

16-5, KONAN 2-CHOME, MINATO-KU TOKYO, JAPAN

December 28, 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-10349

Subject:

Transmittal of US-APWR DCD Chapter 15.6.5 SBLOCA Markups

References: 1)

- Mitsubishi Heavy Industries, Ltd., 'MHI's Response to the NRC's Request for Additional Information on Topical Report MUAP-07013-P (R1) "Small Break LOCA Methodology for US-APWR" on 09/28/2010', UAP-HF-10266, September 30, 2010.
- 2) Mitsubishi Heavy Industries, Ltd., 'Transmittal of US-APWR DCD Chapter 15.6.5 SBLOCA Markups', UAP-HF-10290, November 1, 2010.

With this letter, Mitsubishi Heavy Industries, Ltd. ("MHI") transmits to the U.S. Nuclear Regulatory Commission ("NRC") an official document entitled 'US-APWR DCD Chapter 15.6.5 SBLOCA Markups'. MHI provides this document in relation to the M-RELAP5 code modification described in Reference 1, as agreed between the NRC and MHI. It is noted that the draft markups related to this code modification were previously submitted to the NRC in Reference 2. The markups enclosed with this letter are to be involved in the next official revision of the US-APWR Design Control Document (DCD).

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.

Atoush Kermahi For

## Enclosures:

1. US-APWR DCD Chapter 15.6.5 SBLOCA Markups (OSM, non-proprietary)

CC:

J. A. Ciocco

C. K. Paulson

## **Contact Information**

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## ATTACHMENT 1 FILES Contained in OSM

## UAP-HF-10349

OSM: "US-APWR DCD Chapter 15.6.5 SBLOCA Markups"

Contents of OSM (Optical Storage Medium)

File Name Size Sensitivity Level

US-APWR DCD Chapter 15.6.5 SBLOCA Markups
 S15\_6\_5\_R2\_Markup.pdf

816KB Non-Proprietary