

**KHNP****KOREA HYDRO & NUCLEAR POWER CO., LTD**

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

Tel: +82-42-870-5400/ Fax: +82-42-870-5779

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

May 2, 2016  
Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Attention: Mr. Jeffrey Ciocco  
Division of New Reactor Licensing

Project No.0782  
MKD/NW-16-0379L

**Subject: Submittal of Topical Report APR1400-K-Q-TR-11005-NP, Revision 5, "KHNP Quality Assurance Program Description (QAPD) for the APR1400 Design Certification."**

- References:** 1) NRC Letter (ML14148A395 – Letter): **ADVANCED POWER REACTOR 1400 FINAL TOPICAL REPORT SAFETY EVALUATION, TOPICAL REPORT APR1400-K-Q-TR-11005-NP, REVISION 4, "KHNP QUALITY ASSURANCE PROGRAM DESCRIPTION FOR THE APR1400 DESIGN CERTIFICATION,"** dated July 28, 2014.
- 2) KHNP Letter (MKD/NW-14-0027L): **Submittal of Published Topical Report APR1400-K-Q-TR-11005-NP-A, Revision 1, KHNP Quality Assurance Program Description (QAPD) for the APR1400 Design Certification,** dated August 18, 2014.

By the letter dated July 28, 2014 (Reference 1), the US NRC issued SER to KHNP on the Topical Report APR1400-K-Q-TR-11005-NP, REVISION 4, "KHNP QUALITY ASSURANCE PROGRAM DESCRIPTION FOR THE APR1400 DESIGN CERTIFICATION."

By the letter dated August 18, 2014 (Reference 2), KHNP published and submitted the Topical Report APR1400-K-Q-TR-11005-NP-A, Revision 1, to the NRC, as it was requested by the NRC.

The purpose of this letter is to submit the Revision 5, which is a further revised version from the APR1400-K-Q-TR-11005-NP, Revision 4, to the NRC for its review and approval.

Since Revision 4, KHNP has decided to reorganize company structure in which Central Research Institute is now under the control of Engineering and Technology Division to support the APR1400 Design Certification project more efficiently.

However, KHNP neither changes any QA program commitments documented and approved by the NRC in the SER dated July 28, 2014, nor reduces any QA program quality or safety aspects of the Design Certification.

KHNP will update the reference revision number in the DCD Chapter 17.5 in the future revision of the DCD.

This letter has 2 attached files: Enclosure 1, Revision 5 of the QAPD; Enclosure 2, summary of



**KHNP**  
KOREA HYDRO & NUCLEAR POWER CO., LTD

changes in Revision 5.

Should you have any questions, please let me know as soon as possible.

Sincerely,

---

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

Enclosures:

1. Topical Report entitled "KHNP Quality Assurance Program Description (QAPD) for the APR1400 Design Certification" (APR1400-K-Q-TR-11005-NP, Revision 5, April 12, 2016)
2. Summary of changes in Revision 5 of APR1400-K-Q-TR-11005-NP

Cc: Ms. Donna Williams  
Mr. Jeffrey Ciocco  
Ms. Kerri A. Kavanagh

## **Enclosure 1**

Topical Report entitled "KHNP Quality Assurance Program Description (QAPD) for the APR1400 Design Certification" (APR1400-K-Q-TR-11005-NP, Revision 5, April 12, 2016)

(Non-Proprietary)

May 2, 2016

## **Enclosure 2**

Summary of changes in Revision 5 of APR1400-K-Q-TR-11005-NP

(Non-Proprietary)

May 2, 2016