



**GENERAL DIRECTOR
FOR ENVIRONMENTAL
PROTECTION**

Warsaw, 5.09.2013

Michał Kielsznia

DOOS-tos.442.9.2011.JA

**Mr Oleh Proskuriakov
Minister of Ecology and Natural
Resources of Ukraine**

I am grateful for the invitation and the opportunity to take part in the transboundary consultations concerning Khmelnytska Nuclear Power Plant, power units 3 and 4, that took place in Kiev on August 22, 2013. With regard to the arrangements made during the consultations I hereby present the list of requests of the Polish party that were submitted during the intergovernmental consultations. Please specify when (date) Poland may expect to receive the abovementioned information. This information is essential for determining the environmental impact of the concerned investment on the territory of Poland, including the impact on nuclear safety.

The Polish party will present its position regarding the received materials in writing. To that date, the consultations are not considered complete.

1. The Polish party requests the detailed environmental impact assessment of the Khmelnytska NPP included in the EIA report after its completion following the transboundary consultations.
2. The Polish party requests for the findings of the analyses that justify the choice of the Design Basis Accident (DBA) and Beyond Design Basis Accident (BDBA) scenarios,

supported by the Probabilistic Safety Assessment (PSA), as the representative scenarios for the purposes of contingency planning.

3. The Polish party also requests for the safety analyses demonstrating the ability to contain the melted core inside the reactor vessel and to maintain the integrity of the containment during and after a severe accident (with core meltdown).
4. The Polish party requests for the results of the deterministic analyses of the impact of a collision with a big passenger aircraft (of ca. 400 tonnes), particularly of the collision with the containment of the nuclear reactor and other nuclear power plant facilities that are important for the nuclear safety and radiological protection; in case such analyses are not considered relevant, Poland requests for the justification of such a standpoint.
5. The Polish party postulates that analyses of the possibility of simultaneous failure of more than one power unit were conducted and the findings made available, along with the environmental impact assessment of such failure, including the transboundary context. In case such analyses are not considered relevant, Poland requests for the justification of such a standpoint.
6. The Polish party requests the provision of the list of the facilities, constructions and systems (including auxiliary ones) that exist and the use of which is expected, for each of the power units 3 and 4, including the following information for each facility:
 - a. The percentage of construction readiness
 - b. The material strength parameters determined during the experiments and analyses conducted (such as: shear strength, compressive strength, vibration resistance)
 - c. Relation of the parameters listed in point b) to the parameters assumed during the design stage
 - d. Detailed description of the conducted or planned repair and renovation activities concerning the particular components.
7. The Polish party requests for another analysis of the dispersion of radionuclides from emergency releases at altitudes of 30m and 100m using the meteorological conditions at the boundary of Poland indicated by the Polish party and in keeping with the conservative meteorological conditions in Ukraine; and the provision of the findings of these analyses.
8. The Polish party requests for the existing off-site emergency plans for the Khmelnytska NPP units 1, 2 and units 3, 4, at the time these plans are developed, in accordance with the commitment made by the Ukrainian party; and the provision of the legal regulations

concerning the content of emergency plans, in order to enable the Polish party to undertake activities in real time concerning emergency actions.

Michał Kielszyna

General Director for Environmental Protection

Copy to:

Mr. Janusz Zalewski, Deputy Minister of the Environment

Ms. Beata Siewicz, Regional Director for Environmental Protection in Lublin

Ms. Ewa Figel, Director of the Eastern Department in the Ministry of Foreign Affairs

Ms. Gabriela Szuba, Deputy Director of the Minister's Office in the Ministry of the Environment

Mr. Bartosz Musiałowicz, Head of Economic Section of the Polish Embassy in Ukraine