

May 12, 2016

MEMORANDUM TO: Donna Williams, Acting Chief
Licensing Branch 2
Division of New Reactor Licensing
Office of New Reactors

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

SUBJECT: AUDIT REPORT FOR THE SOURCE TERM CALCULATIONS OF
CHAPTER 12, "RADIATION PROTECTION," OF THE ADVANCED
POWER REACTOR 1400 DESIGN CONTROL DOCUMENT

The Nuclear Regulatory Commission (NRC) staff conducted an audit of the radiation source term calculations of the Korea Hydro & Nuclear Power (KHNP) Co., APR1400 design certification application at the NRC Headquarters, in Rockville, Maryland from August 10, 2015, through August 14, 2015. The audit was conducted by reviewing the applicant's calculations via the KHNP-provided Electronic Reading Room. The purpose of the audit was to examine the supporting documentation for the design calculations presented in the Advanced Power Reactor 1400 design control document.

The audit plan can be found in the Agencywide Document Access and Management System (ADAMS) under accession number ML15208A492 dated July 30, 2015. The results of the audit are documented in Enclosure 1 and can be found in ADAMS under accession number ML16119A117. The list of attendees is documented in Enclosure 2 and can be found in ADAMS under accession number ML16119A127. The list of documents made available to the NRC staff is documented in Enclosure 3 and can be found in ADAMS under accession number ML16119A134.

Docket No: 52-046

Enclosures:
As stated

cc w/encl: See next page

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