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May 3, 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-16-0458L

**Subject: Revised Response to RAI 235-8275 for Questions 12.03-34 and 12.03-35**

**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) Clarification call between NRC and KHNP conducted on April 6, 2016

KHNP is hereby submitting the revised response to RAI 235-8275, dated October 7, 2015. The RAI revised response addresses Questions 12.03-34 and 12.03-35 as discussed with NRC staff during a clarification call on April 6, 2016. The enclosure contains the revised response to RAI 235-8275 for Questions 12.03-34 and 12.03-35 (Non-Proprietary).

If additional information or clarification is required, please contact Daegeun Ahn, Director of KHNP Washington DC Center at [ahn.daegeun@khnp.co.kr](mailto: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



**KHNP**  
KOREA HYDRO & NUCLEAR POWER CO., LTD

Enclosure: Revised Response to RAI 235-8275 for Questions 12.03-34 and 12.03-35 (Non-Proprietary)

**Enclosure**

Revised Response to RAI 235-8275 for Questions 12.03-34 and  
12.03-35

(Non-Proprietary)

May 3, 2016