

August 16, 2011

APPLICANT: MITSUBISHI HEAVY INDUSTRIES, LTD.

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

SUBJECT: SUMMARY OF THE JUNE 15, 2011, MEETING WITH MITSUBISHI
HEAVY INDUSTRIES, LTD., TO DISCUSS THE UNITED STATES -
ADVANCED PRESSURIZED WATER REACTOR DESIGN CONTROL
DOCUMENT SECTION 3.8, STEEL-CONCRETE MODULE DESIGN
METHODOLOGY

On June 15, 2011, a Category 1 public and closed meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and Mitsubishi Heavy Industries, Ltd. (MHI) at the office of the NRC, Two White Flint North, 11545 Rockville Pike, Rockville, Maryland. The public meeting notice was issued on June 2, 2011, and was documented in the Agencywide Documents Access and Management System (ADAMS) under accession number ML111520437. The notice included the meeting agenda. The purpose of the meeting was to discuss the applicant's steel-concrete (SC) module design methodology, which is addressed in the United States - Advanced Pressurized Water Reactor (US-APWR) Design Control Document, Section 3.8, "Steel-Concrete Module Design Methodology." A list of attendees is provided as an enclosure.

During the meeting, MHI presented its design and validation plan for the US-APWR containment internal structures, including SC modules. The presentation contains proprietary information and therefore is not available to the public. The NRC staff observed that the scope of the report describing the design criteria for SC modules, MUAP-11013, was changed during the meeting. In its letter, "Revised Completion Plan for US-APWR Seismic and Structural Analyses," dated May 12, 2011, MHI states that MUAP-11013 is to be submitted by June 30, 2011, and is to provide design criteria for SC Modules and a methodology for SC modules. The letter was documented in ADAMS under accession number ML11136A235. During the June 15, 2011, public and closed meeting, MHI informed the NRC that MUAP-11013 will provide a plan for developing the design criteria and methodology for SC modules. The actual design criteria and methodology are to be provided in four future reports. The schedule for the reports were subsequently provided in a letter dated July 8, 2011, and was documented in ADAMS under accession number ML11193A086. The schedule was also clarified in a letter dated July 29, 2011, and documented in ADAMS under accession number ML11214A136.

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Members of the public made no comments during the meeting. Please direct any inquiries to me at 301-415-6256, or via e-mail to Dennis.Galvin@nrc.gov.

/RA/

Dennis Galvin, Project Manager
US-APWR Projects Branch
Division of New Reactor Licensing
Office of New Reactors

Docket No. 52-021

Enclosure:
List of Attendees

cc: See next page

Members of the public made no comments during the meeting. Please direct any inquiries to me at 301-415-6256, or via e-mail to Dennis.Galvin@nrc.gov.

/RA/

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cc: See next page

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OFFICE	DNRL/NMIP: PM	DNRL/NMIP: LA	DNRL/NMIP: PM	DNRL/NMIP: PM (signed)
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DATE	08/15/11	08/15/11	08/16/11	08/16/11

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List of Attendees

Meeting with Mitsubishi Heavy Industries, Ltd. (MHI) to discuss the United States - Advanced Pressurized Water Reactor (US-APWR) Design Control Document (DCD), Section 3.8 Steel-Concrete Module Design Methodology held on June 15, 2011

<u>NAME</u>	<u>AGENCY/AFFILIATION</u>
Amit Varma	Bechtel/Dominion
Richard Baker	Bechtel/Dominion
Sanj Malushte	Bechtel/Dominion
Gina Borsh	Dominion Virginia Power
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Sam Hobbs	Enercon/Luminant
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William Luyties	Mitsubishi Nuclear Energy Systems Luminant Generation Company, LLC.
Hiroshi Shimizu	Mitsubishi Heavy Industries, Ltd.
Hiroyuki Fuyama	Mitsubishi Heavy Industries, Ltd.
Ryo Fujimoto	Mitsubishi Heavy Industries, Ltd.
Erin Wisler	Mitsubishi Nuclear Energy Systems
John Regan	Mitsubishi Nuclear Energy Systems
Masanori Onozuka	Mitsubishi Nuclear Energy Systems
Russ Bywater	Mitsubishi Nuclear Energy Systems
Takanori Ogata	Mitsubishi Nuclear Energy Systems
Kazunori Akiyama	Obayashi Corporation
Bob Kennedy	RPK Structural Mechanics
Branko Galunic	URS Corporation
Carl Baylor	URS Corporation
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Bhagwat Jain	U.S. Nuclear Regulatory Commission
Dennis Galvin	U.S. Nuclear Regulatory Commission
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John Ma	U.S. Nuclear Regulatory Commission
Jose Pires	U.S. Nuclear Regulatory Commission
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Mohamed Shams	U.S. Nuclear Regulatory Commission
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Enclosure

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