

May 12, 2017

MEMORANDUM TO: Andrea Veil, Executive Director
Advisory Committee on Reactor Safeguards

FROM: Frank Akstulewicz, Director **/RA/ (Samuel Lee for)**
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: ADVANCED POWER REACTOR 1400 DESIGN CERTIFICATION
APPLICATION - SAFETY EVALUATION WITH OPEN ITEMS FOR
CHAPTER 3, "DESIGN OF STRUCTURES, SYSTEMS,
COMPONENTS, AND EQUIPMENT"

By letter dated December 23, 2014, Korea Electric Power Corporation (KEPCO) and Korea Hydro & Nuclear Power Co (KHNP), Ltd. submitted an application for a design certification of the Advanced Power Reactor 1400 (APR1400) Standard Design.

Based on our review of the application, the staff is providing the Advisory Committee on Reactor Safeguards (ACRS) its Safety Evaluation (SE) with Open Items for Chapter 3, "Design of Structures, Systems, Components, and Equipment" (Agencywide Documents Access and Management System (ADAMS) Accession No. ML17128A513). The staff's review was based on Revision 0 and 1 of the application. The SE is being provided to support a meeting of the subcommittee of the ACRS scheduled for June 5, 2017. The ACRS full committee meeting will be held after the subcommittee meeting.

The staff concludes that the SE does not contain any information exempt from public disclosure. However, the NRC will withhold the SE from public disclosure for ten business days to allow KHNP the opportunity to verify the staff's conclusion that the SE contains no such exempt information. Therefore, the staff requests that the ACRS withhold the SE from public disclosure until the information has been released publicly in the ADAMS.

The staff will inform the ACRS immediately if KHNP requests that any of the information in the SE be withheld from public disclosure.

Docket No.: 52-046

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ADAMS Accession Nos.:

PKG: ML17131A012

MEMO: ML17125A011

SER: ML17128A513

***via email**

NRO-002

OFFICE	DNRL/LB2: PM	DNRL/ LB2: LA*	DNRL/ LB2: PM	DNRL/LB2 BC	DNRL: D
NAME	TTerry	CSmith (SGreen for)	WWard	MMcCoppin	FAkstulewicz (Slee for)
DATE	5/04/2017	5/05/2017	5/12/2017	5/12/2017	5/12/2017

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