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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-16-0828L

Subject: Revised Response to RAI 116-8054 for Question 14.03.08-9**References: 1) NRC Request for Additional Information 116-8054, dated July 27, 2015**

- 2) KHNP Letter MKD/NW-15-0109L, Response to RAI 116-8054 for Question on a 30-Day Response Cycle, dated September 1, 2015**
- 3) KHNP Letter MKD/NW-15-0186L, Response to RAI 116-8054 for Question on a 45-Day Response Cycle, dated October 7, 2015**
- 4) KHNP Letter MKD/NW-15-0204L, Response to RAI 116-8054 for Questions on a 60-Day Response Cycle, dated October 30, 2015**
- 5) KHNP Letter MKD/NW-15-0363L, Response to RAI 116-8054 for Question 14.03.08-10, dated December 17, 2015**
- 6) KHNP Letter MKD/NW-16-0112L, Response to RAI 116-8054 for Question 14.03.08-11, dated February 4, 2016**
- 7) KHNP Letter MKD/NW-16-0123L, Response to RAI 116-8054 for Question 14.03.08-1, dated February 5, 2016**
- 8) KHNP Letter MKD/NW-16-0143L, Response to RAI 116-8054 for Question 14.03.08-9, dated February 19, 2016**
- 9) KHNP Letter MKD/NW-16-0281L, Response to RAI 116-8054 for Question 14.03.08-7, dated March 30, 2016**

KHNP is hereby submitting a revised response to RAI 116-8054 for Question 14.03.08-9, dated July 27, 2015. The revised response provides detailed information on the associated inspections, tests, and analyses for the Area Radiation Monitor and Containment Hydrogen Control systems. This response also adds a column to the Area Radiation Monitoring system components list for harsh environmental qualification. The enclosure provides the revised response to RAI 116-8054 for Question 14.03.08-9 (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 116-8054 for Question 14.03.08-9 (Non-Proprietary)

Enclosure

Revised Response to RAI 116-8054 for Question 14.03.08-9

(Non-Proprietary)

July 29, 2016