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May 26, 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-16-0486L

**Subject: Revised Response to RAI 227-8274 for the Question 03.08.04-4 (Rev. 2)**

**References:** 1) NRC Request for Additional Information 227-8274, dated September 25, 2015  
2) KHNP Letter MKD/NW-15-0380L, Response to RAI 227-8274 for Question 03.08.04-6, dated December 18, 2015  
3) KHNP Letter MKD/NW-15-0331L, Response to RAI 227-8274, dated January 6, 2016  
4) KHNP Letter MKD/NW-16-0161L, Revised Response to RAI 227-8274 for the Question 03.08.04-5, dated February 25, 2016  
5) KHNP Letter MKD/NW-16-0354L, Revised Response to RAI 227-8274 for the Questions 03.08.04-1, 03.08.04-4, and 03.08.04-9, dated April 19, 2016

KHNP is hereby submitting a revised response to RAI 227-8274, dated September 25, 2015. The RAI revised response addresses Question 03.08.04-4 to clarify that the soil and surcharge load ( $L_g$ ) includes hydrostatic pressure, surcharge load, and earth pressure which was discussed in the bi-weekly seismic teleconference call with NRC on May 3, 2016.

The enclosure contains the revised response to RAI 227-8274 for Question 03.08.04-4 (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  
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Enclosure: Revised Response to RAI 227-8274 for the Question 03.08.04-4 (Non-Proprietary)

**Enclosure**

Revised Response to RAI 227-8274 for the Question 03.08.04-4

(Non-Proprietary)

May 26, 2016