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August 1, 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-16-0835L

**Subject: Revised Response to RAI 433-8363 for Questions 19-73 and 19-74**

**References:** 1) NRC Request for Additional Information 433-8363, dated March 8, 2016  
2) KHNP Letter MKD/NW-16-0575L, Response to RAI 433-8363 for Question 19-80, dated May 31, 2016  
3) KHNP Letter MKD/NW-16-0620L, Response to RAI 433-8363 for Questions 19-75 and 19-76, dated June 15, 2016  
4) KHNP Letter MKD/NW-16-0669L, Response to RAI 433-8363 for Question 19-83, dated June 23, 2016  
5) KHNP Letter MKD/NW-16-0699L, Response to RAI 433-8363 for Questions 19-73 and 19-74, dated June 30, 2016  
6) KHNP Letter MKD/NW-16-0713L, Revised Response to RAI 433-8363 for Questions 19-75 and 19-80, dated July 7, 2016  
7) KHNP Letter MKD/NW-16-0730L, Response to RAI 433-8363 for Questions 19-71, 19-77, 19-78, and 19-79, dated July 14, 2016  
8) KHNP Letter MKD/NW-16-0767L, Response to RAI 433-8363 for Question 19-82, dated July 14, 2016  
9) KHNP Letter MKD/NW-16-0775L, Response to RAI 433-8363 for Questions 19-70, 19-72, 19-81, and 19-84, dated July 15, 2016

KHNP is hereby submitting the revised response to RAI 433-8363 for Questions 19-73 and 19-74, dated March 8, 2016. The revised response provides the additional information on the HCLPF capacity and fragility analysis. The enclosure provides the revised response to RAI 433-8363 for Questions 19-73 and 19-74 (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 433-8363 for Questions 19-73 and 19-74 (Non-Proprietary)

**Enclosure**

Revised Response to RAI 433-8363 for Questions 19-73 and 19-74

(Non-Proprietary)

August 1, 2016