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November 7, 2016
Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Attention: Mr. Jeff Ciocco
Division of New Reactor Licensing

Docket No. 52-046
MKD/NW-16-1085L

Subject: Response to RAI 509-8591 for Questions 16-221 and 16-222

References: 1) NRC Request for Additional Information 509-8591, dated August 1, 2016

- 2) KHNP Letter MKD/NW-16-0869L, Response to RAI 509-8591 for Question 16-207, dated August 9, 2016**
- 3) KHNP Letter MKD/NW-16-0881L, Response to RAI 509-8591 for Questions 16-214, 16-215, 16-216, dated August 16, 2016**
- 4) KHNP Letter MKD/NW-16-0913L, Response to RAI 509-8591 for Questions 16-194 and 16-212, dated August 23, 2016**
- 5) KHNP Letter MKD/NW-16-0925L, Response to RAI 509-8591 for Question 16-211, dated August 25, 2016**
- 6) KHNP Letter MKD/NW-16-0934L, Response to RAI 509-8591 for Seven (7) Questions, dated August 29, 2016**
- 7) KHNP Letter MKD/NW-16-0949L, Response to RAI 509-8591 for Questions 16-208 and 16-209, dated September 2, 2016**
- 8) KHNP Letter MKD/NW-16-0960L, Response to RAI 509-8591 for Question 16-210, dated September 7, 2016**
- 9) KHNP Letter MKD/NW-16-0961L, Response to RAI 509-8591 for Questions 16-200~16-204, dated September 8, 2016**
- 10) KHNP Letter MKD/NW-16-0980L, Response to RAI 509-8591 for Question 16-217, dated September 13, 2016**

KHNP is hereby submitting the response to RAI 509-8591, dated August 1, 2016. The response addresses Questions 16-221 and 16-222. The enclosure provides the response to RAI 509-8591 for Questions 16-221 and 16-222 (Non-Proprietary).

The responses to the remaining Questions 16-218 ~ 16-220 will be responded to by November 30, 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.



KHNP
KOREA HYDRO & NUCLEAR POWER CO., LTD

Sincerely,

Jae-yong Lee
Project Manager
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Korea Hydro and Nuclear Power Co., Ltd

Enclosure: Response to RAI 509-8591 for Questions 16-221 and 16-222 (Non-Proprietary)

Enclosure

Response to RAI 509-8591 for Questions 16-221 and 16-222

(Non-Proprietary)

November 7, 2016