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March 18, 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-15-0245L

**Subject: Submittal of Response to PRA issue #PRA-135 for DCD Section 19.1**

- 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
  - 7) KHNP Letter MKD/NW-15-0230L, Submittal of Response to PRA issue #PRA-223 and #PRA-225 for DCD Section 19.1 and 19.2, dated March 15, 2016

The purpose of this letter is to transmit the response to PRA issues for DCD Section 19.1. The response addresses PRA Issue #PRA-135 (KHNP Action Item (AI) 19-142). Enclosure provides the response to Section 19.1 Issue #PRA-135 (Non-Proprietary).

If additional information or clarification is required, please contact Daeyeun Ahn, Director of KHNP Washington DC Center at [ahn.daeyeun@khnp.co.kr](mailto:ahn.daeyeun@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 Section 19.1 Issue #PRA-135 (Non-Proprietary)

**Enclosure**

Response to Section 19.1 Issue #PRA-135  
(Non-Proprietary)

March 18, 2016