

Enclosure 3

UAP-HF-08048, Rev.0

**MHI's Response to NRC's Follow-Up Request
for Additional Information**

on

**Mass and Energy Release Analysis Code Applicability
for US-APWR Topical Report MUAP-07012-P**

February 2008
(Non-Proprietary)

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INTRODUCTION

This report documents MHI's response to the following NRC's RAI dated January 30 2008 concerning the topical report, MUAP-07012-P(R0), "LOCA Mass and Energy Release Analysis Code Applicability Report for US-APWR".

"Please provide the NRC staff with an electronic file of the US-APWR GOTHIC input for the double ended pump suction break. The staff would like to use this input to develop a description of the US-APWR containment using the MELCOR computer code for the purpose of performing confirmatory analysis. We also would like to share it with NRC research staff as they are developing a MELCOR containment model for the Chapter 6.2 evaluation."

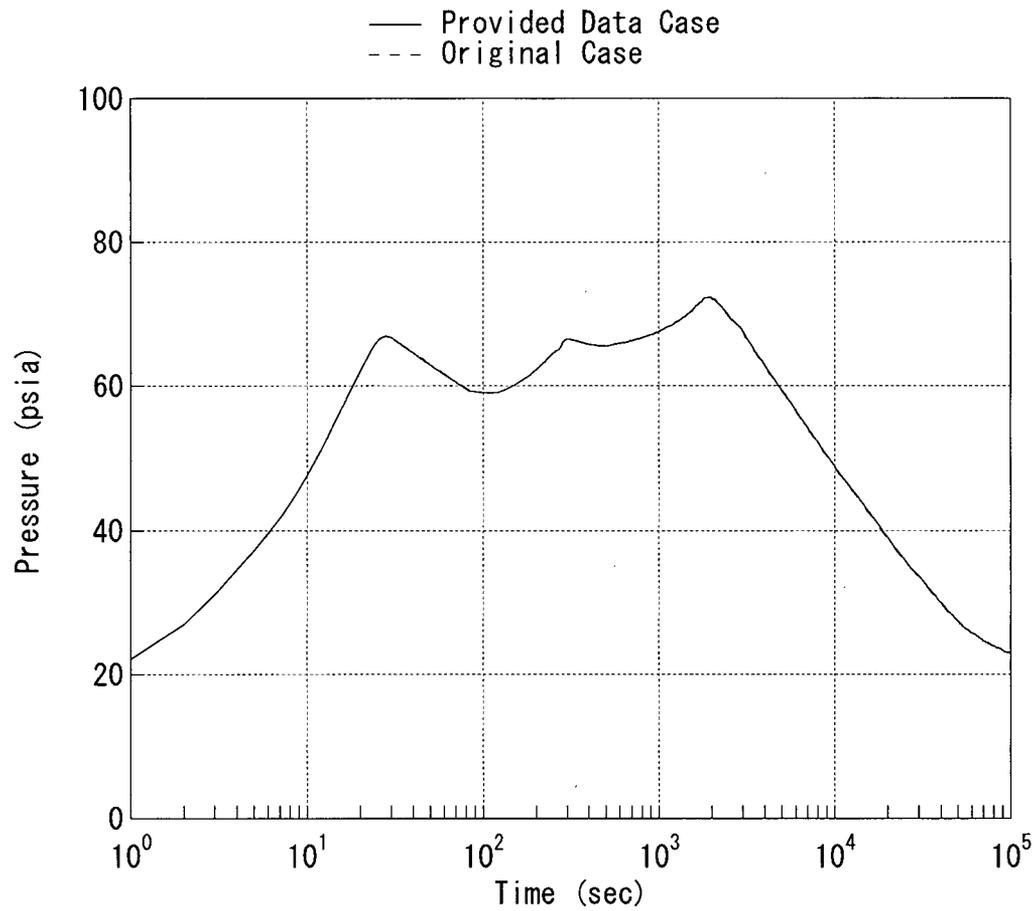


Figure 1 Containment Pressure