

Engineering Production Division Nuclear Engineering Department Flamanville nuclear power plant

Flamanville Municipality - Department of La Manche

PRESENTATION NOTE OF THE APPLICATION FOR AUTHORIZATION TO CREATE A THIRD NUCLEAR POWER UNIT



Photomontage of the Flamanville site with the new production unit (on the left of the photo)

Document aim

This document accompanies the application for authorization to create a third nuclear power unit, on EPR type, on the Flamanville site.

The aim of this document is to provide an overview of the content of the application for creation authorization and to serve as a guide which guides the reader to more detailed information given in the authorization request dossier on:

- the project to build a third nuclear power unit on the site of Flamanville,
- its impact on the environment and the health of the inhabitants of the urban areas close to the plant site during the construction and operating stages,
- the hazards associated with building such a plant and the measures implemented to make sure such hazards are kept under control from construction stage until the end of its operating lifetime and the steps taken to facilitate the plant's final shutdown and dismantling.

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<u>Please note</u>: So that the reader can find the subjects discussed in this presentation easily in the dossier, the phrase '* TO FIND OUT MORE, please see...', which appears at the end of a chapter or a subject, indicates the part, chapter or paragraph of the document which should be consulted for further information on the subject in question.

Application for authorization to create a 3rd nuclear power unit on the site of Flamanville

May 2006

PRESENTATION OF THE APPLICATION FRAMEWORK

French regulations concerning Basic Nuclear Facilities (INB) specify the need to obtain authorization to create in line with decree No. 63-1228 of December 11 1963 (amended) so as to construct a new electricity-producing nuclear facility. The request for authorization to build a Basic Nuclear Facility is presented at a ministerial level and it leads to a decree which is specific to the nuclear station in question.

This application for creation authorization was drawn up with the aim of obtaining the authorization to build a new nuclear power unit on the Flamanville site: an EPR (European Pressurized Reactor) type plant referred to as 'Flamanville 3'. It is to be noted that such an application is in line with the energy law of 13 July 2005 which advocates the need to prepare the renewal of French nuclear power fleet. It follows on from the public debate held between 19 October 2005 and 18 February 2006 concerning the 'EPR series head in Flamanville' electro-nuclear power station project.

This dossier analyses the plant's entire lifetime from the construction phase until the end of operations with:

- a description of the characteristics of Flamanville 3 and how it works as well as of the building site,
- the description of the natural and human environment of the Flamanville site which will accommodate the plant,
- the results of the study focusing on the impact of this new plant on the environment as well as the entire Flamanville electricity production site comprising initially two nuclear units,
- the management of hazards associated with this unit's construction as part of the hazards study,
- the measures taken to facilitate the dismantlement of the plant at the end of its operating lifetime.

In compliance with regulations, this application for authorization to create a nuclear station is submitted to a public enquiry to inform the inhabitants of the neighbouring municipalities on the effects and hazards of the plant on the environment and public health.

TO FIND OUT MORE, please see:

Document 7: Texts governing the administrative procedure underway and the public enquiry in particular.

II. COMPILATION OF THE CREATION AUTHORIZATION APPLICATION

This application dossier comprises after the dossier presentation that constitutes the document 0, the 7 following parts organized in 3 volumes as indicated below:

Document 1:	Petitioner identity	Volume 1
Document 2:	Map at 1/25 000	Volume 1
Document 3:	Situation plan at 1/10 000	Volume 1
Document 4:	Detailed plan of the installation at 1/1 500 and other plans	Volume 1
Document 5:	Hazards study	Volume 2
	Non-technical summary of the hazards study	Volume 1
Document 6:	Impact study	Volume 3
	Non-technical summary of the impact study	Volume 1
Document 7:	Texts governing the administrative procedure underway	Volume 1
	and the public enquiry in particular	

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