



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

January 26, 2018

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

FROM: Anna H. Bradford, Deputy Director
/RA Frank Akstulewicz Acting for/
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: ADVANCED POWER REACTOR 1400 DESIGN CERTIFICATION
APPLICATION - SAFETY EVALUATION WITH NO OPEN ITEMS FOR
CHAPTER 19.3, "BEYOND DESIGN BASIS EXTERNAL EVENT"

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 no Open Items for Chapter 19.3, "Beyond Design Basis External Event" (Agencywide Documents Access and Management System (ADAMS) Accession No. ML17271A180). Unless otherwise stated in the SE, the staff's review was based on Revision 1 of the application. The SE is being provided to support a meeting of the subcommittee of the ACRS scheduled for February 21, 2018. 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 U.S. Nuclear Regulatory Commission 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

CONTACTS: James A. Steckel, NRO/DNRL
(301) 415-1026

William R. Ward, NRO/DNRL
(301) 415-7038

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DATED: 1/26/2018

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ADAMS Accession Nos.:**PKG: ML17271A087****MEMO: ML17271A098****SER: ML17271A180*****via email****NRO-002**

OFFICE	DNRL/LB2: PM	DNRL/ LB2: LA*	DNRL/ LB2: PM	DNRL/LB2 BC	DNRL: D
NAME	JSteckel	BAbeywickrama	WWard	MMcCoppin	ABradford(FMA for)
DATE	12/12/2017	11/ 21 /2017	1/25/2018	12/18/2017	1/26/2018

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