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May 13, 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-16-0488L

**Subject: Second Response to RAI 428-8412**

**References: 1) NRC Request for Additional Information 428-8412, dated March 2, 2016**  
**2) KHNP Letter MKD/NW-16-0453L, Response to RAI 428-8412, dated May 4, 2016**

KHNP is hereby submitting the response to RAI 428-8412, dated March 2, 2016. The second response addresses Questions 13.06-6, 13.06-7, 13.06-11, 13.06-12, 13.06-13, 13.06-14, 13.06-15, 13.06-16, 13.06-17, 13.06-20, 13.06-21, 13.06-22, 13.06-23, 13.06-24, 13.06-25, 13.06-27, 13.06-28, 13.06-29, 13.06-30, 13.06-31, 13.06-32, 13.06-35, 13.06-36, 13.06-39, 13.06-40, 13.06-41, and 13.06-42.

Enclosure 1 provides the second response to RAI 428-8412 (Security-Related Information).  
Enclosure 2 provides the second response to RAI 428-8412 (Non-Security-Related Information).

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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Enclosures:

1. Second Response to RAI 428-8412 (Security-Related Information)
2. Second Response to RAI 428-8412 (Non-Security-Related Information)

## **Enclosure 1**

Second Response to RAI 428-8412

(Security-Related Information)

May 13, 2016

## **Enclosure 2**

Second Response to RAI 428-8412

(Non-Security-Related Information)

May 13, 2016