



UNITED STATES
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September 28, 2018

Mr. Yun-Ho Kim, Project Manager
APR1400 Design Certification
Advanced Reactors Development Laboratory
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SUBJECT: FINAL SAFETY EVALUATION REPORT FOR THE ADVANCED POWER
REACTOR 1400 DESIGN

Dear Mr. Kim:

The U.S. Nuclear Regulatory Commission (NRC) staff has completed the final safety evaluation report (FSER) for the Advanced Power Reactor 1400 (APR1400) design application submitted by Korea Electric Power Corporation/Korea Hydro & Nuclear Power Co., Ltd. (KEPCO/KHNP), on December 23, 2014.

The staff is providing the enclosed FSER to KEPCO/KHNP for your information and will submit the FSER to the Commission in preparation for rulemaking. The staff will place the FSER in the NRC's public document room and will make it publicly available in the NRC's Agencywide Documents Access and Management System (ML18087A364) and on the NRC's public Web site after completion of your proprietary review. The NRC staff's issuance of this FSER does not constitute a commitment to issue the design certification or in any way affect the authority of the Commission in any rulemaking proceeding pursuant to Subpart H of Title 10 of the *Code of Federal Regulations* (10 CFR) Part 2 and Subpart B to 10 CFR Part 52.

If you have questions about this report, please contact William Ward at (301) 415-7038, or via e-mail at William.Ward@nrc.gov.

Sincerely,

/RA/

Robert M. Taylor, Director
Division of Licensing, Siting,
and Environmental Analysis
Office of New Reactors

Docket No. 52-046

Enclosure:
Final Safety Evaluation Report: KEPCO/KHNP's
APR1400 Design

cc w/o encls: See next page

SUBJECT: FINAL SAFETY EVALUATION REPORT FOR THE ADVANCED POWER REACTOR 1400 DESIGN DATED: September 28, 2018

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09/19/2018

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