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March 15, 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-15-0230L

**Subject: Submittal of Response to PRA issues #PRA-223 and #PRA 225 for DCD Section 19.1 and 19.2**

**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  
5) KHNP Letter MKD/NW-15-0202L, Submittal of Response to Action Items 19-157, 19-231, 19-233, 19-243, and 19-249 for PRA Topic, dated October 21, 2015  
6) KHNP Letter MKD/NW-15-0229L, Submittal of Revised Response to PRA issue #PRA-53 for DCD Section 19.1, dated March 15 2016

The purpose of this letter is to transmit the responses to PRA issues for DCD Section 19.1 and 19.2 from September 1 and October 1 public meeting last year. The response addresses PRA Issue #PRA-223 (KHNP Action Item (AI) 19-246) and #PRA-225 (AI 19-248).

Enclosure 1 provides the response to Section 19.2 Issue #PRA-223 (Non-Proprietary). Enclosure 2 provides the response to Section 19.1 Issue #PRA-225 (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,

  
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Jae-yong Lee



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

Project Manager  
Advanced Reactors Development Laboratory  
Korea Hydro and Nuclear Power Co., Ltd

Enclosures:

1. Response to Section 19.2 Issue #PRA-223 (Non-Proprietary)
2. Response to Section 19.1 Issue #PRA-225 (Non-Proprietary)

## **Enclosure 1**

Response to Section 19.2 Issue #PRA-223 (Non-Proprietary)

(Non-Proprietary)

March 15, 2016

## **Enclosure 2**

Response to Section 19.1 Issue #PRA-225 (Non-Proprietary)

(Non-Proprietary)

March 15, 2016