

DVS

2021-07-12 No. DVSta-0101-11V1

APPROVED by
the Board of SE Ignalina Nuclear
Power Plant decision
(Protocol No.
2021-9/VPP-10(1.160E)
of 12 July 2021)

SAFETY POLICY OF THE STATE ENTERPRISE IGNALINA NUCLEAR POWER PLANT

The safety policy of the State Enterprise Ignalina Nuclear Power Plant (hereinafter – INPP, the enterprise) has been developed according to Article 18 of the Law on Nuclear Safety of the Republic of Lithuania, Clause 40.1.2 of the VATESI Nuclear Safety Requirements BSR-1.4.1-2016 “Management System”, IAEA Safety Standards SF-1 “Fundamental Safety Principles”, Clause 4.2 of the IAEA Requirements GSR, Part 2, “Leadership and Management for Safety” and Clause 3.21 of the IAEA Recommendations GS-G-3.5 “The Management System for Nuclear Installations”.

This policy replaces the Safety Policy of the SE INPP, DVSta-0108-18V2.

The INPP management, under the leadership of the Director General of the enterprise, with a clear understanding that is fully responsible for SAFETY carrying out the licensed activities at the Nuclear Facilities (hereinafter – NF), undertakes to comply with the following principles and objectives at the enterprise:

1. **The clear responsibility for ensuring the safety is established.** The lists of positions important for nuclear, radiation, physical and fire safety have been developed and agreed with VATESI. Safety issues are prioritized in decision-making and carrying out the activities, and the impact on the safety of the enterprise’s NF is evaluated comprehensively, considering all areas of safety (nuclear safety, radiation safety, fire safety, physical safety, environmental protection, occupational safety and health). The principles of physical safety, environmental protection and occupational safety and health are set out in separate INPP policies for the relevant safety areas.

2. **The reduction of the harmful effects of ionizing radiation on persons working at the enterprise** by evaluating and implementing the necessary administrative and technical measures. The activities at the enterprise’s NF are guided by the radiation safety optimization program ALARA (*As Low As Reasonably Achievable*). There are controlled doses that are received not only by INPP employees, but also by suppliers, seconded persons and the visitors staying at the INPP, as well as ionizing radiation in the working environment.

3. **Continuous monitoring and protection against harmful effects of ionizing radiation arising from the performed activities on present and future generations, as well as the environment, shall be ensured.** Measurements of emissions to air and discharges to water are carried

out by the enterprise's laboratories accredited in accordance with international standards.

4. **The avoidance (prevention) of accidents, the emergency preparedness and the response.** The INPP is ready to respond and apply all rationally possible measures to prevent the occurrence of possible nuclear or radiological accidents and, in case of their occurrence, to mitigate their consequences. The Emergency Preparedness Plan has been developed at the INPP and agreed with VATESI.

5. **The safe management, storage and final disposal of nuclear fuel and radioactive waste are ensured at the INPP.** Nuclear fuel and radioactive waste are managed and stored in compliance with VATESI nuclear safety requirements and taking into account IAEA safety recommendations. Radioactive waste shall be radiologically characterized to determine its class and direct it to appropriate storage and disposal facilities.

6. **All work at the INPP is carried out by qualified and experienced personnel.** All persons working at the INPP (including suppliers) are instructed, trained, and have access to necessary information regarding safety. Employees have the opportunity to share their experience and improve their qualifications.

7. **There is maintained and developed a safety culture at the INPP.** The safety culture is recognized as a priority and fundamental value at the enterprise. The heads of the INPP are leaders and demonstrate a high level of the safety culture through their behaviour. Employees have the opportunity to report safety deficiencies or make suggestions for improving safety. In order to report safety problems openly and promptly, the heads of the enterprise avoid penalizing employees for unintentional mistakes. The INPP safety culture state is constantly evaluated, analysed and improved.

8. **The enterprise evaluates and uses the experience of both its employees and other persons operating in the nuclear power sector.** Unusual events occurring at the enterprise are analysed in accordance with the established procedure, the significant causes of events are identified, and the measures to prevent their recurrence are planned. There are analysed the unusual event databases of IAEA (IRS – International Reporting System for Operating Experience, FINAS – Fuel Incident Notification and Analysis System) and WANO. The application of other persons operating in the nuclear power sector experience which has a positive impact on the safety assurance during the performing of the licensed INPP activities is encouraged.

9. **The appropriate attention to safety is provided in the INPP activity strategy and objectives.** The strategy includes indicators describing the safety of the licensed activities carried out at the enterprise's NF. The process management of the integrated management system is based on the prioritization of safety indicators and monitoring performance and efficiency indicators.

The management of the enterprise shall ensure that the INPP safety policy is accessible,

known and understood by everyone working at the enterprise.

This policy is reviewed annually for its relevance when performing the INPP management evaluative analysis.

The INPP safety policy may be amended or repealed by the decision of the INPP Board.

AGREED by
VATESI Letter No. (15.1Mr-33)22.1-489 of 15 June 2021

Developed by
The head of S&QMS
Žydrūnas Jakštonis, tel. 23669

Ž. J., 1, 2021-05-12

*Translated by
Ema Banevičienė,
Translator of
Document Management Division of
SE Ignalina NPP,
2021-10-15*