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TOKYO, JAPAN

January 31, 2011

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Attention: Mr. Michael Johnson, Director
Office of New Reactors

MHI Ref: UAP-HF-11023

Subject: MHI's Submittal in Response to NRC RIS 2010-10

References:

- 1) NRC Regulatory Issue Summary 2010-10 "Process for Scheduling Acceptance Reviews of New Reactor Licensing Applications and Process for Determining Budget Need for Fiscal Year 2013" dated November 15, 2010

Mitsubishi Heavy Industries, LTD. (MHI) submits herein its response to RIS 2010-10 as it relates to the application for design certification (DC) for the US-APWR. In Reference 1, the NRC stated, "The staff is seeking notification on the number and complexity of ESP, LWA, DC, and COL applications, and any other licensing requests that applicants expect to submit in FY 2013. This information will assist the staff in determining FY 2013 budget needs." MHI is planning to submit several topical reports in CY 2011 through CY 2013 for NRC review and approval related to the US-APWR that will require NRC resource commitments extending into and potentially beyond FY 2013.

MHI is planning to submit seven topical reports for NRC review that, once approved, will provide US-APWR licensees alternatives to certain design features and analytical methods. Once available, these alternative design features and analytical methods will be valuable options for US-APWR customers, providing improvements in plant economy, maintainability, and supplier availability. The topical reports include five relating to reactor core reload and safety analyses, one that would describe a proposed fixed incore detector system alternative to a moveable incore detector system, and one that would describe use of an alternative fuel cladding material. MHI estimates that approximately 2-3 years of NRC review time would be required from the time of submittal of these topical reports in CY 2011, CY 2012 and CY 2013 to their approval for use. The topical reports will be submitted in this timeframe to allow the current US-APWR applicants adequate time to make a decision whether to include these alternative design features and analytical methods into their design, and for use by other facilities. As in the past, Mitsubishi will aggressively support the NRC's review process, including supporting any requested meetings or responding to any requests for additional information for our topical reports to assist in an efficient review.

MHI would like to schedule a meeting with the NRC staff to further discuss our plans for submitting these topical reports. During this meeting, we can present details of the content of these topical reports and our planned submittal schedule. We could also use this meeting as an opportunity to understand any interface requirements between the NRC Office of New Reactors (NRO) and Office of Nuclear Reactor Regulation (NRR) we may need to support and also to determine what information NRC will require to ensure a successful review of these seven topical

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reports. We will be in contact with our US-APWR NRO Project Manager, Mr. Jeff Ciocco, to initiate arrangements for this meeting. We appreciate the opportunity to work with the NRC staff to assist the Agency in its budget planning efforts. MHI considers the review and approval of these topical reports an important priority and would like to request sufficient NRC resources are available to support this effort.

Should you have any questions regarding this response, please contact Dr. C. Keith Paulson, Senior Technical Manager, Mitsubishi Nuclear Energy Systems, Inc. His contact information is below.

Sincerely,

A handwritten signature in black ink, appearing to read "Y. Ogata".

Yoshiki Ogata,
General Manager- APWR Promoting Department
Mitsubishi Heavy Industries, LTD.

CC: J. A. Ciocco
C.K. Paulson

Contact Information

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