

November 4, 2014

MEMORANDUM TO: Samuel S. Lee, Chief
Licensing Branch 2
Division of New Reactor Licensing
Office of New Reactors

FROM: William R. Ward, Senior Project Manager */RA/*
Licensing Branch 2
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION REPORT FOR THE
AUDIT PERFORMED ON SEPTEMBER 16, 2014, TO VERIFY THE
CONDUCT AND DOCUMENTATION OF AN OPERATING
EXPERIENCE REVIEW IN SUPPORT OF THE MITSUBISHI HEAVY
INDUSTRIES, LTD, DESIGN CERTIFICATION APPLICATION,
CHAPTER 18, HUMAN FACTORS ENGINEERING

As part of its review of the Mitsubishi Heavy Industries, Ltd. (MHI), Design Certification Application (DCA), on September 16, 2014, the U.S. Nuclear Regulatory Commission (NRC) staff performed an audit of an MHI document via an electronic reading room. The purpose of the audit was to verify the conduct and documentation of an Operating Experience Review (OER) with the results used to inform the United States - Advanced Pressurized Water Reactor (US-APWR) Basic Human System Interface (HSI) design. This was accomplished previously with the docketing of MUAP-08014, "US-APWR Human System Interface Verification and Validation (Phase 1a)." However, this document was subsequently withdrawn and cannot be referenced in the NRC's Safety Evaluation Report. MHI has now moved the necessary information, previously identified as Table 6 in MUAP-08014, to a separate internal document.

The audit plan can be found in the Agencywide Document Access and Management System (ADAMS) under accession number ML14254A462 dated September 15, 2014. The results of the audit are documented in Enclosure 1 and can be found in ADAMS under accession number ML14304A619. The list of attendees is documented in Enclosure 2 (ML14304A624). The list of documents available to the NRC staff is documented in Enclosure 3 (ML14304A628).

Docket No.: 52-021

Enclosures:
As stated

cc w/ enclosures: See next page

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(Revised 10/02/2014)

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