

INFORMATION ON THE DECISION RE

“Interim Storage of Spent Fuel from INPP RBMK Units 1 and 2”

IN THE VIEW OF ENVIRONMENTAL IMPACT PERMISSIBILITY

Name of the planned economic activity - Interim Storage of Spent Fuel from INPP RBMK Units 1 and 2.

The planned economic activity Client - SE Ignalina NPP, Drūkšinių village, LT-31500 Visaginas, tel. (8 386) 28985, fax. (8 386) 24396.

Location of the planned economic activity - Utena district, Visaginas municipality, INPP territory.

Developer of Environmental Impact Assessment documents - Nuclear Engineering Problems Laboratory of Lithuania Institute of Energy, Breslaujos st. 3, LT-44403 Kaunas, tel. (8 37) 401891; GNS-RWE NUKEM Consortium, Industriestr. 13, 63754 Alzenau, Germany, tel. (+490) 6023911546.

Description of the planned economic activity. In the INPP Units, it is expected to load about 18000 spent fuel assemblies (hereafter - SFA) to CONSTOR RBMK1500/M2 type casks, which will be transported by rail to a new Interim Spent Fuel Storage Facility (hereafter - ISFSF) for long-term interim storage (not less than 50 years). It is foreseen that 201 casks will be stored in the ISFSF.

The planned economic activity includes all necessary operations related to the damaged SFA treatment, packaging, and storage.

Measures provided for prevention, reduction, compensation or elimination of consequences of a negative environmental impact.

The CONSTOR RBMK1500/M2 cask is designed as a multilevel barrier system, which will ensure hermiticity and safe long-term spent fuel storage. The cask case consists of two steel cylinders with thick walls and heavy concrete in the cask body cavity. Such structure ensures mechanical strength and effectively shields ionizing radiation. For cask sealing a triple lid system is used. During storage in ISFSF, an external inspection of the casks will be performed. If any defect of the cask structure is detected, which may cause radionuclides release into the environment, the spent fuel will be reloaded into a new cask in the hot cell.

Under the Facility normal operation conditions, radionuclides will not be released into the air. However, the release is possible when reloading of spent fuel is performed during inspection of spent fuel in the hot cell. Therefore, the ventilation system with the double filter system of dry primary and fine air cleaning will be installed, which will remove aerosols and fine dust.

With the purpose to reduce the personnel irradiation, the ionizing radiation shielding protective screens and remotely controlled equipment will be used.

The highest annual effective radiation dose to public, which is received due to Storage Facility operation, including impact of other nuclear energy facilities present in Ignalina Nuclear Power Plant sanitary protection zone and of facilities planned in the future, will not exceed the limit of the annual effective radiation dose to public (0,2 mSv).

Monitoring of the Facility environment will be performed during ISFSF operation. It is suggested to have 500 m ISFSF sanitary protection zone.

Conclusions of the subjects, who assess Environmental Impact:

Administration of the Head of Utena district, Administration of Visaginas municipality, State Nuclear Power Safety Inspectorate (VATESI), Fire and Rescue Department under the Home Office approved the Environmental Impact Assessment Report.

Cultural Heritage Department under the Ministry of Culture approved the Environmental Impact Assessment with a minor comment.

Ministry of Health approved possibility of ISFSF construction.

Provision of information on the planned economic activity Environmental Impact Assessment to the public.

It was published about the started Environmental Impact Assessment of the planned economic activity in the following newspapers: "Lietuvos rytas" 2005-06-10, "Nauja vaga" 2005-06-11, "Sugardas" 2005-06-09, "Zarasų kraštas" 2005-06-10.

The public was informed about possibility to familiarize with the Environmental Impact Assessment Report and about its planned open presentation in the following newspapers: "Lietuvos rytas" 2007-01-06, "Nauja vaga" 2007-01-06, "Zarasų kraštas" 2007-01-09, "Sugardas" 2007-01-11. The open

presentation of Environmental Impact Assessment Report took place in Ignalina Nuclear Power Plant Decommissioning Service on 2007-01-26. No public proposals regarding Environmental Impact Assessment of ISFSF were received either prior to the open presentation or after it.

International consultation.

Following the regulations of UNO Convention on Environmental Impact Assessment in a Transboundary Context (Espoo), the international Environmental Impact Assessment of ISFSF construction has been carried out.

The final version of EIA Report was issued considering comments and recommendations of the experts of the state institutions of Latvia and Belarus.

Decision of the responsible institution, dates of its making and terms related to it.

According to the submitted EIA Report, the construction of INPP ISFSF is permitted.

The more detailed information on the decision made regarding permissibility of the economic activity in the defined territory.

The more detailed information on the decision made may be received in the Ministry of Environment of the Republic of Lithuania, Jakšto st. 4/9, LT-01105, Vilnius, tel. (8 5) 266 3654, on workdays from 8:00 till 17:00, and in the INPP Information Centre, tel. (8 386) 29911, on workdays from 8:00 till 16:00.