

June 17, 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 STRUCTURAL AND SEISMIC
DESIGN 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 that efficiency gains would be realized by auditing the documents and design calculations presented in the APR1400 design control document (DCD) supporting responses to requests for additional information (RAIs) that have not been resolved. The purpose of this audit is to gain a better understanding of the design and analysis methods of those structures and to confirm the design approach used by KHNP. The audit will be conducted from June 20, 2016, to June 24, 2016 at the Westinghouse Electric Co. (WEC) facilities 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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