



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>

August 2, 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-16-0731L

Subject: Revised Response to RAI 253-8300 for the Question 03.07.01-5

- References:**
- 1) **NRC Request for Additional Information 253-8300, dated October 19, 2015**
 - 2) **KHNP Letter MKD/NW-15-0414L, Response to RAI 253-8300 for Questions 03.07.01-6 and 03.07.01-7, dated December 31, 2015**
 - 3) **KHNP Letter MKD/NW-16-0097L, Response to RAI 253-8300 for Questions 03.07.01-5 and 03.07.01-8, dated January 29, 2016**
 - 4) **Bi-weekly Seismic Call with NRC and KHNP conducted on February 4, 2016**
 - 5) **KHNP Letter MKD/NW-16-0162L, Revised Response to RAI 253-8300 for the Question 03.07.01-7, dated February 25, 2016**

KHNP is hereby submitting a revised response to RAI 253-8300, dated October 19, 2015. The RAI revised response addresses Question 03.07.01-5 to demonstrate the discontinuity of the shear wave velocity and provide the transfer functions from Half-space Level and Surface Level. The enclosure provides the revised response to RAI 253-8300 for the Question 03.07.01-5 (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,

Jae-yong Lee
Project Manager
Advanced Reactors Development Laboratory
Korea Hydro and Nuclear Power Co., Ltd

Enclosure: Revised Response to RAI 253-8300 for the Question 03.07.01-5 (Non-Proprietary)

Enclosure

Revised Response to RAI 253-8300 for the Question 03.07.01-5

(Non-Proprietary)

August 2, 2016