

July 30, 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) SOURCE TERM CALCULATIONS

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 and Korea Hydro & Nuclear Power Co., Ltd. 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 source term calculations referenced in the APR1400 design control document (DCD). The NRC staff will review and confirm that the source term calculations are consistent with the descriptions of Chapter 12, "Radiation Protection," of the APR1400 DCD. The audit will take place, using the KHNP-provided electronic reading room, at the NRC Headquarters, in Rockville, Maryland, from August 10, 2015, through August 14, 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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