

August 30, 2016

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

FROM: Frank Akstulewicz, Director */RA SLee 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 5, "REACTOR COOLANT SYSTEM AND RELATED
SYSTEMS"

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 5, "Reactor Coolant System and Related Systems" (ML16238A039). Unless otherwise stated in the SE, the staff's review was based on Revision 0 of the application. The SE is being provided to support a meeting of the subcommittee of the ACRS scheduled for September 21, 2016. 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 Agencywide Documents Access and Management System.

In accordance with the memorandum to the ACRS dated March 17, 2010 (ML100700612), the staff has reviewed the submitted information against the categories for which the ACRS requested be used to highlight information for review by the committee. The staff's assessment of this chapter is that there are no items that meet the categories for discussion with the Committee.

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A. Valentin

- 2 -

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

A. Valentin

- 2 -

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ADAMS Accession Nos.:

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***via email**

NRO-002

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DATE	08/25/2016	08/25/2016	08/29/2016	08/30/2016	08/30/2016

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