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April 12, 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-16-0332L

**Subject: Response to RAI 175-8034 for Question 05.04.12-5**

**References: 1) NRC Request for Additional Information 175-8034, dated August 28, 2015**  
**2) KHNP Letter MKD/NW-16-0064L, Response to RAI 175-8034 for Questions 05.04.12-1, 05.04.12-2, 05.04.12-4, 05.04.12-8, and 05.04.12-10, dated January 26, 2016**  
**3) KHNP Letter MKD/NW-16-0154L, Response to RAI 175-8034 for Question 05.04.12-7, dated February 24, 2016**

KHNP is hereby submitting the response to RAI 175-8034, dated August 28, 2015. The response addresses Question 05.04.12-5. The enclosure provides the response to RAI 175-8034 for Question 05.04.12-5 (Non-Proprietary).

The responses to the remaining Questions 05.04.12-3, 05.04.12-6, and 05.04.12-9 will be responded to by April 29, 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  
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Enclosure: Response to RAI 175-8034 for Question 05.04.12-5 (Non-Proprietary)

**Enclosure**

Response to RAI 175-8034 for Question 05.04.12-5

(Non-Proprietary)

April 12, 2016