

  
**MITSUBISHI HEAVY INDUSTRIES, LTD.**  
16-5, KONAN 2-CHOME, MINATO-KU  
TOKYO, JAPAN

July 8, 2010

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

Attention: Mr. Jeffrey A. Ciocco

Docket No. 52-021  
MHI Ref: UAP-HF-10195

**Subject: MHI's 11<sup>th</sup> Response to NRC's Request for Additional Information on US-APWR Topical Report: Non-LOCA Methodology, MUAP-07010-P (R0) (6<sup>th</sup> Topical Report RAI)**

**References:** 1) "REQUEST FOR ADDITIONAL INFORMATION, US-APWR Topical Report: Non-LOCA Methodology, MUAP-07010-P(R0)", dated June 17, 2010.

Mitsubishi Heavy Industries, Ltd. ("MHI") transmits to the U.S. Nuclear Regulatory Commission ("NRC") the document entitled "MHI's 11<sup>th</sup> Response to NRC's Request for Additional Information on US-APWR Topical Report: Non-LOCA Methodology, MUAP-07010-P (R0) (6<sup>th</sup> Topical Report RAI)". The enclosed materials provide MHI's responses to the NRC's Requests for Additional Information ("RAIs") (Reference 1). MHI has previously responded to RAIs on the Non-LOCA Topical Report in MHI letters: UAP-HF-08141 dated August 22, 2008, UAP-HF-08170 dated September 12, 2008, UAP-HF-08245 dated November 19, 2008, UAP-HF-09040 dated February 12, 2009, UAP-HF-09358 dated July 10, 2009, UAP-HF-10001 dated January 7, 2010, and UAP-HF-10101 dated May 10, 2010.

As indicated in the enclosed materials, Enclosure 2 contains information that MHI considers proprietary, and therefore should be withheld from public disclosure pursuant to 10 C.F.R. § 2.390 (a)(4) as trade secrets and commercial or financial information which is privileged or confidential.

This letter includes a copy of the proprietary version of the RAI response (Enclosure 2), and the Affidavit of Yoshiki Ogata (Enclosure 1) which identifies the reasons MHI respectfully requests that all material designated as "Proprietary" in Enclosure 2 be withheld from disclosure pursuant to 10 C.F.R. § 2.390 (a)(4).

Please contact Dr. C. Keith Paulson, Senior Technical Manager, Mitsubishi Nuclear Energy Systems, Inc., if the NRC has questions concerning any aspect of this submittal. His contact information is provided below.

Sincerely,



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

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NRD

Enclosures:

1. Affidavit of Yoshiki Ogata
2. MHI's 11<sup>th</sup> Response to NRC's Request for Additional Information on US-APWR Topical Report: Non-LOCA Methodology, MUAP-07010-P (R0) (6th Topical Report RAI) (proprietary)

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

Contact Information

C. Keith Paulson, Senior Technical Manager  
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## ENCLOSURE 1

Docket No. 52-021

MHI Ref: UAP-HF-10195

### MITSUBISHI HEAVY INDUSTRIES, LTD.

#### AFFIDAVIT

I, Yoshiki Ogata, being duly sworn according to law, depose and state as follows:

1. I am General Manager, APWR Promoting Department, of Mitsubishi Heavy Industries, Ltd. ("MHI"), and have been delegated the function of reviewing MHI's US-APWR documentation to determine whether it contains information that should be withheld from disclosure pursuant to 10 C.F.R. § 2.390 (a)(4) as trade secrets and commercial or financial information which is privileged or confidential.
2. In accordance with my responsibilities, I have reviewed the enclosed documents entitled "MHI's 11<sup>th</sup> Response to NRC's Request for Additional Information on US-APWR Topical Report: Non-LOCA Methodology, MUAP-07010-P (R0) (6<sup>th</sup> Topical Report RAI)" dated July 8, 2010, and have determined that the documents contain proprietary information that should be withheld from public disclosure. The first page of the document indicates that information identified as "Proprietary" should be withheld from public disclosure pursuant to 10 C.F.R. § 2.390 (a)(4).
3. The basis for holding the referenced information confidential is that it describes the unique design of the safety analysis, developed by MHI (the "MHI Information").
4. The MHI Information is not used in the exact form by any of MHI's competitors. This information was developed at significant cost to MHI, since it required the performance of research and development and detailed design for its software and hardware extending over several years. Therefore public disclosure of the materials would adversely affect MHI's competitive position.
5. The referenced information has in the past been, and will continue to be, held in confidence by MHI and is always subject to suitable measures to protect it from unauthorized use or disclosure.
6. The referenced information is not available in public sources and could not be gathered readily from other publicly available information.
7. The referenced information is being furnished to the Nuclear Regulatory Commission ("NRC") in confidence and solely for the purpose of supporting the NRC staff's review of MHI's application for certification of its US-APWR Standard Plant Design.
8. Public disclosure of the referenced information would assist competitors of MHI in their design of new nuclear power plants without the costs or risks associated with the design and testing of new systems and components. Disclosure of the information identified as proprietary would therefore have negative impacts on the competitive position of MHI in the U.S. nuclear plant market.

I declare under penalty of perjury that the foregoing affidavit and the matters stated therein are true and correct to the best of my knowledge, information, and belief.

Executed on this 8<sup>th</sup> day of July, 2010.

A handwritten signature in black ink, appearing to read "Y. Ogata". The signature is written in a cursive style with a long horizontal stroke at the end.

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Yoshiaki Ogata