

November 15, 2012

MEMORANDUM TO: Hossein G. Hamzehee, Chief
Licensing Branch 2
Division of New Reactor Licensing
Office of New Reactors

FROM: Dennis J. Galvin, Project Manager */RA/*
Licensing Branch 2
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: REPORT OF THE AUGUST 22 - 30, 2011, AUDIT REGARDING
THE UNITED STATES - ADVANCED PRESSURIZED WATER
REACTOR COMPUTER PROGRAMS AND PIPING DESCRIBED
IN DESIGN CONTROL DOCUMENT SECTION 3.9.1 AND
SECTION 3.12

As part of its review of the United States - Advanced Pressurized Water Reactor (US-APWR) Design Certification application between August 22 - 30, 2011, members of the U.S. Nuclear Regulatory Commission staff performed an audit at the Mitsubishi Nuclear Energy Systems, Inc. facility in Arlington, Virginia. The purpose of the audit was to review the computer programs that are used for static, dynamic, and hydraulic transient analyses of the US-APWR design. A list of attendees is provided as Enclosure 1.

The audit plan can be found in the Agencywide Document Access and Management System (ADAMS) under accession number ML112150252, dated August 16, 2011. The results of the audit have been prepared, entitled "United States - Advanced Pressurized Water Reactor Computer Programs and Piping Described in Design Control Document Sections 3.9.1 and 3.12 Audit Report". This is provided as Enclosure 2. A list of documents made available to the NRC staff is provided as Enclosure 3.

Docket No. 52-021

Enclosures:
As stated

cc w/o Enclosures 2 and 3: See next page

CONTACT: Dennis Galvin, NRO/DNRL
(301) 415-6256

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ADAMS Accession No.: ML12251A253

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DATE	10/27/2012	09/13/2012	10/31/2012	11/1/2012	11/5/2012	11/15/2012

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LIST OF ATTENDEES

Standard Review Plan Section 3.9.1 and 3.12 Computer Program and Piping Design Audit Held
On August 22-30, 2011

<u>NAME</u>	<u>REPRESENTING</u>
Kiminobu Hojo	Mitsubishi Heavy Industries
Atsushi Kumaki	Mitsubishi Heavy Industries
Yoshihiro Takayama	Mitsubishi Heavy Industries
Hideki Fujimoto	Mitsubishi Heavy Industries
Masanori Toyoda	Mitsubishi Heavy Industries
Makoto Yokota	MNEC
Masato Mochimasa	MNEC
Ryan Sprengel	Mitsubishi Nuclear Energy Systems
Erin Wisler	Mitsubishi Nuclear Energy Systems
Hikaru Ogasawara	Mitsubishi Nuclear Energy Systems
Ruliann Takanasu	Mitsubishi Nuclear Energy Systems
Yosuke Katsura	Mitsubishi Nuclear Energy Systems
Russ Bywater	Mitsubishi Nuclear Energy Systems
Con Wilson	MNES/Demark
Dennis Galvin	U.S. Nuclear Regulatory Commission
Kaihwa (Robert) Hsu	U.S. Nuclear Regulatory Commission
Cheng-Ih (John)Wu	U.S. Nuclear Regulatory Commission
Yiu Law	U.S. Nuclear Regulatory Commission
Terri Spicher	U.S. Nuclear Regulatory Commission
Gary Swearingen	Pacific Northwest National Laboratory

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(Revised 11/15/2012)

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