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May 19, 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-16-0524L

**Subject: Response to RAI 390-8479 for Question 12.02-26**

**Reference: NRC Request for Additional Information 390-8479, dated February 1, 2016**

KHNP is hereby submitting the response to RAI 390-8479, dated February 1, 2016. The response addresses Question 12.02-26 and also two open items from the shield calculation audit. The enclosure provides the response to RAI 390-8479 for Question 12.02-26 (Non-Proprietary).

The response to the remaining Question 12.02-27 will be responded to by May 31, 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,

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Jae-yong Lee  
Project Manager  
Advanced Reactors Development Laboratory  
Korea Hydro and Nuclear Power Co., Ltd

Enclosure: Response to RAI 390-8479 for Question 12.02-26 (Non-Proprietary)

**Enclosure**

Response to RAI 390-8479 for Question 12.02-26

(Non-Proprietary)

May 19, 2016