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January 28, 2016
Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Attention: Mr. Jeff Ciocco
Division of New Reactor Licensing

Docket No. 52-046
MKD/NW-16-0083L

Subject: Response to RAI 235-8275 for Questions 12.03-30, 12.03-34, 12.03-35, 12.03-37, and 12.03-38

- References:**
- 1) NRC Request for Additional Information RAI 235-8275, dated October 7, 2015**
 - 2) KHNP Letter MKD/NW-15-0290L, Response to RAI 235-8275, dated November 30, 2015**
 - 3) KHNP Letter MKD/NW-15-0347L, Response to RAI 235-8275 for Question 12.03-23, dated December 10, 2015**
 - 4) KHNP Letter MKD/NW-16-0007L, Response to RAI 235-8275 for Question 12.03-40, dated January 6, 2016**
 - 5) KHNP Letter MKD/NW-16-0065L, Response to RAI 235-8275 for Question 12.03-24, dated January 26, 2016**

KHNP is hereby submitting the response to RAI 235-8275, dated October 7, 2015. The response addresses Questions 12.03-30, 12.03-34, 12.03-35, 12.03-37, and 12.03-38. The enclosure provides the response to RAI 235-8275 for Questions 12.03-30, 12.03-34, 12.03-35, 12.03-37, and 12.03-38 (Non-Proprietary).

The responses to the remaining questions will be submitted later: Questions 12.03-25, 12.03-26, 12.03-31, 12.03-32, 12.03-33, 12.03-41, and 12.03-46 will be responded to by February 5, 2016; Questions 12.03-27, 12.03-39, 12.03-42, and 12.03-43 will be responded to by February 19, 2016.

If additional information or clarification is required, please contact Daegeun Ahn, Director of KHNP Washington DC Center at ahn.daegeun@khnp.co.kr or 703-388-0592.

Sincerely,

Jae-yong Lee
Project Manager
Advanced Reactors Development Laboratory
Korea Hydro and Nuclear Power Co., Ltd



Enclosure: Response to RAI 235-8275 for Questions 12.03-30, 12.03-34, 12.03-35, 12.03-37, and 12.03-38 (Non-Proprietary)

Enclosure

Response to RAI 235-8275 for Questions 12.03-30, 12.03-34, 12.03-35,
12.03-37, and 12.03-38

(Non-Proprietary)

January 28, 2016