

August 18, 2015

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

FROM: Luis Betancourt, Project Manager /RA/
Licensing Branch 2
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: AUDIT PLAN TO REVIEW THE ADVANCED POWER REACTOR 1400
(APR1400) ASME CLASS 1, 2 AND 3 COMPONENTS, COMPONENT
SUPPORTS, AND CORE SUPPORT STRUCTURES

On March 5, 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 (KEPCO) and Korea Hydro & Nuclear Power Co., Ltd. (KHNP). The NRC staff initiated Phase 1 of the application DC review on March 9, 2015.

The NRC staff has identified a need to conduct a regulatory audit of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel (BPV) Code, Section III, Class 1, 2, and 3 components, component supports, and core supports referenced in the APR1400 design control document. The NRC staff will also review the documentation of equipment qualification, classification, quality groups, and design process for plant components of safety significance. The audit will take place at the NRC Headquarters, Electronic Reading Room located in Rockville, Maryland, from August 24 – 27, 2015. 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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