



# K O Z L O D U Y N P P E A D

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TO WHOM IT MAY CONCERN

## CLARIFICATIONS

**Re: Conducting market consultation on the grounds of Article 44 of the PPA for submission of indicative proposal for ‘Laboratory testing of ‘КПІоСГ’ and ‘КПІоБОВ’ cable types important for the safety of Kozloduy NPP Units 5 and 6 in order to evaluate their qualified service life and ability to perform their intended functions in harsh environments (LOCA).’**

**Dear Sir or Madam,**

In relation to market consultation No. 56663 for: ‘Laboratory testing of ‘КПІоСГ’ and ‘КПІоБОВ’ cable types important for the safety of Kozloduy NPP Units 5 and 6 in order to evaluate their qualified service life and ability to perform their intended functions in harsh environments (LOCA)’ Kozloduy NPP EAD provides the following clarifications.

**Question: Preamble:**

- We would kindly ask for some clarification on the published market consultation No56663 on ‘Laboratory testing of ‘КПІоСГ’ and ‘КПІоБОВ’ cable types important for the safety of Kozloduy NPP Units 5 and 6 in order to evaluate their qualified service life and ability to perform their intended functions in harsh environments (LOCA)’. To prepare a budgetary proposal please would you provide the specification TY 16-505.949-76 and TY 16-505.949-81? It is not clear whether the cables should be aged under Design Conditions, or in other Normal operating conditions for the aging tests. During the LOCA test, could you confirm whether the cables will be energized or not?

**Response:**

They are applicable to both cable types since they are of the same design – the only difference is that КПІоСГ cables are with a bare lead sheath, while the КПІоБОВ are PVC coated.

The cables should be aged thermally, at a temperature calculated using the Arrhenius equation for 5 and 10 years during normal operating conditions (55-60°C), as specified in the Terms of Reference, and they shall also be subjected to radiation aging (under the dose specified).

The cables do not necessarily have to be energized during the LOCA test.