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February 5, 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-16-0123L

**Subject: Response to RAI 116-8054 for Question 14.03.08-1**

- 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-15-0112L, Response to RAI 116-8054 for Question 14.03.08-11, dated February 4, 2016

KHNP is hereby submitting the response to RAI 116-8054, dated July 27, 2015. The response addresses Question 14.03.08-1. The enclosure provides the response to RAI 116-8054 for Question 14.03.08-1 (Non-Proprietary).

The responses to the remaining questions will be submitted later: Question 14.03.08-7 will be responded to by February 19, 2016; and Question 14.03.08-9 will be responded to by February 25, 2016.

If additional information or clarification is required, please contact Daegeun Ahn, Director of KHNP Washington DC Center at [ahn.daegeun@khnp.co.kr](mailto: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 116-8054 for Question 14.03.08-1 (Non-Proprietary)

## **Enclosure**

Response to RAI 116-8054 for Question 14.03.08-1

(Non-Proprietary)

February 5, 2016