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August 11, 2017  
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-17-0204L

**Subject: Transmittal of Topical Report APR1400-F-A-TR-12004-P, Revision 1, "Realistic Evaluation Methodology for Large-Break LOCA of the APR1400", dated August 2017**

**Reference: KHNP Letter MKD/NW-13-0004L, Transmittal of Topical Report APR1400-F-A-TR-12004-P/-NP, Revision 0, "Realistic Evaluation Methodology for Large-Break LOCA of the APR1400" for Safety Evaluation, dated Dec. 2012, dated January 7, 2013**

KHNP is hereby submitting topical report APR1400-F-A-TR-12004-P, Revision 1, "Realistic Evaluation Methodology for Large-Break LOCA of the APR1400" (Proprietary). The non-proprietary version of TR will be submitted by Aug. 25, 2017.

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  
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Enclosure: APR1400-F-A-TR-12004-P, Revision 1 (Proprietary)

**Enclosure**

APR1400-F-A-TR-12004-P, Revision 1

(Proprietary)

August 11, 2017