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### **Closure of Regulatory Observation – RO-ABWR-0010 – Design Basis Analysis of Essential Services and Support Systems**

I refer to Regulatory Observation RO-ABWR-0010 issued on 5<sup>th</sup> June 2014.

Following a review of multiple references, notably those listed below, I am satisfied that Hitachi-GE has adequately addressed RO-ABWR-0010:

- Overarching Report on Support Systems Safety Case, UE-GD-0688, Revision 1,
- The result of the FMEA - Common Cause Failure in Support Systems, 3E-GD-D098, Revision 3,
- The result of FMEA - Non safety system, 3E-GD-D034, Revision 2
- Topic Report on Fault Assessment, UE-GD-0071 Revision 5
- Topic Report on Fault Assessment for SFP and Fuel Route, AE-GD-0229, Revision 2
- Topic Report on Design Basis Analysis, UE-GD-0219 Revision 12
- Topic Report on SBO Analysis, AE-GD-0265, Revision 6
- Topic Report on Design Basis Analysis for SFP and Fuel Route, AE-GD-0441, Revision 2
- Topic Report on Mechanical SSCs Architecture, SE-GD-0425, Revision 0
- Identification of initiating events for shutdown PSA, AE-GD-0373, Revision 1

On this basis, I can confirm the closure of RO-ABWR-0010.

A copy of this letter will be published on the ONR website in due course.