



KHNP

KOREA HYDRO & NUCLEAR POWER CO., LTD

70-1312-gil, Yuseong-daero, Yuseong-gu, Daejeon, 305-343, KOREA

Tel: +82-42-870-5400 / Fax: +82-42-870-5449

<http://www.khnp.co.kr>

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U.S. Nuclear Regulatory Commission

Washington, DC 20555-0001

Attention: Mr. William Ward
Division of New Reactor Licensing

Docket No. 52-046
MKD/NW-17-0171L

Subject: Response to RAI 540-8729 for the Question 08.02-12

Reference: NRC Request for Additional Information 540-8729, dated February 21, 2017

KHNP is hereby submitting the response to RAI 540-8729, dated February 21, 2017. The RAI response addresses Question 08.02-12 relating to the electrical power systems and open-phase condition (OPC) protection. The enclosure provides the response to RAI 540-8729 for the Question 08.02-12 (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 or 703-388-0592.

Sincerely,

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

Enclosure: Response to RAI 540-8729 for the Question 08.02-12 (Non-Proprietary)

Enclosure

Response to RAI 540-8729 for the Question 08.02-12

(Non-Proprietary)

July 11, 2017