

DVAS
2022-10-25 No DVSta-0101-18VI

APPROVED
by the decision of the Board of the State
Enterprise Ignalina Nuclear Power Plant
(Minutes No 2022-16/VPP-17(1.160E) of
25 October 2022)

THE DECOMMISSIONING POLICY OF THE STATE ENTERPRISE IGNALINA NUCLEAR POWER PLANT

The decommissioning policy of the State Enterprise Ignalina Nuclear Power Plant (hereinafter – the INPP, the enterprise) has been developed in accordance with the International Atomic Energy Agency document No SSG-47 “Decommissioning of nuclear power plants, research reactors and other nuclear fuel cycle facilities”, the Strategy of the activities of the State Enterprise Ignalina Nuclear Power Plant, DVSta-0108-5, the Management system manual of the State Enterprise Ignalina Nuclear Power Plant, DVSta-0108-4, and the Description of the procedure for the development of 1st and 2nd level documents of the management system of the State Enterprise Ignalina Nuclear Power Plant, DVSta-0208-2.

The objective of this policy is to set out the obligations of the INPP management for the main principles and objectives to be complied during the decommissioning of the nuclear facility (NF).

This policy replaces the decommissioning policy of the State Enterprise Ignalina Nuclear Power Plant, DVSta-0108-7V3.

Clearly understanding that the management of the INPP, under the leadership of the enterprise’s Director General, is fully responsible for the safe decommissioning of the INPP in accordance with the requirements of all legal acts of the Republic of Lithuania, complying with international requirements and recommendations, as well as having regard the fact that most of the decommissioning works are financed by the European Union funds, we hereby declare that in order to ensure the safe decommissioning of the INPP, and to realise the vision and the mission of the INPP, the following objectives and principles are being implemented:

1. The objective of the decommissioning is to carry out the works on the final shutdown and decommissioning of the Ignalina Nuclear Power Plant properly and safely, as well as to handle radioactive waste present and to be generated on the territory of Lithuania. The main long-term planning document is the Final decommissioning plan (FDP), and decommissioning projects are managed in accordance with best international practices and standards ISO 20500 and PMBOK.

2. This objective is achieved through mutually coordinated, time-limited and resource-limited projects, which are structured and constitute the INPP decommissioning megaproject. The public is informed continuously about the INPP decommissioning projects and its progress through the INPP external website, LinkedIn and Facebook accounts.

3. In order to minimise the volume of radioactive waste (RW), it is incinerated, pressed, liquid waste is hardened, all RW will be disposed into the RW repositories and maintained there until it is confirmed that it is no longer radioactive.

4. The INPP decommissioning projects are performed safely and efficiently that prevent the negative impact caused by the decommissioning works, modifications, containment, decontamination and dismantling works to the equipment and systems important to safety which are left in operation.

5. Maintenance of the INPP facilities, buildings and structures, handling of spent nuclear fuel in storage facilities is carried out strictly in accordance with the requirements of normative legal acts of the Republic of Lithuania and the procedures established at the enterprise.

6. Operating personnel must at any time know the configuration, condition and parameters of the facilities and systems that he manages and maintains, as well as know the own actions in the event of deviations from normal operation and emergency situations.

7. Safe handling of liquid and solid radioactive waste, conditionally non-radioactive and industrial waste generated during the decommissioning, with minimal negative impact on personnel, population, the environment.

8. The limitation of personnel exposure and the reduction of dose loads are ensured during the decommissioning through the safe and efficient organisation of personnel work, training, preparation and improvement of working conditions, improvement of maintenance, preventing human factor effect, ensuring quality and implementing a safety culture.

9. At the enterprise, the centralised planning and reporting, control and management of the decommissioning projects are carried out, general standards and project management quality indicators are applied.

10. The objectives of the enterprise's activities are foreseen for each year, depending on the enterprise's strategy. Their implementation is analysed and controlled. Each employee knows the objectives of the enterprise's activities, his tasks in realising these objectives, and receives information about the results of the performance of works.

11. Project management activities are constantly being improved, based on the experience gained at the enterprise and the experience of other companies. The adequacy of the knowledge of the enterprise's personnel involved in the management of the decommissioning projects is also ensured.

12. During the activities of the INPP decommissioning, the risk management is carried out in accordance with the standard ISO 31000:2018 “Risk Management. Guidelines”. The enterprise’s lowest risk appetite is set for possible safety violations, environmental pollution, occupational safety and health, a slightly higher risk appetite is set for the decommissioning projects costs and their implementation schedules. This means that we will endeavour to reduce to a reasonably practicable level all risks affecting the enterprise’s safety, personnel, compliance with the requirements of legal acts ensuring by us, and reducing of these risks will be prioritised over other objectives of activities.

13. During the decommissioning, strategies for the utilisation of energy resources (electricity, heat energy, gas, drinking water and waste water) have been developed and used, each year a programme to save energy resources is drawn up and carried out.

14. Appropriate measures have been developed to prevent unusual events, including violations of safe operation, loss of nuclear and nuclear fuel cycle materials, emergency situations and accidents, and the enterprise’s management, VATESI and other state management and control authorities are timely informed about it.

The enterprise’s management must ensure that the decommissioning policy of the INPP is accessible, known and understandable to every person working at the enterprise.

This policy is reviewed for its adequacy each year during the evaluation of the INPP management system.

The decommissioning policy of the INPP shall be amended, recognised as expired by the decision of the Board.

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