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August 4, 2016 Document Control Desk U.S. Nuclear Regulatory Commission Washington, DC 20555-0001

Attention: Mr. Jeff Ciocco

Docket No. 52-046 Division of New Reactor Licensing MKD/NW-16-0855L

Subject: Response to RAI 434-8352 for Questions 19-87, 19-89, and 19-90

Reference: NRC Request for Additional Information 434-8352, dated March 8, 2016

References: 1) NRC Request for Additional Information 434-8352, dated March 8, 2016 2) KHNP Letter MKD/NW-16-0821L, Response to RAI 434-8352 for Questions 19-86, 19-93, and 19-94, dated July 29, 2016

KHNP is hereby submitting the response to RAI 434-8352, dated March 8, 2016. The response addresses Questions 19-87, 19-89, and 19-90. The enclosure provides the response to RAI 434-8352 for Questions 19-87, 19-89, and 19-90 (Non-Proprietary).

The responses to the remaining Questions 19-85, 19-88, 19-91, and 19-92 will be provided to by August 12, 2016.

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: Response to RAI 434-8352 for Questions 19-87, 19-89, and 19-90 (Non-Proprietary)



Enclosure

Response to RAI 434-8352 for Questions 19-87, 19-89, and 19-90 (Non-Proprietary)

August 4, 2016