

March 4, 2013

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

FROM: Paul B. Kallan, 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 OCTOBER 9, 2012, REGARDING
CHAPTER 5.4.7, "RESIDUAL HEAT REMOVAL SYSTEM" REVIEW
FOR THE UNITED STATES - ADVANCED PRESSURIZED WATER
REACTOR DESIGN CERTIFICATION APPLICATION

As part of its review of the United States - Advanced Pressurized Water Reactor Design Certification (DC) application, on October 9, 2012, members of the Reactor System, Nuclear Performance and Code Review Branch of the Division of Safety Systems and Risk Assessment, performed an audit at the Mitsubishi Nuclear Energy Systems, Inc. facility in Arlington, Virginia. The purpose of the audit was to review data and/or analyses which could support closure of request for additional information (RAI) 6413, Question 3 for Chapter 5.4.7, "Residual Heat Removal System." The staff did not find the provided applicant information sufficient to reach a safety conclusion.

The plan for this audit is documented and can be found in the Agencywide Document Access and Management System (ADAMS) under accession number ML12279A121, dated October 5, 2012. The results of the audit are documented in Enclosure 1 which contains sensitive internal information and therefore, is not available to the public. A List of Attendees 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/ enclosures 2 and 3: See next page

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