

May 19, 2016

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

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

SUBJECT: REGULATORY AUDIT PLAN OF COMPUTER PROGRAM CODES
SUPPORTING CHAPTER 3, "DESIGN OF STRUCTURES, SYSTEMS,
COMPONENTS, AND EQUIPMENT," OF THE ADVANCED POWER
REACTOR 1400 DESIGN CONTROL DOCUMENT

On March 4, 2015, the U.S. Nuclear Regulatory Commission (NRC) accepted the design certification (DC) application for docketing of the Advanced Power Reactor 1400 (APR1400) submitted by Korea Electric Power Corporation and Korea Hydro & Nuclear Power Co., Ltd.

The NRC staff determined efficiency gains would be realized by auditing the documents supporting the design calculations presented in the APR 1400 design control document (DCD) in lieu of requests for additional information (RAIs) that the applicant docket the calculation files. The purpose of this audit is 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 DCD. The audit will be conducted from May 19, 2016, through June 3, 2016, at the NRC Headquarters Office in Rockville, Maryland. A copy of the audit plan is enclosed.

Docket No: 52-046

Enclosure:
Audit Plan

cc w/encl: See next page

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