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May 17, 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-16-0507L

**Subject: Revised Response to RAI 91-7867 for Question 14.02-3**

**References: 1) NRC Request for Additional Information 91-7867, dated July 20, 2015**  
**2) KHNP Letter MKD/NW-15-0102L, Response to RAI 91-7867 for Questions on a 30-Day Response Cycle, dated August 28, 2015**  
**3) KHNP Letter MKD/NW-15-0312L, Response to RAI 91-7867 for Questions on a 60-Day Response Cycle, dated December 9, 2015**

KHNP is hereby submitting the revised response to RAI 91-7867, dated July 20, 2015. The revised response addresses Question 14.02-3. The original response to Question 14.02-3 was submitted to the NRC on December 9, 2016 as one of the initial test plans presented in Section 14.2 of the DCD within the upgrade effort undertaken by KHNP. It has since been determined, however, that this question is not within the scope of that effort and can be responded to without impact to the plan. The revised response describes identifying gas intrusion into the ECCS systems and related pre-requisite test checks. The enclosure provides the revised response to RAI 91-7867 for Question 14.02-3 (Non-Proprietary).

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: Revised Response to RAI 91-7867 for Question 14.02-3 (Non-Proprietary)

**Enclosure**

Revised Response to RAI 91-7867 for Question 14.02-3

(Non-Proprietary)

May 17, 2016