

July 13, 2015

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

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

SUBJECT: AUDIT PLAN FOR ITEMS RELATED TO REACTOR CONTROLS,
REACTOR COOLANT SYSTEM AND CONNECTING SYSTEMS, AND
AUXILIARY SYSTEMS

On March 5, 2015, the U.S. Nuclear Regulatory Commission (NRC) accepted the design certification 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 design certification review on March 9, 2015.

The NRC staff has identified a need to conduct a regulatory audit of the documents and supporting calculations related to the reactor, reactor coolant system and connecting systems, and auxiliary systems described in APR1400 DCD Tier 2, Chapters 4, 5 and 9, specifically Subsections 4.3, 4.6, 5.4.1, 5.4.12 and 9.1.1. The audit will take place in two parts via either review of documentation placed in the APR1400 electronic reading room, or via face-to-face meetings at KHNP's Washington, DC Center in Vienna, Virginia, over several days, between July 14, 2015, through September 30, 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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