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Document Control Desk

U.S. Nuclear Regulatory Commission

Washington, DC 20555-0001

Attention: Mr. William Ward  
Division of New Reactor Licensing

Docket No. 52-046  
MKD/NW-18-0041L

**Subject: Revised Response to RAI 232-7864 for Question 19-10 (Rev.3)**

**References:** 1) NRC Request for Additional Information 232-7864, dated September 30, 2015  
2) KHNP Letter MKD/NW-17-0308L, Response to RAI 232-7864 for Question 19-10, dated September 28, 2017  
3) KHNP Letter MKD/NW-17-0363L, Revised Response to RAI 232-7864 for Question 19-10 (Rev.1), dated November 15, 2017  
4) KHNP Letter MKD/NW-18-0029L, Revised Response to RAI 232-7864 for Question 19-10 (Rev.2), dated February 20, 2018

KHNP is hereby submitting the response to RAI 232-7864, dated September 30, 2015. The revised response to Question 19-10 provides clarifications and additional information relating to APR1400 PRA-based seismic margin analysis (SMA) performed for Low Power and Shutdown (LPSD) conditions. The enclosure provides the revised response to RAI 232-7864 for Question 19-10 (Rev.3) (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,

Han-gon Kim

Project Manager

Advanced Reactors Development Laboratory

Korea Hydro &amp; Nuclear Power Co., Ltd.

Enclosure: Revised Response to RAI 232-7864 for Question 19-10 (Rev.3) (Non-Proprietary)

**Enclosure**

Revised Response to RAI 232-7864 for Question 19-10 (Rev.3)

(Non-Proprietary)

March 27, 2018