

Generic assessment of candidate nuclear power plant designs

Statement of design acceptability for the UK EPR™ design submitted by

**Electricité de France SA and AREVA NP SAS (EDF and
AREVA)**


The Environment Agency has undertaken a generic design assessment of the EDF and AREVA UK EPR™ design, during the period July 2007 to December 2012, using the process set out in the document Process and Information Document for Generic Assessment of Candidate Nuclear Power Plant Designs (Ref. 1).

The findings of our assessment are summarised in the decision document for the generic design assessment of EDF and AREVA's UK EPR™ (Ref. 2) and the supplement to the decision document (Ref. 3).

The Environment Agency is satisfied that EDF and AREVA have demonstrated the acceptability for environmental permitting of the UK EPR™ on the generic site, as defined in Schedule 1.

This statement is provided as advice to EDF and AREVA, under section 37 of the Environment Act 1995. It does not guarantee that any site-specific applications for environmental permits for the UK EPR™ will be successful. Any site-specific applications will be considered on a case by case basis and will be informed by generic design assessments.

The statement will remain valid for ten years from the date of issue. This would be subject to no significant new information arising during that period which might call into question our original assessment of the UK EPR™ design.

Name	Date
 Ian Parker Manager, Nuclear Regulation Group (North)	13 December 2012

Authorised on behalf of the Environment Agency

References

1. Process and Information Document for Generic Assessment of Candidate Nuclear Power Plant Designs, Environment Agency, January 2007.
2. Decision document for the Generic Design Assessment of EDF and AREVA's UK EPR™, Environment Agency, December 2011.
<https://publications.environment-agency.gov.uk/pdf/GEHO1211BTNO-E-E.pdf>
3. Supplement to the decision document for the Generic Design Assessment of EDF and AREVA's UK EPR™, Environment Agency, December 2012.
<https://brand.environment-agency.gov.uk/mb/Cb9Qpt>

Schedule 1 – Scope of the generic design assessment

This Statement of Design Acceptability refers to the UK EPR™ as described in the design reference documentation:

- a) *Reference Design Configuration* UKEPR-I-002 Revision 15. EDF and AREVA, 6 December 2012.
- b) *Final Consolidated UK EPR GDA Pre-Construction Environmental Report*. EDF and AREVA, 2012, as detailed in EDF and AREVA letter REG EPR01471N, 30 November 2012.
- c) The documents identified in the Submission Master List: *UK EPR GDA Submission Master List*. UKEPR-0018-001 Issue 03, EDF and AREVA, 6 December 2012.

Certain aspects have been agreed as being out of scope for generic design assessment and these are identified by EDF and AREVA in the reference design configuration document at a) above.