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U.S. Nuclear Regulatory Commission

Washington, DC 20555-0001

Attention: Mr. Jeff Ciocco
Division of New Reactor Licensing

Docket No. 52-046
MKD/NW-16-0833L

Subject: Revised Response to RAI 409-8325 for Question 19-28

References: 1) NRC Request for Additional Information 409-8325, dated February 22, 2016
2) KHNP Letter MKD/NW-16-0339L, Response to RAI 409-8325, dated April 12, 2016
3) KHNP Letter MKD/NW-16-0298L, Response to RAI 409-8325 for Question 19-26, dated April 16, 2016
4) KHNP Letter MKD/NW-16-0670L, Revised Response to RAI 409-8325 for Question 19-27, dated June 23, 2016

KHNP is hereby submitting the revised response to RAI 409-8325 for Question 19-28, dated February 22, 2016. The revised response provides the summary tables for the dependency analysis performed for the APR1400 HFEs for LPSD Level 2 PRA. The enclosure provides the revised response to RAI 409-8325 for Question 19-28 (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 or 703-388-0592.

Sincerely,

Jae-yong Lee

Project Manager

Advanced Reactors Development Laboratory

Korea Hydro and Nuclear Power Co., Ltd

Enclosure: Revised Response to RAI 409-8325 for Question 19-28 (Non-Proprietary)

Enclosure

Revised Response to RAI 409-8325 for Question 19-28

(Non-Proprietary)

July 29, 2016