



KHNP

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February 20, 2018
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-18-0030L

Subject: Revised Response to RAI 434-8352 for Question 19-85 (Rev.1)

References: 1) NRC Request for Additional Information 434-8352, dated March 8, 2016
2) KHNP Letter MKD/NW-17-0286L, Response to RAI 434-8352 for Question 19-85, dated September 28, 2017

KHNP is hereby submitting the response to RAI 434-8352, dated March 8, 2016. The revised response addresses Question 19-85 relating to PRA-based seismic margin analysis (SMA). The enclosure provides the revised response to RAI 434-8352 for Question 19-85 (Rev.1) (Non-Proprietary). As discussed in a recent meeting with the NRC staff, KHNP committed to include in the accompanying DCD markups reference to a self-assessment being completed on the APR1400 PRA-based SMA. The self-assessment of the PRA-based SMA will be finalized prior to issuance of DCD Rev. 3.

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,

A handwritten signature in black ink that reads "Kim Han Gon".

Han-gon Kim
Project Manager
Advanced Reactors Development Laboratory
Korea Hydro & Nuclear Power Co., Ltd.

Enclosure: Revised Response to RAI 434-8352 for Question 19-85 (Rev.1) (Non-Proprietary)

Enclosure

Revised Response to RAI 434-8352 for Question 19-85 (Rev.1)

(Non-Proprietary)

February 20, 2018