

May 8, 2017

MEMORANDUM TO: Michael McCoppin, Chief
Licensing Branch 2
Division of New Reactor Licensing
Office of New Reactors

FROM: Tomeka Terry, Project Manager **/RA/**
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Office of New Reactors

SUBJECT: AUDIT REPORT FOR COMPUTER PROGRAMS CODES SUPPORT
CHAPTER 3, "DESIGN OF STRUCTURES, SYSTEMS,
COMPONENTS, AND EQUIPMENT," OF THE ADVANCED POWER
REACTOR 1400 DESIGN CONTROL DOCUMENT

As part of its review of the design certification 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 conducted an audit on the electronic reading room at the NRC Headquarters, in Rockville, Maryland, held December 2, 2016 through January 6, 2017. The purpose of this audit was to allow the NRC technical staff to verify that design analyses follow the requirements of Title 10 of the Code of *Federal Regulations* (10 CFR), Section 50.55a, and are consistent with the descriptions in the design control document.

The audit plan can be found in the Agencywide Documents Access and Management System (ADAMS) under Accession Number ML16137A187 dated May 19, 2016. Enclosure 1 is the audit report with the list of attendees and list of audited documents.

Docket No.: 52-046

Enclosures:
As stated

cc w/encl: See next page

AUDIT REPORT FOR COMPUTER PROGRAMS CODES SUPPORT CHAPTER 3, "DESIGN OF STRUCTURES, SYSTEMS, COMPONENTS, AND EQUIPMENT," OF THE ADVANCED POWER REACTOR 1400 DESIGN CONTROL DOCUMENT DATE May 8, 2017

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ADAMS Accession No.:
Package – ML17101A449
Memo – ML17101A460
Audit – ML17109A032

NRO-002

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