



*(date of official publishing in the Unified Register of Environmental Impact Assessment
(automatically generated by the software of the Unified Register of Environmental Impact Assessment management, is not specified by the economic entity)*

*(registration number of the case on environmental impact assessment of the planned activity
(automatically generated by the software of the Unified Register of Environmental Impact Assessment, for the hard copy is specified by the economic entity)*

NOTIFICATION on the activity subject to Environmental Impact Assessment

State Enterprise «National Nuclear Energy Generating Company «Energoatom»
EDRPOU 24584661
(full name of the legal entity, code as per EDRPOU)

informs about the intention to perform activity and its environmental impact assessment.

1. Information about the economic entity

Separate Subdivision «Rivne NPP» of the State Enterprise «National Nuclear Energy Generating Company «Energoatom» (SS RNPP SE «NNEGС «Energoatom»); 34400, Varash, Rivne oblast, Ukraine, e-mail: Office@rnpp.atom.gov.ua, fax: (+38 03636) 2-23-49, <https://www.rnpp.rv.ua>
(location of the legal entity or place where the individual entity –enterprise is intended to perform activity (postal code, address), telephone)

2. Activity, its characteristics, technical alternatives

Generation of electrical and thermal energy using nuclear power (water-cooled water-moderated nuclear thermal reactors VVER-440 and VVER-1000) at the specific nuclear installation lifetime stage «Operation».

Technical alternative – no (the economic entity is an operational facility and operates nuclear power units).

3. Place of activity, territorial alternatives

Place of activity: territorial alternative – no (the economic entity is an operational facility and operates nuclear power units).

4. Social and economic impact of activity

Social and economic substantiation of the activity is the supply of electrical and thermal energy to the public and industry. Activity performance provides for social and economic compensation of risk for the population living within the NPP surveillance area and the number of measures regarding radiological impact protection.

5. General technical characteristics, including planned activity parameters (power capacity, length, area, production scope etc.)

SS RNPP power units 1-4 with installed capacity of 2835 MW, used area – 4.8 square kilometers, radius of controlled access area – 2.5 km around NPP, surveillance area radius – 30 km around NPP. SS «Rivne NPP» site (51°19'44.2"N 25°52'11.5"E) is located in the town of Varash Rivne oblast on the right bank of Styr river. The distance from Rivne NPP site to Kyiv is 345 km, to the state border of the Republic of Belarus is 60 km, Poland – 135 km, the Slovak Republic – 350 km, Hungary – 415 km, the Republic of Moldova – 330 km, Romania – 350 km.

6. Ecological and other constraints of the planned activity under the alternatives:

- Regarding technical alternative – no;
- Regarding territorial alternative – no.

7. Necessary ecological and engineering preparation and protection of the territory under the alternatives

No.

8. Sphere, sources and types of possible environmental impact under the alternatives

No.

9. Reference of the planned activity to the first or second category of activities and facilities that may have a significant impact on the environment and are subject to environmental impact assessment (specify corresponding paragraph and part of Article 3 of the Law of Ukraine «On Environmental Impact Assessment»)

The activity is assigned to the first category of activities and facilities that may have a significant impact on the environment and are subject to environmental impact assessment (part 2 paragraph 2 of Article 3 of the Law of Ukraine «On Environmental Impact Assessment»).

10. Availability of grounds for transboundary environmental impact assessment (including the significant negative transboundary environmental impact and the list of countries that may be affected by the significant negative transboundary environmental impact (affected countries))

Transboundary and radiological impact on the environment and population of SS RNPP will be assessed only based on radioactive releases under normal operation, as well as emergency conditions and design basis accidents. Chemical and physical impacts are neglected based on the level of their impact limited by controlled access area of SS RNPP (2.5 km around NPP). Affected countries: Republic of Belarus, Republic of Poland, Slovak Republic, Hungary, Romania, Republic of Moldova.

11. Planned scope of research and level of detail of the information to be included to the environmental impact assessment report

The assessment will be carried out in the scope defined in par 2 of Article 6 of the Law of Ukraine «On Environmental Impact Assessment»:

1) Activity description, including:

- description of the place of activity;
- activity objective;
- description of activity characteristics during activity performance, including (if necessary) dismantling works, necessity to (limit) use the land;
- description of activity main characteristics (production processes), for example, type and quantity of natural resources (water, land, soils, biodiversity), being used;
- assessment by the type and quantity of waste (including radioactive waste), radioactive and non-radioactive releases (discharges), contamination of water resources, air, soils and the earth's interior, noise, vibration, light, thermal and radiological contamination, and other types of emissions occurring in the course of activity performance;

2) Description of justified activity alternatives, main reasons for choosing the proposed option considering ecological consequences;

- 3) Description of the environmental factors affected by the further operation of power units, including population health, condition of fauna, flora, biodiversity, land, soils, water, air, climatic factors (including climate changes and greenhouse gas releases), tangible objects together with architectural and cultural assets, landscape, social and economic conditions and interrelations between these factors;
- 4) Description and evaluation of the possible environmental impact during further Rivne NPP power units operation, specifically amount and scale of such impact (affected area and number of population), character (including transboundary), intensity and complexity, probability, beginning, duration, frequency and irreversibility of the impact (together with direct and indirect, collateral, cumulative, transboundary, short-term, medium-term and long-term, permanent and temporary, positive and negative impact), caused by:
 - Usage of natural resources during activity performance, particularly land, soils, water and biodiversity;
 - Releases or discharges of contaminants (both radioactive and non-radioactive), noise, vibration, light, thermal and radiation contamination and other influencing factors, as well as waste (including radioactive) management activities;
 - Risks imposed to the people's health, cultural heritage objects and environment, including due to the possibility of emergency situation occurrence;
 - Cumulative impact of other facilities with consideration of all existing ecological issues associated with areas of special reservation importance, which can be affected or be the areas for nature management (usage);
 - Impact of RNPP power units operation on the climate, including character and scale of greenhouse gas releases and sensitivity of such activity to the climate changes;
 - Used technology and materials;
- 5) Description of predicting methods used for environmental impact assessment specified in paragraph 3, and assumptions taken as a basis of such prediction, as well as used environment condition data;
- 6) Description of the measures aimed at prevention, avoiding, reduction, elimination of significant negative impact including (if possible) compensating measures;
- 7) Description of the expected significant negative environmental impact of the activity related to power unit operation, resulted from vulnerability of such activity to the risks of emergency situations and design basis accidents, measures to prevent or mitigate emergency situations and design basis accidents impact on the environment and response measures to emergency situations and design basis accidents;
- 8) Identification of all difficulties (technical deficiencies, absence of sufficient technological tools or knowledge) revealed during the preparation of environmental impact assessment report;
- 9) All comments and propositions received by the authorized central body after publishing of the notification of activity, as well as the tables specifying the information about full, partial consideration or justification regarding rejection of comments and propositions made at the public discussion, received in the manner provided for in part 7 of Article 5 of the Law of Ukraine "On Environmental Impact Assessment";
- 10) Transboundary environmental impact assessment with consideration of emergency situations and design basis accidents;
- 11) Short content of the Program on the environmental impact monitoring and control when performing the activity;
- 12) Non-technical summary of the information specified in para 1-10, considered for the wide audience;
- 13) List of references indicating the sources used for description and assessments contained in the environmental impact assessment report.

12. Procedure for environmental impact assessment and possibility for the public to participate in it Activity planned by the economic entity may significantly affect the environment and, therefore, is subject to environmental impact assessment according to the Law of Ukraine «On Environmental Impact Assessment». Environmental impact assessment is the procedure that provides for:

- Preparation by the economic entity of the environmental impact assessment report;
- Public discussion of the planned activity;
- Review by the authorized body of the environmental impact assessment report, any additional information provided by the economic entity, as well as the information received from the public during public discussion, when assessing transboundary impact, other information;

- Submission by the authorized body of the reasonable conclusion on environmental impact assessment taking into account the results of analysis provided for in previous paragraph.

Environmental impact assessment procedure envisages the right and possibilities for the public to participate in this procedure, particularly during the discussion of research scope and level of detail of the information to be incorporated to the environmental impact assessment report and during the review by authorized body of submitted by the economic entity environmental impact assessment report.

At the stage of public discussion of the environmental impact assessment report during at least 25 working days, the public is given an opportunity to provide any comments and propositions to the environmental impact assessment report and planned activity, as well as to participate in the public hearings. The details regarding the procedure of the public discussion of environmental impact assessment report will be given in the announcement of the beginning of public discussion.

13. Public discussion of research scope and level of details of the information to be incorporated to the environmental impact assessment report

During 20 working days from the date of the notification publishing on the authorized body official website the public has the right to submit to the authorized body, indicated in paragraph 15 of this notification, any comments and propositions regarding planned activity, scope of research and level of detail of the information to be incorporated to the environmental impact assessment report.

Providing these comments and propositions it is necessary to indicate the registration number of the planned activity environmental impact assessment case in the Unified Register of Environmental Impact Assessment (specified at the first page of this notification). It will significantly facilitate the process of registration and consideration of your comments and propositions.

Once the comments and propositions are received they will be stated in the Unified Register of Environmental Impact Assessment and submitted to the economic entity (within three working days from the date of receipt). Individuals providing comments and propositions, by their signature, confirm their consent to the processing of their personal data. The economic entity while preparing the environmental impact assessment report shall take into account fully or partially or reasonably reject the comments and propositions of the public provided during the public discussion of the research scope and level of detail of the information to be incorporated to the environmental impact assessment report. Detailed information about it is included in the environmental impact assessment report.

14. Resolution on the performance of planned activity

State expertise of nuclear and radiation safety with consideration of environmental impact assessment. Environmental impact assessment is carried out pursuant to par 70 of Decision VI/2 of the 6th Meeting of the Parties to the Espo Convention taking into account the recommendations of the 30th session of the Convention Implementation Committee (part f) par 65).

15. All comments and propositions of the public to the planned activity, research scope and level of detail of the information to be included to the environmental impact assessment report shall be sent to

The Ministry of Ecology and Natural Resources of Ukraine, 03035, Kyiv, 35 Mytropolyt Vasyl Lypkivsky St., Environmental impact assessment department: m.shimkus@menr.gov.ua,
(044) 206-31-15, (044) 206-31-64

(authorized body, postal address, e-mail, telephone, contact person)