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Senior Engineer, C&I SME
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Nuclear Plant Control & Instrumentation Engineering Dept.
Hitachi-GE Nuclear Energy, Ltd.

Our Reference: 2017/147932
Unique Number: REG-HGNE-0178N

11th April 2017

Closure of Regulatory Observation - RO-ABWR-0027 Rev 1 – Hardwired Backup System

I refer to Regulatory Observation RO-ABWR-0027 Rev 1 – Hardwired Backup System (HWBS) issued on 6th May 2016.

I am writing to confirm that:

- You have developed a comprehensive list of safety functional requirements for the HWBS which are linked to the UK ABWR Fault Schedule.
- You have developed suitable documentation that describes the design and development process and potential technologies that may be used for the HWBS and how the design may mitigate against common cause and systematic failures. In addition, you have also provided an outline architecture drawing for the HWBS.
- This information has been reviewed and I judge that it provides an adequate response to the Regulatory Observation

On this basis, ONR confirms closure of Regulatory Observation RO-ABWR-0027 Rev 1.

Yours sincerely