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April 22, 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-16-0407L

Subject: Response to RAI 235-8275 for Question 12.03-46

- 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
 - 6) KHNP Letter MKD/NW-16-0083L, Response to RAI 235-8275 for Questions 12.03-30, 12.03-34, 12.03-35, 12.03-37, and 12.03-38, dated January 28, 2016
 - 7) KHNP Letter MKD/NW-16-0124L, Response to RAI 235-8275 for Questions 12.03-25, 12.03-26, 12.03-31, 12.03-32, 12.03-33, and 12.03-41, dated February 5, 2016
 - 8) KHNP Letter MKD/NW-16-0157L, Response to RAI 235-8275 for Questions 12.03-27, 12.03-39, 12.03-42, and 12.03-43, dated February 26, 2016

KHNP is hereby submitting the response to RAI 235-8275, dated October 7, 2015. The response addresses Question 12.03-46. The enclosure 1 provides the response to RAI 235-8275 for Question 12.03-46 (SRI), and The enclosure 2 provides the response to RAI 235-8275 for Question 12.03-46 (Non-SRI).

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



Enclosures:

1. Response to RAI 235-8275 for Question 12.03-46 (SRI)
2. Response to RAI 235-8275 for Question 12.03-46 (Non-SRI)

Enclosure 1

Response to RAI 235-8275 for Question 12.03-46

(SRI)

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Enclosure 2

Response to RAI 235-8275 for Question 12.03-46

(Non-SRI)

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