

## **Enclosure 1**

**MFN 15-049**

### **GEH Response to Item #13 - Overhead Heavy Load Handling System Cranes**

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**NRC- Suggested Design Changes Item #13 – Overhead Heavy Load Handling System Cranes**

*Add a commitment to ASME NOG-1 as an acceptable approach to meeting NUREG-0554 criteria for the design of overhead heavy load handling system cranes. In the commitment to ASME NOG-1, it will state that the crane is Type 1.*

**GEH Response:**

GEH will revise ABWR DCD Rev 5, Tier 2, Sections 1.8 and 9.1.5 as follows:

- In Section 1.8, Table 1.8-19, SRP No. 9.1.5, and Table 1.8-21 will be modified to indicate the updated code reference.
- In two places in Section 9.1.5, the following statement will be added: “For design of Type 1 cranes, ASME NOG-1 is an acceptable approach to meeting NUREG-0554 criteria.”
- “ASTM NOG-1, Rules for Construction of Overhead and Gantry Cranes (Top Running Bridges, Multiple Girder)” will be added as a reference code to Table 9.1-6.

**Impact on DCD:**

The ABWR DCD Tier 2, Chapter 1, Table 1.8-19, Table 1.8-21, Table 9.1-6, and Section 9.1.5 are being revised to address this NRC suggested design change. The ABWR DCD R5 revised marked up pages are provided in Enclosure 2.