

June 2, 2015

Dr. Ha-Hwang Jung
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Executive Vice President and Chief Nuclear Officer
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Jeollanam-do, Korea 520-350

SUBJECT: REVIEW SCHEDULE FOR THE KOREA HYDRO AND NUCLEAR POWER CO., LTD., AND KOREA ELECTRIC POWER CORPORATION APPLICATION FOR STANDARD DESIGN CERTIFICATION OF THE ADVANCED POWER REACTOR 1400

Dear Dr. Jung and Dr. Lee:

By letter to the U.S. Nuclear Regulatory Commission (NRC) dated December 23, 2014, Korea Hydro and Nuclear Power Co., Ltd. (KHNP), and Korea Electric Power Corporation submitted an application for a standard design certification of the Advanced Power Reactor 1400 (APR1400), pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) Part 52, "Licenses, Certifications, and Approvals for Nuclear Power Plants" (Agencywide Documents Access and Management System (ADAMS) Accession No. ML15006A098). By letter dated March 4, 2015, the NRC docketed the design certification application (ADAMS Accession No. ML15041A348).

This letter transmits the APR1400 design certification review schedule. The safety review supports the issuance of a final safety evaluation report in September 2018. Milestones for the six phases of this review are provided below.

The NRC's goal is to conduct a high quality safety review that is transparent and timely. The schedule documented below and KHNP's prompt submission of high quality additional information should support this goal. The staff will review and re-baseline the APR1400 review schedule, if necessary, at the end of Phase 2. At that time, the staff will have a better idea of target milestones beyond Phase 2 that will be achievable given the number and complexity of the open items.

The schedule assumes technically correct and complete responses to the NRC's requests for additional information within 30 days of receipt. Any new and significant changes or additions to the design certification supporting documentation could impact scheduled completion dates.

Task	Task Name	End date
Phase 1	Preliminary Safety Evaluation Report (SER) and Request for Additional Information	February 2016
Phase 2	SER with Open Items	November 2016
Phase 3	ACRS Review of SER with Open Items	June 2017
Phase 4	Advanced SER with No Open Items	December 2017
Phase 5	ACRS Review of Advanced SER with No Open Items	June 2018
Phase 6	Final SER with No Open Items	September 2018

If you have any questions, please contact me at (301) 415-6391 or via e-mail at Jeff.Ciocco@nrc.gov.

Sincerely,

/RA Samuel Lee for/

Jeffrey A. Ciocco, Senior Project Manager
Licensing Branch 2
Division of New Reactor Licensing
Office of New Reactors

Docket No. 52-046

cc: See next page

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ADAMS Accession No.: ML15091A241

***via e-mail**

NRO-002

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