



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

December 26, 2017

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

FROM: Frank M. Akstulewicz, Director */RA Tanya Smith 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 TOPICAL REPORT APR1400-F-M-TR-13001, REVISION 1,
"PLUS7 FUEL DESIGN FOR THE APR1400"

By letter dated December 23, 2014, Korea Electric Power Corporation and Korea Hydro & Nuclear Power Co. (KHNP), Ltd. submitted an application for a design certification of the Advanced Power Reactor 1400 (APR1400) Standard Design. On March 10, 2017, KHNP submitted a subsequent letter transmitting Revision 1 to the APR1400 design certification application.

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 Topical Report APR1400- F-M-TR-13001, Revision 1, "PLUS7 Fuel Design for the APR1400," (Agencywide Documents Access and Management System (ADAMS) Accession No. ML17348A156). The SE is being provided to support a meeting of the Subcommittee of the ACRS scheduled for January 24 - 25, 2018. The ACRS Full Committee meeting will be held after the Subcommittee meeting.

A review of the SE for any information exempt from public disclosure has not yet been performed. The U.S. Nuclear Regulatory Commission will withhold the SE from public disclosure for ten business days to allow KHNP the opportunity to perform a proprietary and factual content review. Therefore, the staff requests that the ACRS withhold the SE from public disclosure until the information has been released publicly in the Agencywide Documents Access and Management System.

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: George F. Wunder, NRO/DNRL
301-415-1494

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

SUBJECT: ADVANCED POWER REACTOR 1400 DESIGN CERTIFICATION APPLICATION -
 SAFETY EVALUATION WITH NO OPEN ITEMS FOR TOPICAL REPORT
 APR1400-F-M-TR-13001, REVISION 1, "PLUS7 FUEL DESIGN FOR THE
 APR1400"
 DATED: 12/26/2017

DISTRIBUTION:

PUBLIC
 LB2 R/F
 D101
 GWunder, NRO

WWard, NRO
 RidsOgcMailCenter
 RidsNroDnrLB2

RidsNroLACSmith
 RidsNroDnrI
 RidsNroOd

ADAMS Accession Nos.:
 Pkg: ML17348A152
 Ltr: ML17348A163
 Memo: ML17348A194
 SER: ML17348A156

*via email

NRO-002

OFFICE	NRO/DNRL/LB2: PM	NRO/DNRL/ LB2: LA*	NRO/DNRL/ LB2: PM	NRO/DNRL/LB2: BC	NRO/DNRL: D
NAME	GWunder/CSantos For	CSmith	WWard	MMcCoppin	FAkstulewicz/ TSmith for
DATE	12/20/2017	12/19/2017	12/22/2017	12/22/2017	12/26/2017

OFFICIAL RECORD COPY