

**KHNP****KOREA HYDRO & NUCLEAR POWER CO., LTD**

70-1312-gil, Yuseong-daero, Yuseong-gu, Daejeon, 305-343, KOREA

Tel: +82-42-870-5740 / Fax: +82-42-870-5779

<http://www.khnp.co.kr>

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 or 703-388-0592.

Sincerely,

Jae-yong Lee

Project Manager

Advanced Reactors Development Laboratory

Korea Hydro and Nuclear Power Co., Ltd

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