March 21, 2011

APPLICANT: MITSUBISHI HEAVY INDUSTRIES, LTD.

APPLICATION: UNITED STATES - ADVANCED PRESSURIZED WATER REACTOR STANDARD DESIGN CERTIFICATION REVIEW

SUBJECT: SUMMARY OF THE FEBRUARY 16, 2011, PUBLIC TELECONFERENCE MEETING WITH MITSUBISHI HEAVY INDUSTRIES, LTD. TO DISCUSS TIER 1 AND INSPECTIONS, TESTS, ANALYSIS AND ACCEPTANCE CRITERIA ENHANCEMENTS FOR THE UNITED STATES - ADVANCED PRESSURIZED WATER REACTOR DESIGN CERTIFICATION DOCUMENT, REVISION 3

On February 16, 2011, the U.S. Nuclear Regulatory Commission (NRC) staff met with Mitsubishi Heavy Industries Ltd. (MHI), for a Category 1 public teleconference meeting. The NRC staff had previously issued a public meeting notice dated February 3, 2011, as documented in the Agencywide Documents Access and Management System (ADAMS) under accession number ML110340312. The meeting notice includes the meeting agenda. The agenda includes Tier 1 and Inspections, Tests, Analysis and Acceptance Criteria (ITAAC) Enhancements discussion for Design Control Document (DCD) Tier 1 Sections 2.8, 2.10, 2.12, 2.13, 2.14, 1.0, 2.1, 2.7.1.3, 2.7.1.4, 2.7.1.5, 2.7.1.6, 2.7.1.7, 2.7.1.8, 2.7.1.12, 2.7.1.13, 2.7.3.4, 2.7.5.5, 2.7.6.11, and 2.7.6.12.

The NRC staff conducted this teleconference meeting upon a request from MHI in order for MHI to provide its basis and approach used in making the DCD Tier 1 and ITAAC changes referred to as enhancements. During the meeting, MHI provided explanations for its DCD Tier 1 changes using the Tier 1 Change Explanation/Basis Documents and the draft Tier 1 DCD, Revision 3 Document for each section listed on the meeting agenda. This information provided the NRC staff with both a background for the changes and a roadmap for where all of the changes were made in the DCD Tier 1 sections. Some of the issues discussed are summarized below. Enclosure 1 provides a list of attendees. The presentation material provided by MHI is located in ADAMS under accession number ML110490561.

The NRC staff participated in the teleconference meeting and provided feedback to MHI for their proposed changes. In Tier 1 Section 2.14, the NRC staff discussed the changes related to Item A and Item H in the Tier 1 Change Explanation/Basis Document for that section. In Tier 1 Section 2.1, the NRC staff discussed inconsistencies related to DCD Tier 1 and Tier 2. The NRC staff also discussed changes related to Tier 1 Sections 2.10, 2.12, and 2.14. In regard to section 2.10, “Emergency Planning,” the NRC staff identified various DCD Revision 2, Tier 1, ITAAC tables that were being changed in Revision 3, and that the proposed changes would impact the emergency planning ITAAC in the current combined license application that reference the United States - Advanced Pressurized Water Reactor. In addition, the NRC staff discussed the guidance in NUREG-0696, “Functional Criteria for Emergency Response Facilities,” that addresses the two minute walking time from the control room to the technical support center (TSC), and that additional clarification regarding the distance from the control room to the TSC was needed. MHI plans to send responses to the issues raised by the NRC staff during the teleconference meeting at a later date.

MHI will also update all of the affected Request for Additional Information responses based on both the Tier 1 changes presented and the meeting discussions. At the end of the meeting, the NRC staff was tasked with reviewing the sections discussed and to come up with additional questions regarding the proposed Tier 1 changes that had been presented at the meeting.

Please direct any inquiries to me at 301-415-6695, or via e-mail at Ngola.Otto@nrc.gov.

Sincerely,

/RA/

Ngola Otto, Project Manager
US-APWR Projects Branch
Division of New Reactor Licensing
Office of New Reactors

Docket No. 52-021

Enclosure:
List of Attendees

cc w/encl: See next page

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Enclosure:
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cc w/encl: See next page

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ADAMS Accession No.: ML110610531 **NRC-001**

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DATE	03/17/2011	03/16/2011	03/21/2011

OFFICIAL RECORD COPY

List of Attendees

Teleconference Meeting With Mitsubishi Heavy Industries, Ltd. to discuss Tier 1 and Inspection, Test, Analysis and Acceptance Criteria Enhancements for the United States - Advanced Pressurized Water Reactor Design Certification Document, Revision 3, held on February 16, 2011

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Barry Bryant	Dominion Virginia Power
Steve Routh	Dominion Virginia Power
Tom Williamson	Dominion Virginia Power
Bob Peters	Mitsubishi Heavy Industries, Ltd.
Mark Vannoy	Mitsubishi Heavy Industries, Ltd.
Masata Oba	Mitsubishi Heavy Industries, Ltd.
Takashi Yamaguchi	Mitsubishi Heavy Industries, Ltd.
Angelo Stubbs	U.S. Nuclear Regulatory Commission
Brad Harvey	U.S. Nuclear Regulatory Commission
Bruce Musico	U.S. Nuclear Regulatory Commission
David Nold	U.S. Nuclear Regulatory Commission
Devender Reddy	U.S. Nuclear Regulatory Commission
Edward Robinson	U.S. Nuclear Regulatory Commission
John Segala	U.S. Nuclear Regulatory Commission
Ngola Otto	U.S. Nuclear Regulatory Commission
Peter Lee	U.S. Nuclear Regulatory Commission
Tarico Sweat	U.S. Nuclear Regulatory Commission
Todd Hilsmeier	U.S. Nuclear Regulatory Commission
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Enclosure

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