

July 7, 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: FOLLOW-UP AUDIT OF THE ADVANCED POWER REACTOR 1400  
DESIGN SPECIFICATIONS AS PART 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.

During August 24, 2015, through August 27, 2015, staff members from the Mechanical Engineering Branch (MEB) of the Division of Engineering in the NRC Office of New Reactors (NRO) conducted a regulatory audit of the APR1400 design and procurement specifications for ASME Code components; including valves, pumps, component supports, dynamic restraints, equipment seismic qualifications, and component classifications. As a result of this audit, the NRC staff had audit observations that are listed in the Summary Audit Report of APR1400 Design Specifications (ML15350A057). This follow-up audit is conducted to resolve the August 2015, audit observations.

This audit will be conducted from July 18, 2016, to August 30, 2016, through the electronic reading room. 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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