

## **Enclosure 1**

### **MFN 15-069, Supplement 2**

#### **GEH Response to NRC's Request for Supplemental Information # 2 to Item #26 – Fukushima Recommendation 4.2 - Mitigation Strategies**

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**NRC Request for Supplemental Information:**

*In a meeting and discussion with the NRC on July 19, 2016, the NRC Staff requested that GEH provide the overall approach for mitigating strategies for the ABWR response to a Beyond Design Basis Event (BDBE). The NRC requested that GEH describe how a licensee of an ABWR plant would use certain design features that are onsite, and what features are available when the plant transitions to using the equipment that could be brought in from offsite to maintain the plant in a safe condition.*

**GEH Response to Supplemental Information Request:**

Supplement 1 to this RAI provided a new Appendix (Appendix 1D, Response to NRC Post-Fukushima Recommendations) to chapter 1 of the ABWR DCD in order to consolidate and organize ABWR design features and identify information to be provided by the COL Applicant. This new appendix will be added to Chapter 1 of the ABWR DCD. In order to provide an overview and timeline of how ABWR design equipment is used, additional text has been added to Appendix 1D.2.4, (Mitigating Strategies for Beyond Design Basis Events (4.2)) identifying what existing equipment is used, and the timing associated with this use. Additionally, the features that are available when the plant transitions to using the equipment that could be brought in from offsite to maintain the plant in a safe condition are also described, including recommendations for the COL Applicant to identify additional equipment to be procured and staged. Also, references in Appendix 1D.5 and Table 1.8 have been added and updated to the latest issued revision.

**Impact on DCD of GEH Response:**

Appendix 1D (with the revised sections) is to be added to ABWR DCD Tier 2, Chapter 1 Rev. 6. Supplement One provided the new Appendix 1D and Supplement 2 provides the revised sections for Appendix 1D, references in Appendix 1D.5 and Table 1.8 and is provided in Enclosure 2.