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**Titel:** SV: Espoo - Høring om livstidsforlængelse af Loviisa kernekraftværk i Finland [RELEASABLE TO INTERNET TRANSMISSION]  
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## **RELEASABLE TO INTERNET TRANSMISSION**

Dear Sif Zimmermann

Thank you for the material supplied by the Finnish authorities regarding the long term operation of the two nuclear power plants at Loviisa, and we have also studied the English language material published by Fortum on this issue.

The Danish Emergency Management Agency wishes to participate in the EIA process concerning this issue

We wish to participate in the EIA, as we want to be kept informed about the safety issues and consequences of the projects, to receive all hearing documents and invitations to relevant meetings pertaining to this project, as to be able to keep the Danish public and other relevant parties informed of issues within our areas of interest, and to allow us and express our views in relation to the implementation of the projects, should we have cause to do so.

One particular comment to the English language full text Environmental Impact Assessment programme, pages 12 and 81, a fictional accident, releasing 100 TBq of Cs-137 - this is an acceptable way of reducing the technical calculation burden, but when health and environmental consequences of an accident are estimated on basis of these calculations, the results should be adjusted to correspond to a more realistic source term for the release, with a reasonable mix of the health relevant isotopes, as the different isotopes attach to very different types of tissue.

Additionally, we expect the planned chapter 8 to also describe planned and possible means to further contribute to the prevention and mitigation of adverse effects from releases of radioactive isotopes.

Best regards,

Poul Erik Nystrup  
Special Adviser, Nuclear Inspector

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