

June 7, 2016

MEMORANDUM TO: Donna Williams, Acting Chief
Licensing Branch 2
Division of New Reactor Licensing
Office of New Reactors

FROM: John Vera, Project Manager **/RAI/**
Licensing Branch 2
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: SUMMARY OF THE APRIL 20, 2016, PUBLIC TELECONFERENCE
MEETING WITH KOREA HYDRO AND NUCLEAR POWER CO. LTD. TO
DISCUSS TOPICS RELATED TO THE ADVANCED POWER REACTOR
1400 DESIGN CERTIFICATION DOCUMENT

On April 20, 2016, a Category 1 public teleconference was held between the U.S. Nuclear Regulatory Commission (NRC) staff and Korea Hydro and Nuclear Power Co. Ltd. (KHNP). The meeting notice was issued and documented in the NRC Agencywide Documents Access and Management System (ADAMS) under Accession Number ML16028A052.

The purpose of the meeting was to discuss the schedule for and content of the responses to the staff's Requests for Additional Information (RAIs) for items in Chapter 3 of the Advanced Power Reactor (APR) 1400 design certification document. A list of attendees is included as an enclosure. The following handouts were provided during the meeting: Bi-weekly Seismic Call Agenda for April 20, 2016 (ML16134A252); An English translation of the anchoring system specifications previously requested by staff in a previous teleconference (ML16134A266); the applicant's draft responses to RAI 8160, Question 03.07.01-4; RAI 8299, Question 03.07.02-7; RAI 8223, Question 03.08.01-9; RAI 8223, Question 03.08.01-11; and RAI 8285, Question 03.08.05-16 (ML16134A268, ML16134A292, ML16134A303, ML16134A360, and ML16134A454), respectively; and the staff's feedback on the applicant's draft responses to RAI 8160, Question 03.07.01-1 and Question 03.07.01-2 (ML16134A459).

The staff and the applicant acknowledged that several items on the agenda should be deferred until the next teleconference because there had not been enough time to review and provide adequate feedback. The staff discussed the approach for the response to RAI 8223, Question 03.08.01-13, stating that it is permissible to include the name of a vendor as part of the design control document (DCD) for the anchoring system. KHNP stated that it would provide a draft response incorporating such details and other specifications for the anchoring system. The NRC staff and KHNP discussed RAI 252-8299, Questions 03.07.02-7 and 03.07.02-10. Regarding Question 03.07.02-7, the NRC staff stated that more information was needed regarding the consideration of slabs and live loads, in particular as to the modeling details. KHNP took the action to provide updated information. Regarding Question 03.07.02-10, the

NRC staff considered the approach presented by KHNP as reasonable to address the question. KHNP stated that it would provide an updated response by May 31, 2016. KHNP also stated that a revised response to RAI 8197, Question 03.07.02-4, to address the additional items that the NRC had identified in a previous teleconference, would be provided by April 29, 2016. Time history seed records (ML16134A466) were next discussed, with KHNP stating that the records had been provided to the NRC and they stated that they would be reviewed and possibly discussed during the next teleconference.

KHNP next discussed the schedule and timeframes for RAI Questions 03.07.01-3, 03.08.05-8, 03.08.05-11, 03.08.05-12, and 03.08.05-16. KHNP indicated revised response dates in the May 2016, and June 2016, timeframes and that the schedule slip was due to resourcing issues. The NRC staff stated that there is particular concern with the subject of RAI 8160, Question 03.07.01-3, because the work is upstream of many other evaluations and analyses. KHNP stated that an assessment of the level of confidence in a positive outcome would be determined and communicated that to the NRC. Lastly, the NRC project manager stated that the draft response to Question 03.07.03-1 had not been received although it was listed in the agenda as submitted on April 18, 2016.

The remaining items on the applicant's agenda were deferred to a future public teleconference. With no further topics, the teleconference was concluded. Following the teleconference, the applicant provided its detailed meeting minutes in an electronic mail (ML16134A512).

Docket No.: 52-046

Enclosure:
List of Attendees

cc w/enclo: See next page

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NRC-001

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