



28 July 2022

Kristin Engel  
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Dear Kristin

**Ref: Media Enquiry: Eskom's safety case supporting Koeberg's lifespan extension**

Please find the NNR's response to your email enquiry on the above subject matter received on 28 July 2022.

**Q1: What are some of the key insights of the safety case for the application to extend the operating life of the Koeberg?**

*NNR Response*

The regulator takes several factors into consideration when assessing the safety case for this application. Some of the key insights include but are not limited to;

- A safety justification
- Compliance with the Regulator's principal safety criteria
- The application of Defence-in-Depth of the NPP
- The Radiological Risks connected with the application
- Ageing management improvements and risks
- Reviewing the adequacy of the design for extended operation and the confirmation and verification of the design basis
- A detailed assessment of safety-related programmes such as Emergency planning and environmental impacts
- A Periodic Safety Assessment covering relevant Safety Factors\*
- Plant improvements needed for extended operations

**Q2: Some civil society organisations have called for the safety case to be made public- not just the public information document- as they say public participation**

**cannot be meaningful if information relevant to the issue is hidden. Will the NNR consider sharing the safety case?**

*NNR Response*

The safety case submitted with this application belongs to a 3<sup>rd</sup> party which is Eskom. Civil Society organisations can submit a request to Eskom for a copy of the safety case.

**Q3: The announcements made by the President on Monday night made it clear that further support for Eskom was essential to resolve SA's electricity crisis. Is the extension of Koeberg key to achieving this?**

*NNR Response*

Our mandate is confined to ensuring that the regulatory framework for nuclear safety is established, enforced, and maintained for the protection of persons and the environment. Eskom is better placed to answer this question.

**Q4: Any other comments to include?**

None.

\*Safety Factors

*Plant design, Actual condition of SSCs important to safety, Equipment qualification, Ageing, Deterministic safety analysis, Probabilistic safety assessment, Hazard analysis, Safety performance, Use of experience from other plants and research findings, Organization, the management system and safety culture, Procedures, Human factors, Emergency planning, Radiological impact on the environment.*

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