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2025-03-04      Case number:  
NV-00544-25

Point of Contacts in:  
Norway  
Denmark  
The Netherlands  
Belgium  
Germany  
Poland  
Lithuania  
Latvia  
Estonia  
Finland

**Notification pursuant to Article 3 of the Convention on Environmental Impact Assessment in a Transboundary Context (Espoo Convention) regarding plans for nuclear facilities in Varberg municipality, Sweden**

According to article 3 point 1 of the Espoo Convention, affected countries shall be notified and consulted on projects that are likely to cause transboundary environmental impacts. As a party of origin, Sweden hereby notifies above listed countries regarding the plans for new nuclear facilities in Varberg municipality, Sweden.

**Information on the project**

The developer, Vattenfall, intends to apply for a permit under Chapter 9 of the Environmental Code for the development and operation of a new nuclear power plant with two large nuclear reactors, or three to five small modular nuclear reactors, with a combined electrical output of up to 2,800 Mwe (equivalent to no more than 8,400 MW heat output). The permit application will cover only the development and operation of the facility, not the future decommissioning of the new nuclear power reactors. Each nuclear reactor will consist of a reactor and a turbine section. The nuclear reactors will also be independent of each other, but will share services such as seawater intake, maintenance workshops, waste management, etc. The nuclear reactors considered for the planned operations will be based on light water technology, meaning that enriched uranium is used as fuel and that normal water is used as coolant and moderator. The operation of the nuclear reactors will be managed by an on-site operating organization.

The project area is located in the south-western coast of Sweden at the Värö Peninsula in Varberg municipality, approximately 50km south of Gothenburg.

### **Permitting process**

Vattenfall's planned operations in Varberg are of such scope and character that a permit is required according to the Environmental Code (1998:808) for environmentally hazardous operations (according to chapter 9). The planned operation also needs further permission based on other Swedish legislations. A full description of the permitting process is described in chapter 2 in the attached document "Basis for the scoping consultation".

### **Participating in the transboundary EIA-procedure**

Referring to Article 3.3 of the Espoo Convention, Sweden kindly asks for your respond to this notification **no later than the 15<sup>th</sup> of April 2025** and:

1. Acknowledge the receipt of the notification,
2. Indicate, whether your country intends to participate in the EIA procedure,
3. Provide comments concerning the scope for the assessment of the environmental impacts of the project on your territory, and
4. Submit any comments received from the public or others concerned

Kindly send the answer by e-mail to:

[registrator@naturvardsverket.se](mailto:registrator@naturvardsverket.se). Please indicate case number NV-00544-25 and "NPP Ringhals" in your answer.

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*This decision has been made digitally and therefore lacks signatures*

For the Swedish Environmental Protection Agency

Nanna Wikholm  
Head of Unit

Richard Kristoffersson  
Point of Contact, Espoo Convention

Attachments

Background to the Consultation on Transboundary Impacts (Swedish, Polish, Finnish and English)

Basis for the scoping consultation (Swedish, Polish, Finnish and English)

Cc.

The Swedish Ministry of Climate and Enterprise, Sandra Jalalian and Eleonora Rönström