



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

October 22, 2015

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-15-0202L

Subject: Submittal of Response to Action Items 19-157, 19-231, 19-243, and 19-249 for PRA Topic

- References:**
- 1) KHNP Letter MKD/NW-15-0106L, Submittal of Response to Action Items for PRA Topic from the April 13-15 Public Meeting, dated August 27, 2015
 - 2) KHNP Letter MKD/NW-15-0132L, Submittal of Response to Action Items for PRA Topic from the April 13-15, May 18, and July 14 Public Meeting, dated September 11, 2015
 - 3) KHNP Letter MKD/NW-15-0176L, Submittal of Response to Action Items for PRA Topic from the April 13-15, May 18, and July 14 Public Meeting, dated October 1, 2015
 - 4) KHNP Letter MKD/NW-15-0194L, Submittal of Response to Action Items for PRA and SA Topics from the April 13-15, May 18, July 14, September 1, and October 1 Public Meeting, dated October 14, 2015

The purpose of this letter is to transmit the responses to action items associated with APR1400 Probabilistic Risk Assessment (PRA) topic, as discussed during the May 18, September 1, and October 1 public meetings between the NRC and KHNP.

The responses being submitted are as follows:

Action Item #	PRA #	Public Meeting
19-157	PRA-150	May 18
19-231, 19-243	PRA-208, PRA-220	September 1
19-249	PRA-226	October1

The enclosure contains the response to action items 19-157, 19-231, 19-243, and 19-249 for PRA topic (Non-Proprietary).

If additional information or clarification is required, please contact Daeguen Ahn, Director of KHNP Washington DC Center at ahn.daeguen@khnp.co.kr or 703-388-0592.



Sincerely,

A handwritten signature in black ink, appearing to read "Jae-yong Lee", written in a cursive style.

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

Enclosure: Response to Action Items 19-157, 19-231, 19-233, 19-243, and 19-249 for PRA Topic
(Non-Proprietary)

Enclosure

Response to Action Items 19-157, 19-231, 19-243, and 19-249 for PRA
Topic

(Non-Proprietary)

October 22, 2015