

January 12, 2016

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

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

SUBJECT: UNITED STATES NUCLEAR REGULATORY COMMISSION AUDIT
REPORT TO REVIEW THE ADVANCED POWER REACTOR 1400
(APR1400) PIPE RUPTURE HAZARDS ANALYSES

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 of the pipe rupture hazards analyses in the electronic reading room at the NRC Headquarters, in Rockville, Maryland, held from August 31, 2015, through September 4, 2015. The purpose of the audit was to verify that the pipe rupture analyses are performed in accordance with the methodology and criteria described in the APR1400 design control document, in support of the KHNP design certification application.

The audit plan can be found in the Agencywide Document Access and Management System (ADAMS) under accession number ML15243A014 dated August 31, 2015. The results of the audit are documented in Enclosure 1 and can be found in ADAMS under accession number ML15352A153. The list of attendees is documented in Enclosure 2 and can be found in ADAMS under accession number ML15352A156. The list of documents available to the NRC staff is documented in Enclosure 3 and can be found in ADAMS under accession number ML15352A158.

Docket No: 52-046

Enclosures:
As stated

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