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Closure of Regulatory Observation – RO-ABWR-0075 – Robust demonstration that the Design of the UK ABWR Heating, Ventilation and Air Conditioning (HVAC) System has been Adequately Conceived and Reduces Risks SFAIRP

I refer to Regulatory Observation RO-ABWR-0075 issued on the 22nd November 2016

Following a review of the submissions made in connection with RO-ABWR-0075, I am satisfied that, so far as is practicable within GDA, Hitachi-GE has adequately addressed the thirteen actions of RO-ABWR-0075. Being proportionate to what can realistically be achieved at the concept design phase I consider the UK-ABWR HVAC system safety case to be adequate for GDA.

On this basis I am content to close RO-ABWR-0075 with the caveat that there remains significant further design and development of the UK-ABWR HVAC system post GDA.

Reference documents supporting this Regulatory Observation are set out below:

1. HGNE COMMERCIAL - UK ABWR - GA91-9201-0002-00041 - HPE-GD-H006 - Rev 3 - Basis of Safety Cases on Heating Ventilating and Air Conditioning System - 18 April 2017 (2017/154111)
2. HGNE COMMERCIAL - UK ABWR - GA91-9201-0003-02105 - HPE-GD-H070 - Rev 0 - Summary Report of RO Actions re RO-ABWR-0075 (Robust demonstration that the design of the UK ABWR HVAC system has been adequately conceived & reduces risks SFAIRP) - 26 June 2017 (2017/244902)

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