

Generic assessment of candidate nuclear power plant designs

Statement of design acceptability for the AP1000[®] design submitted by Westinghouse Electric Company LLC (Westinghouse)

The Environment Agency and Natural Resources Wales have undertaken a Generic Design Assessment of Westinghouse AP1000[®] reactor design during the period July 2007 to March 2017, using the process set out in the document Process and Information Document for Generic Assessment of Candidate Nuclear Power Plant Designs^[1].


The findings of our assessment are summarised in the documents:

Decision Document. Generic Design Assessment of Westinghouse Electric Company LLC's AP1000[®] nuclear power plant design^[2]


Supplementary Decision Document. Generic Design Assessment of Westinghouse Electric Company LLC's AP1000[®] nuclear power plant design^[3]

The Environment Agency and Natural Resources Wales are satisfied that Westinghouse has demonstrated the acceptability for environmental permitting of the AP1000[®] reactor design on the generic site, as defined in Schedule 1.

This statement is provided as advice to Westinghouse, under section 37 of the Environment Act 1995. It does not guarantee that any site-specific applications for environmental permits for the AP1000[®] reactor design will be successful.

Name	Date
 Steve Hardy Manager, Nuclear Regulation Group (North)	28th March 2017

Authorised on behalf of the Environment Agency

Name	Date
 Isobel Moore Head of Regulation & Permitting	28th March 2017

Authorised on behalf of Natural Resources Wales

References

1. Process and Information Document for Generic Assessment of Candidate Nuclear Power Plant Designs, Version 3, Environment Agency, October 2016
2. Decision Document. Generic Design Assessment of Westinghouse Electric Company LLC's AP1000® nuclear power plant design, December 2011
3. Supplementary Decision Document. Generic Design Assessment of Westinghouse Electric Company LLC's AP1000® nuclear power plant design, March 2017

Schedule 1 – Scope of the GDA

This statement of design acceptability refers to the AP1000® design as described in the design reference documentation:

Document reference	Title	Version number
UKP-GW-GL-060	AP1000® Design Reference Point for UK GDA	Revision 10
UKP-GW-GL-790	UK AP1000® Environment Report	Revision 7
UKP-GW-GLX-001	The documents contained in the <i>AP1000® Master Submission List for UK GDA</i> .	Revision 2