

September 3, 2015

MEMORANDUM TO: Samuel Lee, Chief  
Licensing Branch 2  
Division of New Reactor Licensing  
Office of New Reactors

FROM: Luis Betancourt, Project Manager */RA/*  
Licensing Branch 2  
Division of New Reactor Licensing  
Office of New Reactors

SUBJECT: UNITED STATES NUCLEAR REGULATORY COMMISSION REPORT  
FOR THE AUDIT TO REVIEW SELECTED DOCUMENTS RELATED  
TO THE KOREA HYDRO AND NUCLEAR POWER CO. LTD  
ADVANCED POWER REACTOR 1400 INTERNAL FLOODING  
PROTECTION

As part of its review of the design certification (DC) application for the Advanced Power Reactor 1400 (APR1400) submitted by Korea Electric Power Corporation (KEPCO) and Korea Hydro & Nuclear Power Co., Ltd. (KHNP), the U.S. Nuclear Regulatory Commission (NRC) staff performed an audit at the NRC Headquarters, Electronic Reading Room located in Rockville, Maryland, between May 27, 2015, and June 11, 2015. The purpose of the audit was to gain an understanding on the basis of APR1400 internal flood protection to reach a reasonable assurance finding, and to review related documentation and non-docketed information to evaluate conformance with Standard Review Plan Section 3.4.1, "Internal Flood Protection for Onsite Equipment Failures."

The audit plan can be found in the Agencywide Document Access and Management System (ADAMS) under accession number ML15135A365 dated May 18, 2015. The results of the audit are documented in Enclosure 1 and can be found in ADAMS under accession number ML15208A386. The list of attendees is documented in Enclosure 2 and can be found in ADAMS under accession number ML15208A387. The list of documents available to the NRC staff is documented in Enclosure 3 and can be found in ADAMS under accession number ML15208A388.

Docket No: 52-046

Enclosures:  
As stated

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**ADAMS Accession Nos.:**

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