

**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>

January 20, 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-16-0050L

**Subject: Response to RAI 287-8272 for Question 09.01.02-46**

**References: 1) NRC Request for Additional Information 287-8272, dated November 2, 2015**  
**2) KHNP Letter MKD/NW-15-0426L, Response to RAI 287-8272 for Questions 09.01.02-9, 09.01.02-45, and 09.01.02-47, dated December 31, 2015**  
**3) KHNP Letter MKD/NW-15-0016L, Response to RAI 287-8272 for Questions 09.01.02-10 and 09.01.02-19, dated January 19, 2016**

KHNP is hereby submitting the response to RAI 287-8272 for Question 09.01.02-46, dated November 2, 2015. The response addresses Question 09.01.02-46. The enclosure provides the response to RAI 287-8272 for Question 09.01.02-46 (Non-Proprietary).

The responses to the remaining questions will be submitted later: Questions 09.01.02-26, 09.01.02-32, 09.01.02-34, 09.01.02-35, 09.01.02-37, 09.01.02-38, and 09.01.02-39 were on a 30-day response cycle and will be responded to by January 31, 2016; Questions 09.01.02-11, 09.01.02-12, 09.01.02-13, 09.01.02-14, 09.01.02-17, 09.01.02-18, 09.01.02-22, 09.01.02-23, 09.01.02-25, 09.01.02-28, 09.01.02-29, 09.01.02-33, 09.01.02-36, 09.01.02-40, 09.01.02-41, 09.01.02-42, 09.01.02-43, and 09.01.02-44 were on a 45-day response cycle and will be responded to by January 31, 2016; Question 09.01.02-27 was on a 60-day response cycle and will be responded to by January 31, 2016; Questions 09.01.02-20 and 09.01.02-24 were on a 90-day response cycle and will be responded to by January 31, 2016; Questions 09.01.02-15, 09.01.02-16, 09.01.02-21, 09.01.02-30, and 09.01.02-31 were on a 45-day response cycle and will be responded to by March 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,

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



Enclosure: Response to RAI 287-8272 for Question 09.01.02-46 (Non-Proprietary)

## **Enclosure**

Response to RAI 287-8272 for Question 09.01.02-46

(Non-Proprietary)

January 20, 2016