



Generic Design Assessment of nuclear power plant designs

Statement of Design Acceptability for the UK HPR1000

Requesting Party:

**China General Nuclear Power Corporation
Électricité de France S.A.
General Nuclear International Limited**

The Environment Agency has undertaken a Generic Design Assessment of the UK HPR1000 nuclear power plant design as submitted by General Nuclear System Limited acting for the requesting party China General Nuclear Power Corporation, Électricité de France S.A. and General Nuclear International Limited

The Generic Design Assessment was carried out during the period January 2017 to January 2022 in accordance with the process set out by the Environment Agency in its guidance document: Process and Information Document for Generic Assessment of Candidate Nuclear Power Plant Designs [1].

The conclusions and outcome of the Environment Agency's assessment is summarised in:
Generic design assessment of the UK HPR1000 design - Decision document [2]

The Environment Agency is satisfied that the Requesting Party has demonstrated the acceptability for environmental permitting in England of the UK HPR1000 on the generic site, as defined in Schedule 1 to this Statement of Design Acceptability. This statement is provided as advice to the Requesting Party, under section 37 of the Environment Act 1995.

This statement will remain valid for ten years from the date of issue. This is subject to any significant relevant new information which arises during that period which necessitates review or revision of the assessments carried out for this Generic Design Assessment for the UK HPR1000.

Provision of this Statement of Design Acceptability by the Environment Agency does not guarantee that any site-specific applications for environmental permits for the UK HPR1000 will be successful.

Saffron Price-Finnerty Manager, Nuclear Regulation Group (North)	10 January 2022
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Authorised on behalf of the Environment Agency

References

1. Process and Information Document for Generic Assessment of Candidate Nuclear Power Plant Designs, Version 3, Environment Agency, October 2016. LIT7998.
<https://www.gov.uk/government/publications/assessment-of-candidate-nuclear-power-plant-designs>
2. Generic Design Assessment of the UK HPR1000. Decision Document. Environment Agency, January 2022.

Schedule 1 – Scope of the GDA

This statement of design acceptability refers to the UK HPR1000 as described in the design reference documentation:

Document reference	Title	Version number
NE15BW-X-GL-0000-000047	UK HPR1000 Design Reference Report, 10 September 2021	Rev I
HPR/GDA/PCER-001 to 008	Pre-construction Environmental Report, 29 September 2021	Rev 002
HPR/GDA/PCSR-001 to 033	Pre-construction Safety Report, 29 September 2021	Rev 002
HPR/GDA/REPO/0197	Master Document Submission List, 19 November 2021	Rev 001