

April 27, 2016

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

FROM: George F. Wunder, Senior 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  
CHAPTER 10 FLOW ACCELERATED CORROSION PROGRAM

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 (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 flow accelerated corrosion (FAC) program in the APR1400 design control document. The NRC staff will also review supporting documentation related to the applicant's responses to Request for Additional Information 8178 Agencywide Documents Access and Management System under Accession No. ML16104A209 as detailed in the enclosed audit plan. The audit will take place at the NRC Headquarters, Electronic Reading Room located in Rockville, Maryland, and at the Westinghouse Electric Co. facility in Rockville, Maryland, on May 10 - 11, 2016.

Docket No: 52-046

Enclosure:  
Audit Plan

cc w/encl: See next page

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**ADAMS Accession No.: ML16104A204**

**NRO-002**

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