S.N. NUCLEARELECTRICA S.A.

CERNĂVODA TRITIUM REMOVAL FACILITY PROJECT, ROMANIA

Environmental and Social Impact Assessment - Errata Sheet

70078054-ESIA.2.11
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Paragraph 15.4.118 of the Environmental and Social Impact Assessment Report (document reference: *70078054-ESIA.2.1*) presents the results of a study that has now been updated. This paragraph is located in the baseline section of Chapter 15: Social Impacts and Public Health and is provided below.

"*Accident analysis at Cernavodă NPP assessed that the maximum dose of radiation that could be received by a member of the public in the event of an accident is within the dose limit for the Licensing Basis Document for event classes 1 and 2. Legal limits do not exist for more severe emergencies. The most severe Class 6 event could result in an individual dose of 130 mSv*".

The dose estimate of 130 mSv within the final sentence of this paragraph was derived from a design assist study conducted in 2014 which was based on a number of conservative assumptions and parameters. A more recent revision of this study was undertaken in 2021 considering the CTRF design improvements. The recent 2021 revision presents a much lower estimate for the highest individual public dose of 0.21 mSv from a Class 6 event.

For reference, this dose estimate was derived from the CTRF Accident Analysis Report for Public Dose (document reference: *KI CTRF-00437 Rev 05*), dated April 2021. Using the dose estimate within the CTRF Accident Analysis Report for Public Dose (document reference: *KI CTRF-00437 Rev 05*), dated April 2021 the updated version of paragraph 15.4.118 should now state:

"*Accident analysis at Cernavodă NPP assessed that the maximum dose of radiation that could be received by a member of the public in the event of an accident is within the dose limit for the Licensing Basis Document for event classes 1 and 2. Legal limits do not exist for more severe emergencies.* ***The most severe Class 6 event could result in an individual dose of 0.21 mSv***[1]".

[1] Kinectrics (2021). CTRF Accident Analysis Report for Public Dose (document reference: *KI CTRF-00437 Rev 05*).

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