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July 5, 2016 Document Control Desk U.S. Nuclear Regulatory Commission Washington, DC 20555-0001

Attention: Mr. Jeff Ciocco

Docket No. 52-046 MKD/NW-16-0725L

Division of New Reactor Licensing

Subject: Response to RAI 478-8568 for Question 16-142

References: 1) NRC Request for Additional Information 478-8568, dated May 10, 2016

2) KHNP Letter MKD/NW-16-0685L, Response to RAI 478-8568 for Question 16-140, dated June 30, 2016

KHNP is hereby submitting the response to RAI 478-8568, dated May 10, 2016. The response addresses Question 16-142. The enclosure provides the response to RAI 478-8568 for Question 16-142 (Non-Proprietary).

The response to the remaining questions will be submitted later: Questions 16-139 and 16-141 will be responded to by July 15, 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 478-8568 for Question 16-142 (Non-Proprietary)



Enclosure

Response to RAI 478-8568 for Question 16-142

(Non-Proprietary)

July 5, 2016