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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-16-0558L

Subject: Response to RAI 460-8554 for Question 07.01-53**References: 1) NRC Request for Additional Information 460-8554, dated April 19, 2016**

KHNP is hereby submitting the response to RAI 460-8554, dated April 19, 2016. The RAI response addresses the Question 07.01-53.

Enclosure contains the response to RAI 460-8554 for Question 07.01-53 (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: Response to RAI 460-8554 for Question 07.01-53 (Non-Proprietary)

Enclosure

Response to RAI 460-8554 for Question 07.01-53

(Non-Proprietary)

May 27, 2016