

November 30, 2010

APPLICANT: MITSUBISHI HEAVY INDUSTRIES, LTD.

FACILITY: UNITED STATES - ADVANCED PRESSURIZED WATER REACTOR DESIGN  
CERTIFICATION REVIEW

SUBJECT: SUMMARY OF THE NOVEMBER 2, 2010, MEETING WITH MITSUBISHI  
HEAVY INDUSTRIES, LTD. TO DISCUSS CHAPTER 10 OF THE UNITED  
STATES - ADVANCED PRESSURIZED WATER REACTOR DESIGN  
CONTROL DOCUMENT

On November 2, 2010, a Category 1 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC), and representatives of Mitsubishi Heavy Industries, Ltd. (MHI). The meeting was held at the U.S. Nuclear Regulatory Commission, One White Flint North 11555 Rockville Pike, Room 03B04, Rockville, Maryland. A public meeting notice was issued on October 20, 2010, and was documented in the Agencywide Documents Access and Management System (ADAMS) under accession number ML102870081. The purpose of the meeting was to discuss information regarding the Turbine Generator referenced in the United States - Advanced Pressurized Water Reactor Design Control Document, Chapter 10. The technical information discussed for turbine generator overspeed protection was considered proprietary. A list of attendees is provided as Enclosure 1.

At the beginning of the meeting, the MHI staff gave a proprietary presentation on the technical details of how the turbine generator normal control and overspeed protection system interacted and provided overspeed protection. This presentation is documented as Enclosure 2 however, it contains proprietary information and therefore isn't available to the public. The remainder of the day involved discussions of Open Items for the turbine generator overspeed protection. These Open Items had been previously submitted to MHI in the form of a Request for Additional Information (RAI). MHI's responses can be found in ADAMS under accession number ML102040038. During the meeting, MHI provided further explanations and clarification for these RAI responses which is documented in Enclosure 3 and can be found in ADAMS under accession number ML103080135. A marked up copy of the Chapter 10 sections of the design control document is provided as Enclosure 4 and can be found in ADAMS under accession number ML103080164.

At the conclusion of the meeting, it was agreed that MHI would provide an amended response to RAI Open Items and a revised mark-up of the design control document as a supplemental document to the RAI referenced above.

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Members of the public were not in attendance during the open portion of the meeting. Please direct any inquiries to Richard Smith at 301-415-3091, or via email at [Rich.Smith@nrc.gov](mailto:Rich.Smith@nrc.gov), or to Michael Takacs at 301-415-7871, or via email at [Michael.Takacs@nrc.gov](mailto:Michael.Takacs@nrc.gov).

*/RA/*

Richard L. Smith, Project Manager  
US-APWR Projects Branch  
Division of New Reactor Licensing  
Office of New Reactors

Docket No. 52-021

Enclosures:  
As stated

cc w/Enclosures 1, 3, and 4:

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**/RA/**

Richard L. Smith, Project Manager  
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Division of New Reactor Licensing  
Office of New Reactors

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**ADAMS Accession No.: ML103080103; Package: ML103080098**

**NRO-002**

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<b>DATE</b>	11/30/2010	11/29/2010	11/30/2010	11/30/2010

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(Revised 06/23/2010)

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