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Closure of Regulatory Observation – RO-ABWR-0065 – Demonstration of adequate design and implementation of inherently safe techniques and structures to minimise radiation dose rates via through wall penetrations during all operating modes and for the lifetime of the facility, whilst being cognisant of design requirements relating to other discipline areas.

I refer to Regulatory Observation RO-ABWR-0065 – Demonstration of adequate design and implementation of inherently safety techniques and structure to minimise dose rates via through wall penetrations that was issued on 20th October 2015.

I am writing to confirm that Hitachi-GE has:

- Demonstrated adequate arrangements for the design and implementation of inherently safe techniques and structures, to minimise radiation dose rates, via through wall penetrations.
- Minimise the use of lead wool during all operating modes, for the lifetime of the Generic Design.

ONR recognises these arrangements consider the design requirements of other disciplines.

ONR further recognises further detailed design consideration for penetrations will occur throughout the site specific phase referencing the primary documentation which was submitted to ONR and on which closure is based. These documents are:

- GA91-9201-0003-01285 – HE-GD-5206 -Rev 0 - UKABWR Penetration Design Guideline (TRIM ref:2016/189180)
- GA91-9201-0003-01657 - HE-GD-5230 – Rev 0 -UKABWR Penetration Design Rule (TRIM ref:2016/423145)

On this basis, ONR confirms closure of Regulatory Observation RO-ABWR-0065.

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