



**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>

January 25, 2018  
Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Attention: Mr. William Ward  
Division of New Reactor Licensing

Docket No. 52-046  
MKD/NW-18-0017L

**Subject: Revised Response to RAI 417-8359 for Question 19-42 (Rev.3)**

- References:**
- 1) NRC Request for Additional Information 417-8359, dated February 23, 2016
  - 2) KHNP Letter MKD/NW-16-0668L, Response to RAI 417-8359 for Question 19-42, dated June 23, 2016
  - 3) KHNP Letter MKD/NW-16-1122L, Revised Response to RAI 417-8359 for Question 19-42, dated November 18, 2016
  - 4) KHNP Letter MKD/NW-17-0377L, Revised Response to RAI 417-8359 for Question 19-42 (Rev.2), dated December 19, 2017

KHNP is hereby submitting the response to RAI 417-8359, dated February 23, 2016. The revised response addresses Question 19-42 relating to the updated several items in the table of event tree top events and success criteria. The enclosure provides the revised response to RAI 417-8359 for Question 19-42 (Rev.3) (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,

Han-gon Kim  
Project Manager  
Advanced Reactors Development Laboratory  
Korea Hydro & Nuclear Power Co., Ltd.

Enclosure: Revised Response to RAI 417-8359 for Question 19-42 (Rev.3) (Non-Proprietary)

**Enclosure**

Revised Response to RAI 417-8359 for Question 19-42 (Rev.3)

(Non-Proprietary)

January 25, 2018