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August 2, 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-16-0841L

**Subject: Revised Response to RAI 252-8299 for Questions 03.07.02-7 and 03.07.02-10**

**References: 1) NRC Request for Additional Information 252-8299, dated October 19, 2015**  
**2) KHNP Letter MKD/NW-16-0142L, Response to RAI 252-8299 for Questions 03.07.02-7 and 03.07.02-10, dated February 19, 2016**

KHNP is hereby submitting the revised response to RAI 252-8299, dated October 19, 2015. The RAI revised response addresses Questions 03.07.02-7 and 03.07.02-10 to provide the sensitivity analysis results of the ACS SASSI NI SSI model under the maximum dynamic Poisson's ratio value 0.47 and 0.48 and to verify the adequacy of wall in the analysis model to accurately capture the out-of-plane responses.

The enclosure provides the revised response to RAI 252-8299 for the Question 03.07.02-7 and 03.07.02-10 (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 252-8299 for Questions 03.07.02-7 and 03.07.02-10  
(Non-Proprietary)

**Enclosure**

Revised Response to RAI 252-8299 for Questions 03.07.02-7 and  
03.07.02-10

(Non-Proprietary)

August 2, 2016