

ONR / NGO Meeting – 21 March 2018	
Title	Hitachi-GE conceptual security assessment
From	ONR Policy & Communications
Date	15 March 2018
Status	For information
Agenda Item / Status	<i>N/A - There will be an opportunity for questions (should that be necessary) on these topics at the meeting as part of the Chief Nuclear Inspector's update slot</i>

1. Purpose

- 1.1 This short briefing is provided in response to an issue raised at September 2017's ONR-NGO meeting relating to Hitachi security issues.

2. Context

- 2.1 Forum members may recall concerns being raised about the lack of advance information submitted by Hitachi-GE in relation to security arrangements in Japan on its nuclear reactors ahead of the GDA for the UK ABWR.
- 2.2 This was the subject of debate at the last meeting in Manchester and of subsequent Freedom of Information (FOI) requests by Dr David Lowry.
- 2.3 This note is designed to update all forum members on the position regarding the submission of security information by Hitachi-GE as part of the GDA process for the UK reactor and provide assurance that such matters were considered in line with ONR's GDA process.

3. Background

- 3.1 Generic design assessment (GDA) is the process used by the nuclear regulators (ONR and the Environment Agency/Natural Resources Wales) to assess new nuclear power station designs. It allows the regulators to assess the safety, security (ONR) and environmental implications (EA and NRW) of new reactor designs, separately from applications to build them at specific sites.
- 3.2 Security forms a major part of the Generic Design Assessment process and requires the power station design company to submit Conceptual Security Arrangements (CSA) providing sufficient information to enable ONR to make an informed judgement of the adequacy of the security aspects of the generic design. The ONR Guidance to Requesting Parties (RPs), www.onr.org.uk/new-reactors/ngn03.pdf, includes detail of the security information submitted by RPs for assessment.



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3.3 ONR Security Inspectors work as part of the wider ONR regulatory team to ensure the design company incorporates security by design across the full spectrum of protective security measures, including physical protection, cyber and information and personnel security. The CSA will ultimately form the basis of a Nuclear Site Security Plan for any licensed site using the design.

4. Hitachi-GE ABWR Conceptual Security Arrangements

4.1 As part of the GDA process the requesting party (RP) in this case Hitachi-GE produced conceptual security arrangements that were considered as part of the GDA process. The full assessment undertaken as part of Step 4 GDA can be viewed via the link to the website here: [Assessment of Conceptual Security Arrangements for the UK Advanced Boiling Water Reactor](#)
Or <http://www.onr.org.uk/new-reactors/uk-abwr/reports/step4/onr-nr-ar-17-026.pdf>

5. Actions and next steps

5.1 NGO forum members are asked to note the report. Any questions can be raised during the forum meeting.