.

(4) (New, SG No. 27/2015) The supporting specialized training shall be conducted in accordance with curricula developed for each specific position.

(5) (Former para 4, SG No. 27/2015) The specialized training shall be carried out with detachment from the job position.

Art. 13. (1) The person, to whom a license for specialized training has been issued, shall conduct the training depending on the type of the activity and on the characteristics of the workplace in the form of:

- 1. theoretical - lecture, seminar or interactive computerized training;**
- 2. training on simulators, including full-scale simulators;**
- 3. practical training in working conditions;**
- 4. practical training through the use of workshops, laboratories, models, computers, as well as of radiometric, dosimetric and spectrometric equipment and other technical means.**

(2) The forms of training shall be applied mixed, according to the curriculum, in order to ensure the correct assimilation of the material and the acquisition of the respective skills and habits.

(3) The specialized training in working conditions shall be conducted under the methodological guidance of the person to whom a license for specialized training has been issued.

(4) (Repealed, SG No. 27/2015).

Art. 14. (1) The person, to whom a license for specialized training has been issued, shall compile a curriculum for initial specialized training for each position. The program takes into account the results of the analysis of the functions related to the professional performance at the respective position, as well as the characteristics of the specific work place.

(2) The curriculum shall compulsorily cover:

- 1. preliminary requirements towards the qualification;**

2. tasks arising from the analysis of the functions under para. 1;
3. list of the training courses, short description of the content, duration, forms for conducting the training and the ways for checking the acquired knowledge;
4. list of the types of technical means used;
5. (amended, SG No. 27/2015) a list of the documents related to the program for management of the specialized training activities;
6. criteria for successfully passed exam upon completion of the specialized training under this program.

Art. 15. (1) The curricula for supporting specialized training shall be drawn up in every previous year in compliance with the requirements of art. 14, para. 2 and report the results of the annual analysis of the following, namely:

1. the operational experience, the work of the personnel and the level of their competence during the past period;
 2. the amendments in the legislative requirements, related to nuclear safety and radiation protection, and in the operational documents;
 3. the occurred or forthcoming modifications in the nuclear facility or related to SIR, as well as the modifications related to the specific workplace;
 4. deviations, incidents and accidents, from which lessons can be learned in order to prevent them in the future;
 5. the degree of preparedness for action in case of emergency situations or in case of application of the emergency plan or procedures;
 6. the requirements of the respective licensees and holders of permits for carrying out activities in nuclear facilities and with SIR;
 7. the requirements related to the implementation of the state regulation under ASUNE.
- (2) The analysis under para. 1 shall be carried out jointly by the licensees and the holders of permits for carrying out activities in nuclear facilities and with SIR and by the persons to whom licenses for specialized training have been issued.

Art. 16. On the basis of the curricula, the person, to whom a license for specialized training has been issued, shall compile an individual curriculum for the specific trainee, which shall take into account:

1. his education and professional experience;
2. the results of the preliminary assessment of the knowledge;
3. the individual needs related to the improvement of the quality of work and the safety culture

Art. 17. The training programs shall be co-ordinated with the respective licensee or holder of a permit for carrying out activities in nuclear facilities. The programs are

also coordinated with the respective licensee or holder of a permit for carrying out activities with SIR, if he so requests.

Art. 18. Each of the training courses in the curricula must include:

1. the name, duration and forms for conducting the course according to the curriculum and the maximum number of persons who can be trained simultaneously in this course;

2. requirements to the training base;

3. measurable goals of the training from the course;

4. course plan, including a list and a brief description of the topics;

5. course schedule;

6. definitions of used terms and abbreviations;

7. list of literary sources;

8. development of every topic, which is included;

9. form for reporting the conducting of the course;

10. description of the methods for assessment of the knowledge and skills acquired during the course.

(a) measurable objectives of the training on the topic;

b) description of how to assess the entry level of knowledge and skills;

c) instructions for the lecturer, instructor or mentor;

(d) visual materials or a description of the technical means required;

e) written variant of the topic;

f) materials for the learner;

(g) a description of how the knowledge and skills acquired will be assessed on an ongoing basis; form for reporting the conducting of the course;

Art. 19. (1) After completion of the specialized training one or several internal examinations shall be conducted for verification of the acquired knowledge and skills. A representative of the respective licensee or holder of a permit for carrying out activities in nuclear facilities or with SIR may also participate in the conducting of the internal examinations.

(2) Upon fulfillment of the criteria under Art. 14, para. 2, item 6 a document shall be issued, which certifies the successful passing of the specialized training and proves the fulfillment of the condition pursuant to art. 66, para. 1, item 3 of the ASUNE.

(3) In case of non-fulfillment of the criteria pursuant to art. 14, para. 2, item 6 the completion of specialized training under an adjusted program according to art. 16 is a condition for subsequent admission to an internal examination.

(4) In the cases when the same person has completed the training and issues the certificate of competency, internal examinations may not be conducted, as the candidate shall appear directly at an examination before a qualification examination commission under the conditions and by the procedure pursuant to Chapter Five, Section III .

Section II

Performing activities in nuclear facilities

Art. 20. (1) (suppl. - SG 27/15) The activities in nuclear facilities, which have influence on nuclear safety and radiation protection, shall be carried out by persons, who possess the necessary qualification pursuant to art. 10 and have certificates for competency, issued pursuant to these provisions of the regulation.

(2) (Repealed, SG No. 27/2015).

(3) (Amended, SG No. 27/2015) The persons who perform activities in nuclear facilities related to the provision or control of nuclear safety and radiation protection shall have to meet the requirements under para. 1 and to have an educational qualification degree "master", obtained in higher education institutions, which meet the requirements of the Higher Education Act and the Regulation on the state requirements for acquiring higher education of the educational qualification degrees "bachelor", "master" and "specialist" (promulgated, SG No. 76/2002; amended, SG No. 85/2002; supplemented, SG No. 79/2003).

Art. 21. (1) The positions, whose functions include the performance of activities pursuant to art. 20, para. 1, shall be determined by the licensee or the holder of a permit for carrying out activities in nuclear facilities.

(2) (Amended, SG No. 27/2015) Annex No. 1 to the Regulation shall specify the following, namely:

1. (amended, SG No. 27/2015) the positions, the functions of which include the performance of activities pursuant to Art. 20, para. 3;

2. (amended, SG No. 27/2015) the requirements for an acquired educational qualification degree for a certain specialty;

3. requirements for work experience acquired at a certain previous position or workplace.

(3) (Amended, SG No. 27/2015) The specific titles of the positions specified in Annex No. 1 shall be determined by the license or permit for activities in nuclear facilities.

Art. 22. (Amended, SG No. 27/2015) The specialized training under this section shall obligatorily cover the forms of training pursuant to Art. 13, para. 1, items 1, 3 and

4, and for the positions pursuant to item 1.1, letters "a" - "d" and item 2.1 of Annex No. 1, an obligatory training at a simulator pursuant to Art. 13, para. 1, item 2 shall be carried out.

Art. 23. (1) The total duration of the initial specialized training under this section may not be less than:

1. (amended, SG No. 27/2015) ten working days, including 3 working days, acquaintance with the aspects of safety culture - for the positions pursuant to items 1.2, 2.2 and 3, letters "a" and "b" of Annex 1;

2. (amended, SG No. 27/2015) eighteen months, including two months of training on a full-scale simulator for the respective power unit of a nuclear power plant - for the positions pursuant to item 1.1, letter "a" of Annex No. 1;

3. (amended, SG No. 27/2015) sixty working days, including 20 working days of training on a full-scale simulator for the respective power unit of a nuclear power plant - for the positions pursuant to item 1.1, letter "b" of Annex No. 1 ;

4. (amended, SG No. 27/2015) forty working days, including 10 working days of training on a full-scale simulator for the respective power units of a nuclear power plant - for the positions pursuant to item 1.1, letter "c" of Annex No. 1;

5. (amended, SG No. 27/2015) eighteen months, including 10 working days of training on a full-scale simulator for the respective power unit of a nuclear power plant - for the positions pursuant to item 1.1, letter "d" of Annex No. 1 ;

6. (amended, SG No. 27/2015) forty working days for the positions pursuant to item 1.1, letter "e" of Annex No. 1;

7. (New, SG No. 27/2015) twelve months for the positions pursuant to item 3, letter "c" of Annex No. 1;

8. (former item 7, amended, SG No. 27/2015) sixty working days - for operational personnel other than those under Annex No. 1, whose functions include the performance of activities pursuant to Art. 20, para. 1;

9. (New, SG No. 27/2015) twenty working days - for the remaining personnel, whose functions include the performance of activities pursuant to Art. 20, para. 1.

(2) The supporting specialized training under this section shall be obligatory and may not be less than:

1. (amended, SG No. 27/2015) five working days per year - for the positions pursuant to items 1.2, 2.2 and 3, letters "a" and "b" of Annex No. 1;

2. (amended, SG No. 27/2015) twenty working days per year, including 10 working days of training on a full-scale simulator for the respective power unit of a nuclear power plant - for the positions pursuant to item 1.1, letters "a" and " b "of Annex No. 1;

3. (amended, SG No. 27/2015) fifteen working days per year, including 5 working days of training on a full-scale simulator for the respective power unit of a nuclear power plant - for the positions pursuant to item 1.1, letters "c" and " d "of Annex No. 1;

4. (amended, SG No. 27/2015) five working days per year for the positions pursuant to item 1.1, letter "e" of Annex No. 1;

5. (amended, SG No. 27/2015) ten working days per year - for the persons pursuant to item 3, letter "c" of Annex No. 1 and for operational personnel other than those under Annex No. 1, whose functions include carrying out activities pursuant to Art. 20, para. 1;

6. (New, SG No. 27/2015) five working days - for the remaining personnel, whose functions include performing activities pursuant to Art. 20, para. 1.

Art. 24. The full-scale simulator pursuant to Art. 13, para. 1, item 2 must meet the following conditions:

1. to be designed, implemented and commissioned according to procedures, which guarantee the accuracy of the physical copy of the main control room and of the simulation of the processes, including those in case of design basis accidents in the actual power unit of the nuclear power plant;

2. to be operated and maintained in accordance with a quality assurance program, which shall guarantee its timely modification in case of changes in the actual power unit of a nuclear power plant.

Art. 25. (1) The specialized training in working conditions shall be conducted by persons, who possess the necessary professional qualification and long work experience at the respective position.

(2) The specialized training on a simulator shall be conducted by persons who: 1. (revoked - SG, issue 27 of 2015);

2. (amended, SG No. 27/2015) have the competency of "full-scale simulator instructor" pursuant to item 1.1, letter "e" of Annex No. 1.

(3) (Repealed, SG No. 27/2015).

Section III

(Amended, SG No. 27/2015)

Performing activities with sources of ionizing radiation

Art. 26. (Amended, SG No. 46/2007, SG No. 5/2010, SG No. 27/2015) (1) Activities with SIR shall be carried out by persons with the necessary professional qualification pursuant to Art. 10, who have received a certificate of competency under the regulation.

(2) The persons pursuant to par. 1 are divided into the following groups:

1. group one: personnel with operational functions who work directly with SIR;

2. group two: head of radiation protection and personnel in the radiation protection services, as well as other persons who provide and/or control the radiation protection during activities with SIR;

3. group three - qualified expert in radiation protection in the following fields:

(a) sources of ionizing radiation for medical purposes;

b) sources of ionizing radiation for economic and scientific purposes;

(c) assessment of external and internal exposure doses in activities with materials with increased content of natural radionuclides.

(3) The persons from the indicated in para. 2, groups one and two shall be designated by the licensee or by the holder of the permit for activity with SIR.

Art. 26a. (New, SG No. 27/2015) (1) A certificate of competency shall not be required for the following: 1. the persons who are not directly engaged in activities with SIR, but may in certain circumstances fall into an environment with SIR;

2. (amended, SG No. 53/2019) the persons performing activities with SIR, according to Annex No. 2 to Art. 98k, para. 1 of the Regulation on the procedure for issuing licenses and permits for safe use of nuclear energy (SG, issue 41 of 2004);

3. (amended, SG No. 53/2019) the persons holding the positions of "expert in medical physics" and "medical physicist", the recognition of whose competency shall be carried out pursuant to Regulation No. 2 of 5 February 2018 on the conditions and the order for ensuring protection of the persons in case of medical exposure (SG, issue 13 of 2018).

(2) For the persons pursuant to par. 1, items 1 and 2, initial and periodic instruction on radiation protection is required, which shall be conducted by the person in charge of radiation protection of the site.

Art. 27. (Amended, SG No. 27/2015) (1) The specialized training for the persons pursuant to Art. 26, para. 2, items 1 and 2 covers the forms of education pursuant to art. 13, para. 1, items 1 and 4.

(2) In annex No. 2 to art. 27, para. 2 of the regulation are indicated the courses, which must be included in the curricula for initial training of the persons pursuant to art. 26, para. 2, items 1 and 2.

Art. 28. (Amended, SG No. 27/2015) (1) The total duration of the initial specialized training under this section may not be less than:

1. twenty school hours for the persons from the first group;//////////

2. thirty school hours for the persons from the second group.//////////

(2) The supporting specialized training shall be conducted at least once in three years and its duration may not be less than:

1. five school hours for the persons from the first group;////////

2. eight school hours for the persons from the second group////////

Chapter three

LICENSES FOR SPECIALIZED TRAINING

Section I

Procedure for issuing a license for specialized training

Art. 29. (1) (suppl. SG 4/16) For issuance of a license for specialized training the applicant shall submit to the Chairman of the NRA a written application on paper or in electronic form pursuant to the conditions of the Act for the electronic document and the electronic signature containing the following, namely:

1. the identification data of the applicant;

2. a description of the activity to be carried out, which shall include: (a) the positions for which the specialized training will be carried out and the safety-related functions performed by the person holding that position; (B) the maximum number of persons that can simultaneously undergo specialized training in the respective programs and for a certain period;

3. the term for which the license is requested;

4. a list of the documents attached to the application.

(2) The application shall be signed:

1. by the sole entity - applicant;
2. (amended and supplemented, SG No. 4/2016) by the person who has representative power in respect of the legal entity-applicant.

(3) The application may be signed by an authorized person, if the authorization has been made in writing, with a notary certification of the signature. The authorization documents shall be attached to the application.

(4) (New, SG No. 4/2016) In the cases when the application is submitted electronically, it shall be signed with an electronic signature in compliance with the requirements of the Act for the electronic document and the electronic signature.

Art. 30. (1) (suppl. - SG 4/16) To the application for issuance of a license for specialized training shall be attached the following, in observance of the requirements of art. 8, para. 5:

1. (revoked - SG, iss. 53 in 2019);
2. (revoked - SG, iss. 53 in 2019);
3. (revoked - SG, iss. 53 in 2019);
4. documents certifying that the applicant has financial resources in the volume necessary for carrying out the requested activity;
5. documents certifying that the applicant has technical resources in a volume and quality, necessary for carrying out the declared activity;
6. documents certifying that the applicant has material resources in a volume and quality, necessary for carrying out the requested activity;
7. documents regarding the management and organizational structure of the applicant, related to the implementation of the requested activity;
8. documents pertaining to the number, education and qualification of the personnel, involved in the implementation of the declared activity, and its distribution as per positions, and when this is required by the law - also documents, certifying its competencies;
9. procedures related to the implementation of the interaction with the licensees and the holders of permits for carrying out activities in nuclear facilities or with SIR in the cases in which the regulation requires such interaction;
10. justification of the duration of the term for which the license is requested;
11. training programs, co-ordinated with the functional characteristics of the respective positions, for which the training is conducted, developed in accordance with the requirements of art. 14;
12. procedures for development of curricula for supportive training and for compilation of individual curricula in accordance with the requirements of Art. 15, para. 1 and Art. 16;
13. training courses, corresponding to the curricula under item 11, developed in accordance with the requirements of art. 18;
14. (supplemented, SG No. 27/2015) procedures for implementation of the activities for issuance and revocation of certificates of competency, as well as for provision of information to the NRA and to the licensees and holders of permits for performance of activities in nuclear facilities and with SIR for the issued, terminated and revoked certificates of competency;
15. procedures for verification of the acquired knowledge and skills in accordance with the requirements of Art. 19;
16. documents pertaining to the system, ensuring the conformity of the technical means for training with the equipment at the workplace;

17. (amended, SG No. 27/2015) a program for management of the activities for the specialized training, developed in accordance with the requirements of Art. 12, para. 2;

18. a procedure for registration and storage of the information on the conducted training;

19. a procedure for providing to the NRA and to the licensees and holders of permits for carrying out activities in nuclear facilities and with SIR, information about the conducted training;

20. (New, SG No. 27/2015) a procedure for inspection of the provided premises and technical means for conducting specialized training outside the specified in item 6;

21. (former item 20, SG No. 27/2015) a list of the standards applicable to the respective activity, as well as other documents that establish compliance with the requirements for carrying out the respective activity under this Chapter;

22. (former item 21, SG No. 27/2015) a receipt for paid fee for processing of the application to an amount determined in accordance with the Tariff for Fees Collected by the Nuclear Regulatory Agency under the ASUNE, adopted by CMD No. 206 of 2003 (SG, issue 85 of 2003).

(2) (Repealed, SG No. 27/2015).

(3) (Amended, SG No. 27/2015) The documents under para. 1, items 11 -21 may be submitted also only on electronic form.

Art. 31. (1) The formal correctness of the application and of the documents attached to it shall be checked within 14 days from their receipt in the registry office of the NRA.

(2) If the application and the attached documents do not meet the requirements under Art. 29 and 30, the applicant shall be instructed in writing to eliminate the committed irregularities within 14 days.

(3) If the applicant does not eliminate the committed irregularities within the term under para. 2, the NRA Chairman shall refuse to issue the license by a motivated order.

Art. 32. (1) (Amended, SG No. 27/2015) In accordance with the Rules of Procedure of the Nuclear Regulatory Agency, adopted by CMD No. 278 of 2013 (SG, issue 107 of 2013) , the Chairman of the NRA assigns to the administrative units of the NRA to review the application and the documents attached to it and assess the circumstances contained therein, in order to establish compliance with the requirements of Art. 33, para. 1.

(2) (Supplemented, SG No. 27/2015) In accordance with the results of the review under para. 1, the NRA Chairman may indicate to the applicant within an appropriate time period, but not longer than one month, to supplement and/or amend the submitted documents or to submit additional documents. In case of non-fulfillment of the instructions, art. 31, para. 3 is enforced.

(3) The term for issuing the license shall start running from receipt of the application under art. 29, para. 1, respectively from the date of fulfilment of the instructions given pursuant to art. 31, para. 2 and pursuant to par. 2.

(4) (New, SG No. 4/2016) Outside the cases pursuant to para. 3, in case of an official collection of evidence on the circumstances, certified by another administrative body, the term for issuance of a license shall start running from the date of receipt in the NRA of the respective documents.

Art. 33. (1) The Chairman of the NRA shall issue the license in the following case, namely: 1. if the applicant has submitted all the necessary documents; 2 if the applicant has complied with the instructions under Art. 31, para. 2 and Art. 32, para. 2; 3. If the

applicant has fulfilled all conditions under previous licenses and other acts, issued pursuant to the ASUNE, if they are in relation to the issuance of the requested license; 4 if the applicant has been issued by other administrative bodies the necessary administrative acts, determined by law as a precondition for issuing the license; 5 the review and assessment of the documents submitted by the applicant shall confirm the compliance with the requirements of the ASUNE and the regulation. (2) In case of non-compliance with the requirements under para. 1, the chairman of the NRA with a motivated order shall refuse the issuance of the requested license. (3) The licenses under para. 1 or the orders under para. 2 shall be issued within the time periods under Art. 18, para. 1, item 2 of the ASUNE. (4) The licenses shall be issued for a period of up to 5 years.

Art. 34. (1) The issued licenses and orders for refusal for the issuance of licenses shall be handed over to the applicant, to his legal or explicitly authorized representative or shall be sent by registered mail with return receipt, in which shall be noted the type and the registration number of the issued act. (2) (New, SG No. 4/2016) In case of an explicit request for the manner of receipt by the applicant, made upon submission of the application, the individual administrative act may be obtained at the place where it has been requested, or at a specified exact address, in case receipt is requested through a licensed postal operator or in electronic form, if there are available technical, software and organizational-technological conditions for that. (3) (Former para 2, suppl. - SG, iss. 4 of 2016.) The license shall be given or sent to the applicant pursuant to para. 1 and 2 after submission of a copy of a receipt for paid initial license fee to an amount determined according to the Tariff for fees collected by the Nuclear Regulatory Agency under the ASUNE. (4) (New, SG No. 27/2015, former para 3, SG No. 4/2016) No fee shall be due for amendment of licenses in fulfilment of conditions set in relation to the implementation of instructions, given in the the course of implementation of control pursuant to Chapter Five of the ASUNE, as well as in case of change of the management and organizational structure of the licensee, made on the basis of a legislative act or a decision of the Council of Ministers.

Section II

Content of the license for specialized training

Art. 35. (1) The license for specialized training shall contain the following, namely: 1. the name of the state body issuing the act; 2 the type of the respective license; 3 the registration number of the license; 4. the legal grounds for issuing the act; 5. (amended, SG No. 27/2015, SG No. 4/2016) the relevant identification data for the person-licensee, in compliance with the requirements of the Personal Data Protection Act; 6. the activity for which the license is issued; 7. the term of the license; 8. the general and special conditions, which determine the rights and obligations of the licensee (2) The general conditions of the license may cover: 1. a detailed description of the activity for which the license is issued, including the maximum number of persons who may simultaneously undergo specialized training under the relevant programs and for a specified period of time; 2 basic requirements for carrying out the activity; 3. obligations related to the provision of financial, material and technical resources; 4 requirements related to the qualification and competencies of the personnel; 5 (amended, SG No. 27/2015) requirements related to the management of specialized training activities; 6 requirements related to the curricula, training courses and procedures for the implementation of the activities;

7. requirements related to the issuance of certificates of competency; 8 requirements related to the conformity of the technical means of training with the equipment at the workplace; 9 obligations related to the certification of the fulfillment of the conditions of the license; 10 obligations related to the control over the implementation of the license; 11 obligations related to the cessation of the activity; 12 obligations related to the control over the issued certificates of competency (3) (Repealed, SG No. 27/2015) (4) The special conditions of the license may cover: 1. requirements related to the organization of the licensee's activity when outsourcing the activities of the license, as well as requirements related to the provision of an opportunity for control over the implementation of these activities;

2. requirements related to the ensuring of the interaction with the licensees and the holders of permits for carrying out activities in nuclear facilities and with SIR; 3 requirements related to the storage of documents and information; 4. requirements related to the provision of information for the implementation of the activities under the license; 5 other conditions related to the commencement or implementation of the activity (5) The licenses may contain annexes (6) An annex to the license shall include a list of the documents for the implementation of the activity of the licensee, the substantial change of which represents sufficient grounds for the modification of the license.(7) Before making amendments to the documents included in the annex under para. 6, the licensee shall notify the Chairman of the NRA about the content of the envisaged amendments. The Chairman of the NRA shall rule in writing within 30 days on the necessity to amend the license. Failure to rule within this period shall be deemed to be tacit consent to the amendments.

(8) (New, SG No. 27/2015) A legal entity - holder of a license for specialized training, which intends to carry out transformation by merger, amalgamation, division, separation, separation of a sole proprietorship, change of the legal form, transfer of the commercial enterprise, as well as reduction or increase of the capital, shall be obliged to notify in advance the Chairman of the NRA and to present an assessment of the significance of these actions for the performed activity in view of the subsequent application of Art. 21, para. 1 or art. 21a of the ASUNE. (9) (New, SG No. 27/2015) In the cases under para. 8, the Chairman of the NRA within 30 days from the notification shall express an opinion on the existence of circumstances, which presuppose termination or amendment of the license.

Art. 36. Except for the cases when the change of the data and circumstances declared pursuant to the regulation represents sufficient grounds for amendment of the issued license, the applicants and the licensees are obliged to notify the NRA Chairman about the change of the declared data and circumstances within 7 days from their occurrence.

Section III

Amendment and renewal of a license for specialized training

Art. 37. (1) (former text of art. 37 - SG, iss. 27 in 2015, suppl., Iss. 4 in 2016) An issued license for specialized training shall be amended at the request of the licensee by an order of the chairman of the NRA in the cases pursuant to Art. 21, para. 1 and Art. 21a of the ASUNE. (2) (New, SG No. 27/2015) An issued license for specialized training shall be amended ex officio by an order of the Chairman of the NRA in the cases

pursuant to Art. 21, para. 4 of the ASUNE. (3) (New, SG No. 27/2015) The Chairman of the NRA shall notify the licensee in writing of the opening of the proceedings for official amendment of the license. The licensee may, within 14 days, express a written opinion with regard to the grounds for modification of the license. (4) (New, SG No. 27/2015) The license may be amended after the expiration of the term pursuant to para. 3.

Art. 38. (1) (Suppl. - SG, iss. 4 in 2016) The licensee shall be obliged within one month from the occurrence of the circumstances, requiring amendment of the license, to request the amendment with an application, submitted on paper or electronically pursuant to the terms of the Electronic Document and Electronic Signature Act, which contains: 1. the identification data of the applicant; the registration number of the license; 3. Proposal for amendment 4; justification for the requested amendment (2) The following are submitted to the application pursuant to para. 1: 1. documents establishing the circumstances surrounding the requested amendment; 2 receipt for paid fee for processing the application to the amount determined according to the Tariff for fees collected by the Nuclear Regulatory Agency under the ASUNE. (3) The Chairman of the NRA shall rule on the application for amendment of the license within one month.

Art. 39. (1) If within the determined time period pursuant to art. 21, para. 2 of the ASUNE, the licensee has not requested an amendment to the license, the NRA Chairman shall notify him in writing of the existence of the circumstances imposing the amendment, warning him of the consequences that might ensue pursuant to Art. 23, para. 2 of the ASUNE in case of non-submission of the application. (2) (Suppl. - SG, iss. 27 in 2015) If within 14 days from the notification pursuant to para. 1, the licensee has not requested an amendment, the NRA Chairman may revoke the issued license or amend the license ex officio.

Art. 40. The licenses shall be renewed at the request of the licensee. The renewal may cover: 1. extension of the term; 2. extension of the term jointly with an amendment of the conditions for carrying out the activity.

Art. 41. (1) (Suppl. - SG, iss. 4 in 2016) For renewal of the license the applicant shall submit an application, submitted on paper or electronically pursuant to the conditions of the Act for the electronic document and the electronic signature, which shall contain: 1. the identification data of the applicant; 2 the registration number of the license; 3. request for renewal of the license; 4. proposal for amendment of the term, and in the cases pursuant to art. 40, item 2 - proposal for amendment of the conditions of the license (2) The following have to be submitted to the application pursuant to para. 1, namely: 1. justification of the new term, and in the cases pursuant to Art. 40, item 2 - justification of the proposed amendments; 2. a receipt for paid fees for processing of the application to an amount determined in accordance with the Tariff for fees collected by the Nuclear Regulatory Agency under ASUNE.

Art. 42. (1) The application for renewal of the license shall be submitted not earlier than 9 months and not later than 6 months before the expiration of the term of the valid license. (2) In the cases when the application is submitted within the terms pursuant to para. 1, until the issuance of the new license the applicant shall carry out the activity under the conditions of the license, the renewal of which he has requested. (3) Paragraph 2 shall be applied also when the term pursuant to para. 1 cannot be observed for specific reasons. (4) In case of non-observance of the term pursuant to para. 1, as well as when there are no specific reasons pursuant to para. 3, the provisions for issuing a license pursuant to section I shall be applied.

Art. 43. (1) The Chairman of the NRA shall take position on an application for renewal of a license within the terms pursuant to Art. 18, para. 1, item 2 of the ASUNE. (2) When considering the application for renewal of the license, the Chairman of the

NRA shall assess the compliance with the requirements pursuant to Art. 33, para. 1 and the fulfillment of the conditions of the initial license (3) On the basis of the assessment pursuant to para. 2, the Chairman of the NRA shall renew the license, reissuing it with the content, determined according to art. 35. (4) The license shall be renewed for the requested term, but not longer than 5 years.

Art. 44. The provisions of Section I shall apply accordingly to matters not expressly provided for in this Section.

Section IV

Termination and revocation of a license for specialized training

Art. 45. (1) The license for specialized training shall be terminated in the following cases: 1. upon expiry of the period if no application for renewal has been submitted; 2 upon application by the licensee for termination of the license; 3. due to revocation of the license; 4. (amended, SG No. 27/2015) upon declaration of bankruptcy or upon termination of the activities with liquidation of the legal entity-licensee; 5. in case of death of a sole entity - licensee; 6. (New, SG No. 27/2015) upon issuance of a new license for the same activity to the same or a new holder. (2) (Amended, SG No. 27/2015, supplemented, SG No. 4/2016) The Chairman of the NRA shall terminate a license by an order, except in the cases pursuant to para. 1, items 1 and 4 –6, when the license is terminated automatically. With regard to the actual serving of the order for termination, the requirements of Art. 34, para.1-3 are applied. (3) The license shall be considered terminated from the date of occurrence of the event, except for the cases pursuant to para. 1, items 2 and 3, when the termination occurs from the date of entry into force of the order issued by the Chairman of the NRA.

Art. 46. (1) (Supplemented, SG No. 4/2016) The application for termination of a license for specialized training shall be submitted on paper or electronically under the conditions of the Electronic Document and Electronic Signature Act and shall contain the identification data of the applicant and the registration number of the license (2) The Chairman of the NRA shall rule on the submitted application within one month.

Art. 47. (1) (Amended, SG No. 27/2015) The license shall be revoked in the cases pursuant to Art. 23, para. 1, item 1, letters "b" and "c" and items 2 and 4 of the ASUNE. (2) Upon establishing the existence of grounds for revocation of the license pursuant to para. 1, the chairman of the NRA shall be obliged to warn the licensee in writing about the findings and to give an appropriate time period for bringing the activity in compliance with the legislative requirements and with the conditions of the issued license. (3) Within the time period pursuant to para. 2 the licensee may submit explanations and objections on the findings as well as to request extension of the time period. (4) If as a result of the received explanations and objections it is established that the initially determined time period for bringing the activity in compliance with the legislative requirements and with the conditions of the issued license is insufficient or if there are other objective reasons, the Chairman of the NRA may extend this time period, for which he shall notify the licensee pursuant to the provisions of para. 2.

Art. 48. (1) If the licensee does not bring his activity in compliance with the legislative requirements and with the conditions of the issued license within the determined time period and after assessment of the circumstances and the submitted explanations and objections, the NRA chairman shall revoke the issued license by an

order. (2) The order for revocation of the license for specialized training shall contain the following, namely: 1. the legal basis for issuing the order; 2. the factual grounds for issuing the order, unless the license is revoked on the grounds of Art. 23, para. 1, item 4 of the ASUNE; 3. statement on the explanations of the licensee, unless the license is revoked on the grounds of art. 23, para. 1, item 4 of ther ASUNE; 4. a term, not longer than one year, in which the person cannot apply for the issuance of a new license for the same activity. (3) (Supplemented, SG No. 4/2016) The order pursuant to para. 1 shall be served pursuant to art. 34, para. 1 and 3, to the licensee, respectively to the person who has the right to represent him.

Chapter four

CERTIFICATES OF COMPETENCY

Section I

Procedure for issuance of certificates of competency pursuant to Art. 64, para. 2, item 1 of the ASUNE

Art. 49. (amend. SG 27/15) The certificates for competency pursuant to art. 64, para. 2, item 1 of the ASUNE shall be issued by the Chairman of the NRA to persons who meet the requirements pursuant to Art. 66, para. 1 of the ASUNE and do not have a ban imposed pursuant to Art. 70, para. 4 of the ASUNE.

Art. 50. (1) (Suppl. - SG, iss. 4 in 2016) For taking an examination before the qualification examination commission of the NRA and issuing a certificate of competency the applicant shall submit to the chairman of the NRA a written application on paper or electronically under the terms of the Electronic Document and Electronic Signature Act, which contains: 1. the identification data of the applicant; indication of the position for which a certificate of competency is requested and the relevant workplace; 3. a list of the documents attached to the application (2) The following must be attached to the application: 1. (supplemented, SG No. 27/2015) a document issued in accordance with a procedure determined by the Minister of Health, certifying that the applicant meets the medical and psychophysiological requirements, when such a document is required for the respective activity;

2. (amended, SG No. 27/2015) documents certifying the professional qualification pursuant to Art. 10, para. 2, as the professional qualification of the persons pursuant to art. 26, para. 2, item 3 shall be certified by presenting evidence for compliance with the requirements, indicated in the instructions of the chairman of the agency under § 12, para. 2 of the transitional and final provisions; 3. a receipt for paid fees for taking an examination to an amount determined in accordance with the Tariff for fees collected by the Nuclear Regulatory Agency under the ASUNE. (3) The application shall be signed by the sole entity-applicant, and shall be submitted to the NRA personally or shall be sent through the respective licensee or holder of a permit for carrying out activities in nuclear facilities. (4) (New, SG No. 4/2016) .) In the cases when the application is submitted electronically, it shall be signed with an electronic signature in compliance with the requirements of the Electronic Document and Electronic Signature Act.

Art. 51. (1) The regularity of the application and of the documents attached to it, as well as their conformity with the requirements of the ASUNE and the regulation shall be checked within 14 days from their receipt in the registry office of the NRA. (2) In case

of establishing the existence of irregularities and inconsistencies the applicant is informed in writing to eliminate them within 14 days. (3) (Amended, SG No. 27/2015) The Chairman of the NRA shall set a date for conducting the examination pursuant to Art. 64, para. 1, item 1, para. 3 or 4, which may not be later than 30 days from the receipt of the application pursuant to Art. 50, para. 1, respectively from the date of execution of the instructions given pursuant to para. 2.

Art. 52. (1) The availability of regular documents pursuant to art. 50, para. 2, corresponding to the requirements of the ASUNE and the regulation, is a precondition for admitting the applicant to take an examination before the qualification examination commission pursuant to Art. 66, para. 2 of the ASUNE. (2) The certificate for competency shall be issued on the basis of the documents pursuant to art. 50, para. 2 and the protocols for successfully passed examinations pursuant to the regulation. (3) (Supplemented, SG No. 4/2016) The certificate of competency shall contain the data pursuant to Art. 67 of the ASUNE and the respective identification data for the person in compliance with the requirements of the Personal Data Protection Act and shall be issued within 14 days from the successful passing of the last exam. (4) In determining the term for which the certificate is issued, the NRA Chairman takes into account the presence of work experience in the respective position, as well as the number of years experience in previous positions for which a certificate of competency is required, the results of the passed exams and the presence of entered into force penal acts for ASUNE violations. - SG, issue 27 of 2015) A Certificate of competency for activities in nuclear facilities, issued pursuant to Art. 64, para. 2, item 1, letter "a" of the ASUNE, shall continue to be in force until the end of the term for which it has been issued: 1. upon appointment to a position pursuant to item 1.2 of Annex No. 1 only if the person holds a valid certificate of competency pursuant to item 1.1 (b) or "c" of Annex 1; 2. for the positions specified in item 1.2 of Annex No. 1 - in case of changes in the organizational structure of the licensee or in the name of the position or in case of transfer from one position to another within the number of positions pursuant to 1.2 of Annex No. 1.

Art. 53. (1) The issued certificates of competency shall be handed over to the applicant or to a representative explicitly authorized by him through the registry office of the NRA. (2) (New, SG No. 4/2016) In the presence of an explicit request for the manner of receipt by the applicant, made upon submission of the application, the individual administrative act may be received at the place where it has been requested, or at a specified exact address, in case a receipt is requested through a licensed postal operator or electronically, in case there is availability of technical, software and organizational-technological conditions for this. (3) (former para 2, suppl. - SG 4/16) In case the certificate has not been received pursuant to para. 1 or 2 within 14 days from the expiration of the term pursuant to Art. 52, para. 3, it shall be sent by post by registered mail with acknowledgment of receipt, in which the type and the registration number of the issued act shall be noted. (4) (former para 3, amended, SG No. 4/2016) The certificate shall be handed over or sent to the applicant pursuant to par. 1 -3 after submission of a copy of the receipt for paid fees for issuance of a certificate of competency to an amount determined according to the Tariff for fees collected by the Nuclear Regulatory Agency under the ASUNE.

Art. 54. (Amended, SG No. 27/2015) The certificates of competency issued by the Chairman of the NRA under this section shall be entered in the public register pursuant to Art. 111, para. 1, item 2 of the Regulation on the procedure for issuing licenses and permits for safe use of nuclear energy.

Section II

Procedure for issuing certificates of competency pursuant to Art. 64, para. 2, item 2 of the ASUNE

Art. 55. (Amended and supplemented, SG No. 27/2015) The certificate of competency pursuant to Art. 64, para. 2, item 2 of the ASUNE shall be issued by a person who has been issued a license for carrying out specialized training for work with SIR pursuant to the regulation, if the applicant meets the requirements pursuant to Art. 66, para. 1 of the ASUNE and no prohibition has been imposed pursuant to Art. 70, para. 4 of the ASUNE.

Art. 56. (1) (Amended, SG No. 27/2015) Certificate of competency pursuant to Art. 64, para. 2, item 2 shall be issued if the applicant has successfully passed an examination pursuant to the provisions of Chapter Five, Section III before a qualification examination commission, appointed by the person pursuant to Art. 55, who has conducted the training. (2) The certificates for competency shall be issued by an order, determined by the procedures for implementation of the activities for issuance of certificates for competency pursuant to art. 65, para. 1, item 3, letter "c" of the ASUNE, on the basis of which the license for specialized training has been issued pursuant to Chapter 3. (3) (Supplemented, SG No. 4/2016) The certificate of competency shall contain the data pursuant to Art. 67 of the ASUNE and the respective identification data for the person, in compliance with the requirements of the Personal Data Protection Act and is issued within 14 days from the successful passing of the last exam.

Art. 57. (Amended, SG No. 27/2015, repealed, SG No. 53/2019).

Section III

Termination and revocation of certificates of competency

Art. 58. (1) The legal enforcement of the certificate for competency shall be terminated automatically in the cases pursuant to art. 68, para. 1, item 1 of the ASUNE. (2) (Amended, SG No. 27/2015) Upon establishing the circumstances pursuant to Art. 68, para. 1, item 2 of the ASUNE, the Chairman of the NRA shall terminate the validity of the certificate of competency issued pursuant to Art. 64, para. 2, item 1 of the ASUNE, with a motivated order (3) (Amended, SG No. 27/2015) Upon establishing the circumstances pursuant to Art. 68, para. 1, item 2 of the ASUNE, the Chairman of the NRA shall submit a motivated request to the person who has issued a certificate of competency pursuant to Art. 64, para. 2, item 2 of the ASUNE, which terminates the validity of the certificate of competency by a motivated order. (4) (New, SG No. 27/2015) When the person who has issued the certificate of competency pursuant to Art. 64, para. 2, item 2 of the ASUNE, does not take the actions for termination of the certificate pursuant to art. 68, para. 1, item 2 of the ASUNE within 14 days, the chairman of the agency shall have the right to perform these actions directly. (5) (New, SG No. 27/2015, amended, SG No. 4/2016) The order of the NRA Chairman shall be brought to the notice of the person whose certificate of competency has been terminated, and a copy of it shall

be sent to the licensee who has issued the certificate of competency. (6) (former para 4, SG No. 27/2015) The renewal of the competency shall take place in the order in which it has been acquired. (7) (New, SG No. 27/2015, amended, SG No. 53/2019) Copy of the order for termination of the certificate for competency, issued pursuant to Art. 64, para. 2, item 2 of the ASUNE, shall be sent to the NRA.

Art. 59. (1) Upon establishing the existence of the grounds for revocation of the certificate for competency pursuant to art. 69, para. 1, items 1 and 3 of the ASUNE, the NRA Chairman shall warn in writing the person to whom the certificate of competency has been issued for the findings made and shall set an appropriate term for submission of explanations and objections. (2) the person, to whom the certificate of competency has been issued, may present explanations and objections on the findings made within the time period pursuant to para 1 (3) For establishing the existence of the grounds pursuant to art. 69, para. 1, item 2 of the ASUNE, the provisions of Art. 101, para. 1 and 2 of the ASUNE are applied.

Art. 60. (1) After assessing the circumstances and the given explanations and objections, the Chairman of the NRA shall undertake the following, namely: 1. revoke the certificate of competency issued pursuant to Art. 64, para. 2, item 1 of the ASUNE, with a motivated order, which contains: a) the legal basis for the issuance of the order, b) the factual grounds for issuing the order, c) a statement on the given explanations and objections; 2 sends a motivated request to the person who has issued a certificate of competency pursuant to Art. 64, para. 2, item 2 of the ASUNE, which in its turn revokes the certificate of competency by a motivated order with the content under item 1; 3. (New, SG No. 27/2015) when the person who has issued the certificate of competency pursuant to Art. 64, para. 2, item 2 of the ASUNE, does not take the actions for revocation of the certificate pursuant to art. 69, para. 2 of the ASUNE within 14 days, the chairman of the agency shall have the right to perform these actions directly (2) In the case of revocation of the certificate of legal competency by the order pursuant to para. 1 a time period shall be determined also, not shorter than 6 months and not longer than one year, in which the person cannot apply for obtaining a new certificate of competency for holding the same or a more responsible position. (3) (Supplemented, SG No. 27/2015) The order pursuant to para. 1 shall be handed over to the person, whose certificate of competency has been revoked, or to a person authorized by him. (4) A copy of the order pursuant to para. 1 shall be sent to the licensee, respectively to the holder of a permit, for carrying out activities in nuclear facilities or with SIR, who has hired the person, whose certificate of competency has been revoked. (5) (Amended, SG No. 53/2019) d.) A copy of the order for revocation of the certificate of competency, issued by a person pursuant to Art. 64, para. 2, item 2 of the ASUNE, shall be sent to the NRA.

Art. 61. Upon ascertainment of circumstances of importance under this section, the licensees and the holders of permits for carrying out activities in nuclear facilities and with SIR shall be obliged to immediately inform the NRA.

Chapter five

EXAMINATIONS FOR ACQUIRING A CERTIFICATE OF COMPETENCY

Section I

Composition and procedure for appointment of the qualification examination commission of the NRA

Art. 62. (1) (amend. SG 27/15) The qualification examination commission of the NRA shall be appointed by the chairman of the NRA by an order. (2) (Amended, SG No. 27/2015) Representatives of the NRA, the Ministry of Health, as well as other persons designated by the NRA Chairman who meet the conditions pursuant to para 5 shall take part in the commission. (3) The commission shall consist of a chairman, deputy chairmen, secretary and members (4) The chairman of the commission shall be the chairman of the NRA. The Deputy Chairmen and the Secretary of the Commission shall be employees of the NRA. (5) Bulgarian citizens who meet the requirements of Art. 66, para. 4 of the ASUNE can be appointed as members of the commission.

Art. 63. (1) The chairman of the commission shall direct its work and shall carry out general methodical management for the purpose of uniform application of the criteria for assessment of the knowledge during the examinations. (2) The chairman of the commission shall approve the examination documents for each specific position. (SG, issue 27 of 2015) The Chairman of the Commission may delegate in a written form part of his authorities to the Deputy Chairmen of the NRA. (4) (Amended, SG No. 27/2015) The authorities of a Chairman of the examination commission for a specific session may also be carried out by the deputy chairmen of the commission pursuant to Art. 62, para. 2, designated in a written form by a person pursuant to para. 3. (5) The secretary of the commission receives and processes the documents of the candidates and checks their compliance with the legislative requirements, organizes the conducting of the examinations, keeps the protocols of the examinations, organizes the issuance of the documents for competency, keeps the archives of the commission and carries out the entries in the respective public register.

Section II

Conducting examinations by the qualification examination commission of the NRA

Art. 64. (1) (Amended, SG No. 27/2015) For the positions pursuant to items 1.1, 2.1 and item 3, letter "c" of Annex No. 1, the examination before the qualification examination commission of the NRA shall consist of two parts: 1. a test or a written examination on a questionnaire announced in advance stating the duration of the examination; 2. oral examination on a questionnaire announced in advance. (2) (Amended, SG No. 27/2015) By a decision of the NRA Chairman for the positions pursuant to item 1.1, letters "a" - "c" of Annex No. 1, the examination may consist of three parts, as the candidate also takes a practical exam on a simulator. (3) (Amended, SG No. 27/2015) For the other positions pursuant to Annex No. 1, the examination before the qualification examination commission of the NRA shall be oral, according to a questionnaire announced in advance, which may also include a written solution of a management task or a case related to safety. (4) (New, SG No. 27/2015) For qualified radiation protection experts, the examination before the qualification examination

commission of the NRA is written and oral according to a questionnaire announced in advance, as: 1. the written examination includes solving a task with a practical focus and answers to specific questions related to the task; 2. the oral examination includes an interview on topics and questions on a questionnaire announced in advance.

Art. 65. (1) (suppl. SG 27/15) The test, respectively the written examination, shall be conducted by representatives of the NRA, determined by an order of the chairman of the NRA or by a person authorized by him pursuant to art. 63, para. 3, in which the place and the starting time of the examination shall be indicated. (2) The results of the test shall be checked by the secretary of the qualification examination commission of the NRA. (3) (Supplemented, SG No. 27/2015) The written work is assessed independently by three of the members of the qualification examination commission of the NRA, designated by an order of the Chairman of the NRA or by a person authorized by him pursuant to Art. 63, para. 3. (4) The test, respectively the written examination, shall be considered successfully passed if the result of the test is not less than 80 per cent of the maximum possible points, respectively if each of the three assessors pursuant to para. 3 has given a grade not less than good (4) on the six grade scale. (5) The candidates shall be notified of the results of the test, respectively of the written examination, not later than two working days after the conducting of the test and not later than 15 working days from the conducting of the written examination. (6) (New, SG No. 27/2015) For qualified radiation protection experts, the written and oral examination shall be conducted in one day. A candidate who has passed the written examination with a grade of at least 4.50 (six-grade system) shall be admitted to the oral examination. (7) (former para 6, SG No. 27/2015) When the candidate has failed the written examination, respectively the test, the candidate is entitled to a next appearance not earlier than one month after the date of the previous appearance.

Art. 66. (1) In the cases pursuant to art. 64, para. 1, the candidates who have successfully passed a test or a written examination shall be admitted to an oral examination. (2) In the cases pursuant to para. 1, the oral examination shall be held not later than one month from the date of the notification of the results from the test or from the written examination, as the candidate shall be notified of the holding of the oral examination not later than 3 working days in advance. - SG, issue 27 of 2015) (3) The examination shall be conducted by an examination commission, composed of members of the qualification examination commission of the NRA, designated by an order of the chairman of the NRA or by a person authorized by him pursuant to Art. 63, para. 3, in which the place and the starting time of the examination shall be indicated. (4) (Amended, SG No. 27/2015) The examination commission shall be composed of: chairman, secretary and three to five members. (5) Each member of the examination commission shall assess the candidate with a grade of "passed" or "failed". The examination is considered as successfully passed if all of the members of the commission have given grades "passed". (6) In the cases when only one grade "failed" has been given, the decision on the final grade shall be taken by the chairman of the examination commission after discussion with the other members of the commission. (7) The examination protocols shall be signed by all members of the commission.

Art. 67. (1) In case of unsuccessful passing of the oral examination the candidate shall have the right to repeat the oral examination not earlier than one month after the date of the first examination. The examination commission may determine a longer term for re-taking an oral examination, but not more than 6 months. (2) In case of a subsequent unsuccessful taking of the examination, the next oral examination may be taken not less than 6 months from the date of the previous examination. (3) (Supplemented, SG No. 27/2015) A condition for repeated and subsequent appearance

for an oral examination for the positions referred to in Annex No. 1 and for a full-scale simulator instructor shall be the passing of an additional specialized training under an individual program, which shall take into account the results of the previous examination.

Art. 68. (1) When for the issuance of a certificate for competency the passing of a practical examination pursuant to art. 64, para. (2) this examination is carried out before the oral examination (2) The practical examination shall be conducted on a simulator, corresponding to the future workplace of the applicant and operated by a person, to whom a license for specialized training has been issued. (3) The practical examination, the content of the examination, the composition of the examination commission and the evaluation criteria shall be determined in internal rules, approved by the NRA Chairman, specific for each power unit of a nuclear power plant. (4) In case of an unsuccessful practical examination, the provisions pursuant to art. 67 shall apply.

Section III

Conducting examinations by a qualification examination commission appointed by a person licensed for specialized training

Art. 71. (1) (Amended, SG No. 27/2015) The management of the entities who have received a license for specialized training under Chapter Three shall appoint qualification examination commissions. At the request of the NRA Chairman, a representative of the agency shall be included in the commissions. (2) Bulgarian citizens who meet the requirements pursuant to Art. 66, para. 4 of the ASUNE shall be appointed as members of the commissions. (3) (Amended, SG No. 27/2015) The NRA shall keep lists of the members of the qualification examination commissions of all entities who have been issued licenses for specialized training for activities in nuclear facilities and with SIR.

Art. 72. Only candidates who meet the conditions pursuant to Art. 66, para. 1, items 1 -3 of the ASUNE shall be admitted to an examination.

Art. 73. (1) (suppl. SG 27/15) The form, the content, the place of conducting and the duration of the examinations, the designation of the examination commissions, the form and the content of the examination protocols, the evaluation criteria, the minimum and the maximum number of candidates for one examination session, the procedure for elaboration, updating and approval of the tests and questionnaires shall be settled by the procedures for implementation of the activities for issuance of certificates of competency pursuant to Art. 65, para. 1, item 3, letter "c" of the ASUNE, on the basis of which the license for specialized training has been issued pursuant to Chapter 3. (2) The procedures pursuant to para. 1 must ensure objectivity in conducting the examinations and the assessment of the knowledge.

Chapter six

CONTROL ON THE IMPLEMENTATION OF THE CONDITIONS OF THE LICENSES AND THE CERTIFICATES OF COMPETENCY

Art. 74. (1) The Chairman of the NRA shall exercise control over the observance of the conditions of the issued licenses for specialized training and certificates for competency in accordance with the ASUNE and with the regulation. (2) The control pursuant to para. 1 shall be carried out by inspectors who are officials of the NRA staff and are appointed by an order of the NRA Chairman pursuant to the ASUNE and the NRA Rules of Procedure.

Art. 75. The NRA inspectors shall carry out inspections independently or jointly with representatives of other bodies, to which the law assigns the implementation of specialized control over the activity of the licensees and of the persons to whom certificates of competency have been issued.

Art. 76. The Chairman of the NRA manages the control activity of the NRA inspectors and in accordance with the legislative acts approves rules for carrying out the inspection activity, which determine the types of inspections, the periodicity and the manner of conducting them, the order for formulating the results of the inspections, the coordination, as well as other specific measures to ensure the lawful and exhaustive implementation of the control activity.

Art. 77. (1) For the results of the inspections the inspectors shall draw up a protocol of findings, to which they shall attach the evidence collected during the inspection. (2) The protocol shall be submitted to the inspected person, who has the right to give explanations and objections within 7 days of the receipt of the protocol. (3) Based on the results of the inspection, the inspectors may do the following, namely: 1. give obligatory prescriptions to the inspected persons; 2. draw up acts for administrative violations; 3. make proposals for modification, termination and revocation of the licenses for specialized training and for termination and revocation of the certificates of competency; 4. propose to the Chairman of the NRA the imposition of coercive administrative measures (4) In the cases pursuant to para. 3, item 3, when a certificate of competency has been issued by an entity pursuant to Art. 64, para. 2, item 2 of the ASUNE, the proposals made by the NRA inspectors for termination or revocation of a certificate of competency, included in the request of the NRA Chairman pursuant to Art. 69, para. 2 of the ASUNE, shall be obligatory to the entity pursuant to art. 64, para. 2, item 2 of the ASUNE. (5) The licensees and the persons, to whom certificates for competency have been issued, shall notify in their prescribed period of time the inspectors of the NRA for the undertaken actions in connection with the prescribed measures. (6) The NRA Chairman can impose the measure pursuant to art. 150, item 2 of the ASUNE also with regard to a certificate for competency, which is issued by an entity pursuant to Art. 64, para. 2, item 2 of the ASUNE.

ADDITIONAL PROVISIONS

§ 1. Within the meaning of the regulation: 1. "Applicant" means a person who:

a) has submitted or on whose behalf an application has been submitted in accordance with the regulation for issuing, amending, renewing or terminating a license for specialized training,

b) has submitted an application in accordance with the regulation for taking an examination before the NRA Qualification Examination Commission and for an issuing of a certificate of competency.

2. (Amended, SG No. 27/2015, SG No. 4/2016) "Identification data of the applicant" shall be the first name, patronymic and surname, the unique civil number, the place of birth, the permanent and current address in the Republic Bulgaria - for

persons, and the full name, registered office and address of management, the data from the registration document and the unique identification code or BULSTAT code, as well as the first, middle and last name of the persons who have representative authority according to the current registration - for legal entities and sole entities.

3. "Interactive computer-based training" is the training carried out through a computer, during which the computer provides data or questions, and the learner responds accordingly. The software used in computer-based training must retain all the necessary data so that learners can be identified at all times and the effectiveness of the training completed so far can be assessed.

4. "Competence" is the ability to use in practice the knowledge, skills and experience defined in the job descriptions, as well as the personal attitude of the person in order to perform activities within the position or workplace in a way that ensures safety. Competence can be created through education, experience and specialized training.

5. (Amended, SG No. 27/2015) "Safety culture" is a set of characteristics and attitudes both in the entire organization as well as in the individuals, which sets as the main priority that the issues related to safety should receive the necessary attention depending on their significance.

6. "Mentor" is qualified for a certain position and at a certain workplace person, which is entrusted with the implementation of on-the-job training, according to the individual curriculum of the trainee.

7. "Systematic approach to training" is an approach to specialized training, which ensures logical development of the process from the establishment of competencies required to perform a particular job, through the development of relevant curricula to the implementation of specialized training and subsequent evaluation of effectiveness and the quality of this training. The systematic approach to training consists of five stages - analysis, design, development, implementation and evaluation, and is described in the "International Atomic Energy Agency Safety Standards Series NS-G-2.8".

8. "Training course" is a part of the specialized training, which covers a certain field of knowledge and/or skills. The training course consists of several topics, and several courses make up the curriculum. The course is conducted in one or several of the forms pursuant to Art. 13, para. 1.

§ 1a (New, SG No. 4/2016) (1) The Chairman of the NRA and employees of the Agency authorized by him shall have the right of access to the National Population Database kept by the Ministry of Regional Development and Public Works. (2) The Ministry of Regional Development and Public Works through the General Directorate "Civil Registration and Administrative Services" shall provide to the persons pursuant to para. 1 the following information from the Population Register - National Population Database: 1. PIN; name (first name, patronymic and surname); 3. name changes; 4. Place of birth; 5. permanent address; 6. current address; 7. identity document 8. data for demise (date of death and number, date and place of drawing up the act) (3) The information pursuant to para. 2 shall be provided free of charge to the NRA only for official purposes in compliance with the requirements of the Personal Data Protection Act.

§ 2. (Amended, SG No. 27/2015) Before being give unaccompanied access within the boundaries of the nuclear power plant site, the persons outside of the state control bodies and the personnel of the licensee or the holder of a permit for carrying out activities in nuclear facilities shall pass specialized training as follows: not less than one working day if they perform activities outside the controlled area, and not less than

three working days if they perform activities in the controlled area. The training is valid for a period of one year. In case of repetition of the training in a period, which is not more than 2 and a half years, the same is carried out in a reduced volume.

§ 3. (Amended, SG No. 27/2015) The head of a nuclear power plant and his deputy must meet at least the following requirements: higher education in natural or technical sciences and work experience of not less than 7 years in a managerial position in the field of the use of nuclear energy or ionizing radiation, management of radioactive waste or spent fuel, as well as in the field of state regulation of the safe implementation of these activities.

§ 4. The persons, who intend to submit an application for issuance of a license pursuant to the regulation, may beforehand request the chairman of the NRA to express an opinion on certain issues of procedural character.

§ 5. The Chairman of the NRA approves by order samples of applications and other documents, which are announced on the official website of the NRA on the Internet.

TRANSIENT AND FINAL PROVISIONS

§ 6. The initiated procedures for issuing certificates of competency shall be completed according to the existing order. § 7. Certificates of competency, issued before the entry into force of the regulation, shall retain their validity until the expiration of the term for which they have been issued. § 8. (1) The persons, who as of the date of entry into force of the regulation carry out specialized training pursuant to the ASUNE, shall bring their activity in compliance with the requirements of the regulation within two years. 1 the persons pursuant to par. 1 shall carry out the training according to the current order in observance of the requirements pursuant to art. 23 and 28 of the regulation. (3) Until the expiration of the term pursuant to par. 1, the successfully completed training, performed by persons pursuant to para. 1, shall be considered as training in the sense of art. 66, para. 1, item 3 of the ASUNE for the purposes of issuing a certificate of competency.

§ 9. The existing nuclear power plants for which a license for operation has been issued, which as of the date of entry into force of the regulation have not provided an opportunity for training on a full-scale simulator that meets the requirements of Art. 24, item 1, shall be obliged to provide such training by January 1, 2007.

§ 10. The persons, who until the entry into force of the regulation have held positions according to the annex, retain their rights, regardless of whether they meet the requirements for acquired educational qualification degree and work experience. § 11. The NRA Chairman appoints the commission pursuant to Art. 62 within 3 months from the entry into force of the regulation. § 12. (1) (former text of § 12 - SG, issue 27 of 2015) The Chairman of the NRA shall give instructions for the application of the regulation and issue manuals, methodologies and other documents for its implementation. (2) (New, SG No. 27/2015) The Chairman of the NRA shall give instructions pursuant to para. 1 for the activities and sections for each of the fields, as well as for the requirements to the qualification of the persons pursuant to art. 26, para. 2, item 3. § 13. The regulation is adopted on the grounds of art. 65, para. 3 and Art. 71 of the Act on the Safe Use of Nuclear Energy.

TRANSITIONAL PROVISION to Decree No. 79 of the Council of Ministers of 6 April 2015 amending and supplementing the Regulation on the terms and conditions for acquiring professional qualifications and on the procedure for issuing licenses for specialized training and certificates of competency for use of nuclear energy (SG, No. 27 of 2015) § 47. (1) The persons, who as of the date of entry into force of this decree carry out specialized training within the meaning of the ASUNE, shall bring their activity in compliance with the requirements of the regulation within one year.

(2) Until the expiration of the indicated term the persons pursuant to para. 1 shall perform the respective activity according to the current order. (3) The persons, who as of the date of entry into force of this decree conduct specialized training on a simulator, shall continue to perform this activity on the basis of the valid certificates for competency until the expiration of the term for which they have been issued.

List of the positions, whose functions include the performance of activities pursuant to Art. 20, para. 3 (Title amended, SG No. 4/2016)

1. Nuclear power plants

1.1. (Amended, SG No. 27/2015) Operational personnel and instructor on a full-scale simulator) reactor operator of a nuclear power unit: -functions -under the direction of the chief operational officer of a nuclear power unit controls and safely manages the nuclear reactor systems connected to it, monitoring the processes through the devices and the signaling of the Main control room and directly manipulates through the systems management; during refuelling carries out the operational management of all manipulations of the nuclear power reactor or its systems and controls the implementation of the repair activities in the reactor hall; the workplace of the operator of a nuclear power unit in normal operation is at the main control room of the respective nuclear power unit, during refuelling - on the site of the open nuclear reactor, and in emergency situations where control is impossible from the main control room - on the backup control panel;

-educational qualification -master;

-area of higher education -technical sciences;

-professional field -energy;

-specialty -nuclear energy;

-work experience -not less than 3 months as an operator in the reactor hall;

b) chief operational manager of a nuclear power unit: -functions -performs the operational management of the operation of the nuclear power unit, monitoring the processes through the devices and signaling of the main control room and manages the activities of the operational personnel of the unit directly or through the operators of the main control room; during refueling carries out the operational management of all manipulations on the systems of the nuclear power unit and controls the implementation of the repair activities; the workplace of the chief operational manager of a nuclear power unit in normal operation is the main control room of the respective nuclear power unit, and in emergency situations where control is impossible from the control unit - the backup control panel; in case of more than one power unit the chief operational officer of a nuclear power unit is subordinated operationally to the chief operational officer of the nuclear power plant, and if the nuclear power plant has one nuclear power unit, performs its functions;

-educational degree –master; technical sciences; -professional field -energy; -specialty -nuclear energy; -work experience -not less than 3 years as a reactor operator at a nuclear power unit;

c) Chief Operating Officer of a nuclear power plant: -functions -for nuclear power plants with more than one nuclear power unit, implements the operational management of the operation of the nuclear power plant, coordinating and directing the work of the chief operational managers of the nuclear power units and the plant managers of local operators, and through them - the entire operational staff of the shift; -educational qualification -master; technical sciences; -professional field -energy; -specialty -nuclear energy - work experience - not less than 3 years as chief operational officer of a nuclear power unit;

d) (supplemented, SG No. 27/2015) controlling physicist of a nuclear power unit: - functions - during the start-up operations of the nuclear power unit shall control their implementation from the point of view of compliance with the requirements of nuclear safety and, if necessary, immediately notifies and advises the chief operational officer of a nuclear power unit or the chief operational officer of a nuclear power plant; in case of nuclear fuel transportation, carries out the direct operational management of the operators of the respective fuel transport facilities; in the process of refuelling controls the observance of the measures for ensuring the nuclear safety; the workplace of the supervising physicist of a nuclear power unit during start-up operations is on the main control room, when refueling - on the site of the open reactor, when the nuclear fuel is in transport - on the control panel of the respective fuel transport equipment or near it; degree - master; - field of higher education - natural sciences; - professional field - energy; physical sciences; -specialty -nuclear energy, nuclear physics;

e) (New, SG No. 27/2015) instructor on a full-scale simulator: - functions - plans, develops, conducts and evaluates specialized training on topics related to the necessary knowledge and skills for effective and efficient management of the technological processes of the nuclear power plant, as well as the control of the reference unit as a whole in all possible modes, has a key role in ensuring compliance in the behavior of the simulator with that of the reference unit, checks the proposals for modernization of equipment and system reference unit, checks the operating instructions from the control panel, training and maintenance of the qualification of the operators of the control unit, collects, processes and analyzes the information about the mistakes, incompleteness or inadequacy of introduction, skills and knowledge during the simulation classes, checks the compliance of the simulator with the reference unit; -Educational qualification professional degree - master's degree - field of higher education - technical sciences - professional field - energy - specialty - nuclear energy - work experience - not less than 3 years as chief operational officer of a nuclear power unit or a nuclear power plant;

1.2. Managerial personnel - chief engineer of a nuclear power unit or of a nuclear power plant:

-functions -performs the overall management of the operation of the nuclear power unit (nuclear power plant), while being responsible for all aspects of nuclear safety and radiation protection; gives orders, controls, coordinates and provides with the necessary resources the activity of its directly subordinate heads of structural units, and through them - to the whole personnel of the respective nuclear power units, respectively to the nuclear power plant; -educational degree -master; - technical sciences; - professional field - energy; specialty – nuclear engineering, working experience not less than 7 years in total as chief operational officer of a nuclear power unit or as a chief operational officer of nuclear power plant or as a manager pursuant to item 1.2 letters "b" - "e";

(b) the head of a structural unit responsible for the operation, the organization of operation, the technology of a nuclear power unit or nuclear power plant or its engineering support; chief technologist of a nuclear power unit or a nuclear power plant:

-functions -under the direction of the chief engineer or -depending on the organizational structure -under the direction of another direct manager carries out the general management of the respective activity, being responsible for its safe performance; gives orders, controls and coordinates the activity of the heads directly subordinated to it at the structural unit, and through them - to the entire staff from the structural units performing the specified activity of the nuclear power units, respectively to the nuclear power plant; technical sciences; -professional field -energy; -specialty - nuclear energy; -work experience -not less than 5 years in total as chief operational officer of a nuclear power unit or as chief operational officer of a nuclear power plant;

c) head of a structural unit responsible for the repair, organization of the repair or maintenance of a nuclear power unit or nuclear power plant: -functions -under the direction of the chief engineer -depending on the organizational structure -under the direction of another direct manager pursuant to letter "b" carries out the general management the repair, organization of the repair or maintenance of a nuclear power unit or nuclear power plant, being responsible for its safe and quality performance; gives orders, controls and coordinates the activity of the heads of structural units directly subordinated to him, and through them - of the entire staff of the structural units performing the specified activity of the nuclear power units, respectively the nuclear power plant; - educational qualification degree - master; education - technical sciences; - professional field - energy; - specialty - nuclear energy; - work experience - not less than 5 years in total in positions related to the repair, organization of repair or maintenance of nuclear power unit or nuclear power plant, whose functions include the performance of activities that have an impact on safety;

(d) the head of a structural unit responsible for the control of the nuclear safety of a nuclear power unit or nuclear power plant: -functions -under the direction of the chief engineer or -depending on the organizational structure the nuclear safety nuclear power unit or nuclear power plant; issues orders, controls and coordinates the activity of the heads directly subordinated to it at the structural unit, and through them - to the entire personnel from the structural units performing the specified activity of the nuclear power units, respectively to the nuclear power plant; - educational qualification degree - master; education technical sciences or natural sciences; -professional field-energy; physical sciences; -specialty -nuclear energy; -work experience -not less than 5 years in total as chief operating officer of a nuclear power unit or as chief operational officer of a nuclear power plant or another position, whose functions include performing activities that affect the safety;

e) (amended and supplemented, SG No. 27/2015) head of a structural unit responsible for radiation protection or emergency preparedness of a nuclear power unit or a nuclear power plant: -functions -under the supervision of the chief engineer or/depending on the organizational structure - under the leadership of another direct manager pursuant to letter "b" carries out the general management of the control and the implementation of the respective activity of a nuclear power unit or nuclear power plant; gives orders, controls and coordinates the activity of the directly subordinated heads of structural units, and through them - to the whole staff of the structural units performing the indicated activity of nuclear power units, respectively to the nuclear power plant; - educational qualification degree - master; education natural sciences or technical sciences; -professional field -physical sciences; energy; -specialty -nuclear

energy; -work experience -not less than 5 years in total as chief operating officer of a nuclear power unit or as chief operating officer of a nuclear power plant or another position, whose functions include performing reliability affecting safety;

f) (amended, SG No. 27/2015) Head of a structural unit responsible for nuclear safety, radiation protection or emergency preparedness of a nuclear power plant: - functions - under the direction of the director of the nuclear power plant carries out the overall management and ensures the performance of the respective activities in the nuclear power plant; gives orders, controls and coordinates the activities of the heads of structural units directly subordinated to him, and through them - to the entire staff of the structural units performing the specified activity of the nuclear power plant; - educational degree -master; -professional field -physical sciences; energy; -specialty - nuclear energy; -work experience -not less than 7 years in total as chief operating officer of a nuclear power unit or as chief operating officer of a nuclear power plant or another position included in item 1.2, letters "a" - "e";

1.3. (New, SG No. 27/2015) Qualified expert on radiation protection at a nuclear power plant: - functions - performs consulting activities in order to ensure effective protection of personnel and proper use of means of protection, optimization in determining the appropriate border areas, performs assessment of the exposure dose of the personnel, categorization of the controlled and monitored areas, prepares the program for monitoring of the environment, makes classification of the personnel, determines appropriate means for radiation monitoring and measures for management of radioactive waste; - educational qualification degree - master, - field of higher education - natural sciences or technical sciences, - professional field - physical sciences, energy, - specialty - nuclear energy, nuclear physics, - work experience - not less than 5 years of position related to activities for the provision and control of radiation protection.

2. Research reactors 2.1. Operational personnel (suppl. - SG, iss. 27 in 2015) operator of a nuclear research reactor: -functions -under the direction of the chief operational officer a nuclear research reactor controls and manages the safety of the nuclear research reactor and the related systems, monitoring the processes through the instruments and the signaling of the main control room of the research nuclear reactor and directly manipulates through the control panels; during refueling carries out the direct operational management of the operators of the respective facilities for fuel transport and controls the observance of the measures for ensuring the nuclear safety; the workplace of the nuclear research reactor operator during normal operation is at the main control room of the respective research nuclear reactor, during refuelling - at the site of the research nuclear reactor, and in emergency situations when it is impossible to control through the main control room from the back up control panel.; - educational qualification degree - master; -area of higher education -technical sciences or natural sciences; -professional field -energy; physical sciences; -specialty -nuclear energy, nuclear physics;

b) (supplemented, SG No. 27/2015) Chief Operating Officer of a nuclear research reactor: functions – implements the operative management of the operation of the nuclear research reactor, following the processing through the instrumentation at the main control room, allows and controls the performance of experiments; the workplace of the chief operational officer of a nuclear research reactor in normal operation is at the main control room of the respective nuclear research reactor, and in emergency situations where control is impossible from the main control room - to the reserve control panel; -educational-qualification; ; -area of higher education -technical sciences

or natural sciences; -professional field -energy; physical sciences; -specialty -nuclear energy, nuclear physics.

2.2. Managerial personnel (amended and supplemented, SG No. 27/2015) Chief Engineer of the Research Nuclear Reactor: - Functions ; Implements the overall management of the operation of the research nuclear reactor being responsible for all aspects of nuclear safety and radiation protection, gives orders, controls, coordinates and provides with the necessary resources the activity of the heads of structural units directly subordinated to him, and through them - to the whole staff; - educational qualification degree - master; - field of higher education - technical sciences; - professional direction - energy - specialty - nuclear energy, nuclear physics; - work experience - not less than 5 years in a position under item 2.1, letter "b", or 7 years in a managerial position in the field of nuclear energy use;

b) (amended, SG No. 27/2015) Head of a structural unit responsible for the operation, organization of operation or technology of a research nuclear reactor, including the experimental activity: - functions - under the direction of the chief engineer of the research nuclear reactor carries out the overall management and ensures the performance of the relevant activity in the research nuclear reactor; gives orders, controls and coordinates the activity of the heads of structural units directly subordinated to him, and through them - to the whole staff of the structural units, performing the indicated activity, as well as to the personnel, performing experimental activity; higher education - technical sciences; - professional field - energy; - specialty - nuclear energy, nuclear physics; - work experience - not less than 3 years in a position pursuant to item 2.1, letter "b", or 5 years in a senior position in the field of nuclear energy;

c) (amended, SG No. 27/2015) head of a structural unit responsible for the repair, organization of the repair or maintenance of the research nuclear reactor: - functions - under the direction of the chief engineer of the research nuclear reactor, performs the general management of the repair, organization, repair or maintenance of the research nuclear reactor, responsible for its safe and quality performance; gives orders, controls and coordinates the activities of his directly subordinate heads of structural units, and through them - the entire staff of the structural units performing the specified activity; - educational qualification degree - master; - field of higher education - technical sciences; - specialty - nuclear energy, nuclear physics - work experience - not less than 3 years in a position pursuant to item 2.1, letter "b", or 5 years in a managerial position in the field of nuclear energy use;

d) (amended, SG No. 27/2015) Head of a structural unit responsible for the control of the nuclear safety of a research nuclear reactor, including in the experimental activity: - functions - under the direction of the chief engineer of the research nuclear reactor controls and ensures the nuclear safety of a research nuclear reactor during operation and refuelling, including during the experimental activity; gives orders, controls and coordinates the activities of the heads of structural units directly subordinated to him, and through them - of all the staff of the structural units performing the specified activity; experiments of the research nuclear reactor are carried out after obtaining its consent; -educational qualification -master; -area of higher education -technical sciences or natural sciences; -professional field -energy; physical sciences; -specialty -nuclear energy, nuclear physics; -work experience –not less than 3 years in a position pursuant to item 2.1, letter "b", or 5 years in a managerial position in the field of nuclear energy use;

e) (amended, SG No. 27/2015) Head of a structural unit responsible for radiation protection, emergency preparedness or quality assurance in the operation of a research

nuclear reactor, including in the experimental activity: -functions -under the management of the chief engineering research nuclear reactor controls and ensures the relevant activity of the research nuclear reactor during operation and refuelling, including during the experimental activity; gives orders, controls and coordinates the activity through the heads of structural units subordinated to him, and through them - to all the staff from the structural units, performing the indicated activity; experiments of the research nuclear reactor are carried out after obtaining the consent of the head of the structural unit responsible for radiation protection; -educational qualification - master; -area of higher education -technical sciences or natural sciences; -professional field -energy; physical sciences, - specialty - nuclear energy, nuclear physics; - work experience - not less than 3 years in a position pursuant to item 2.1, letter "b", or 5 years in a managerial position in the field of nuclear energy use.

3. Other nuclear facilities a) (suppl. - SG, iss. 27 in 2015) chief engineer of the nuclear facility: - functions - carries out the overall management of the operation of the nuclear facility, while being responsible for all aspects of nuclear safety and radiation protection; gives orders, controls, coordinates and provides with the necessary resources the activity of the heads of structural units directly subordinated to him, and through them - to the whole staff; - educational qualification degree - master; - field of higher education - technical sciences or natural sciences; direction - energy; physical sciences, chemical sciences; -specialty -nuclear energy, nuclear chemistry, radiochemistry, nuclear physics; -work experience -not less than 3 years in total in positions pursuant to item 1.1, letters "a" - "c" or under item 1.2 or 5 years in total for positions under item 1.1, letter "d" and under item 2.1, or 5 years of work experience in a managerial position in the field of radioactive waste and spent fuel management;

b) (supplemented, SG No. 27/2015) head of a structural unit responsible for nuclear safety, radiation protection or emergency preparedness of the nuclear facility: - functions - under the direction of the chief engineer of the nuclear facility or depending on the organizational structure under the management of another direct supervisor, exercises control and ensures the respective activity of the nuclear facility; gives orders, controls and coordinates the activities of the heads of structural units directly subordinated to him, and through them - to the entire staff of the structural units performing the specified activity; - educational qualification degree - master; - field of higher education - technical sciences or natural sciences; professional field - energy; physical sciences, chemical sciences; -specialty -nuclear energy, nuclear chemistry, radiochemistry, nuclear physics; -work experience -not less than 3 years in total in positions pursuant to item 1.1, letters "a" - "c" or pursuant to item 1.2 or 5 years in total for positions pursuant to item 1.1, letter "d" and pursuant to item 2.1, or 5 years of work experience in a managerial position in the field of radioactive waste and spent fuel management;

c) (New, SG No. 27/2015) controlling physicist of a nuclear facility: - functions - shall carry out the operational management of all activities related to the transport of spent nuclear fuel, while controlling the implementation of the nuclear safety requirements during the nuclear hazardous works, develops and verifies documents - programs for transport, relocation and inspection of nuclear fuel, schedules, instructions, methods, procedures, etc .; - educational qualification degree - master; - area of higher education - natural sciences, technical sciences; - professional field - energy, physical sciences; - specialty - nuclear energy, nuclear physics. Note. The indicated job titles are indicative. The main criteria for determining affiliation to this list are the functions performed, not the title of the position.

Courses that must be included in the initial training curricula:

1. For personnel of the first group pursuant to Art. 26, para. 2, item 1: a) ionizing radiation, b) methods and means of measurement, basic dosimetric quantities and units, c) biological action of ionizing radiation in external and internal exposure of the organism, d) basic principles and methods of radiation protection in work with sealed and unsealed sources, e) dose limits for personnel and the population, f) ALARA principle, g) rules for activities to reduce exposure, h) regulatory framework, i) emergency planning and emergency preparedness in case of radiation accident. 2 . For personnel from the second group pursuant to Art. 26, para. 2, item 2: a) ionizing radiation, b) methods and means of measurement, basic dosimetric quantities and units, c) biological action of ionizing radiation in external and internal exposure of the organism, d) basic principles and methods of radiation protection in work with sealed and undealed sources, e) dose limits for the personnel and the population, f) the ALARA principle, g) rules for activities to reduce exposure, h) in the field of medicine - optimization of medical exposure and patient protection, and k) emergency planning and emergency preparedness in case of radiation accident.