

October 12, 2016

MEMORANDUM TO: Jeffrey Ciocco, Acting Chief
Licensing Branch 2
Division of New Reactor Licensing
Office of New Reactors

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

SUBJECT: SUMMARY OF THE AUGUST 24, 2016, PUBLIC TELECONFERENCE
MEETING WITH KOREA HYDRO AND NUCLEAR POWER CO. LTD. TO
DISCUSS TOPICS RELATED TO ADVANCED POWER REACTOR 1400
DESIGN

On August 24, 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 ML16222A531.

The purpose of the teleconference was to discuss the schedule for and the content of responses to the staff's Requests for Additional Information (RAIs) for items in Chapter 3 of the Advanced Power Reactor 1400 (APR1400) design certification document. A list of attendees is included as an enclosure. For this ongoing discussion, the applicant provided the following:

- A call agenda.
- Response to Staff feedback on KHNP Responses to RAI 182-8160 Question 03.07.01-3, with Attachment.
- Response to Staff feedback on KHNP Draft Revised Response to RAI 253-8300 Question 03.07.01-8.
- Revised Response to RAI 253-8300 Question 03.07.01-8 Rev.2, with Attachments 1 and 2.
- Response to 08/04/2016 Staff feedback on RAI 208-8245 Question 03.08.03-1 (Rev. 1).
- Response of APR1400 Feedback on RAI 255-8285 Questions 03.08.05-16.
- Response of APR1400 Feedback on RAI 255-8285 Questions 03.08.05-17.
- Comparison of SSI Analysis Results due to Different Approaches of Modeling the Near-field Backfill Area (Proprietary), and an affidavit requesting withholding of proprietary information for the document.
- Closure plan for RAI 227-8274 Question 03.08.04-7 (Dynamic Earth Pressure).
- Closure plan for RAI 226-8235 Question 03.07.02-6 (SSSI analysis).
- Closure plan for RAI 181-8197 Question 03.07.02-1 (HRHF incoherency).

The NRC staff provided the following documents:

- Staff Feedback on Draft Revised Response to RAI 182-8160 Question 03.07.01-2.
- Staff Feedback on Draft Revised Response to RAI 182-8160 Question 03.07.01-3.
- Staff Feedback on Draft Revised Response to RAI 253-8300 Question 03.07.01-5.
- Staff Feedback on Draft Revised Response to RAI 253-8300 Question 03.07.01-8.
- Staff Feedback on RAI 208-8245 Question 03.08.03-5.
- Staff Feedback on the applicant response to 3.7 3.8 audit miscellaneous item 2.

The publicly available handouts provided by KHNP and the NRC staff, for this teleconference, are available in ADAMS under Accession Number ML16270A269.

The technical discussion is summarized in the applicant's issue tracking list, which is attached to the applicant's agenda. After the technical discussion, the NRC and KHNP discussed the status of the RAIs regarding Sections 3.7 and 3.8 of Chapter 3 of the design control document, and the schedule for submittals of responses to these RAIs.

The remaining items on the applicant's agenda were deferred to a future public teleconference. With no further topics, the teleconference was concluded.

Docket No.: 52-046

Enclosure:
List of Attendees

cc w/enclosure: See next page

The NRC staff provided the following documents:

- Staff Feedback on Draft Revised Response to RAI 182-8160 Question 03.07.01-2.
- Staff Feedback on Draft Revised Response to RAI 182-8160 Question 03.07.01-3.
- Staff Feedback on Draft Revised Response to RAI 253-8300 Question 03.07.01-5.
- Staff Feedback on Draft Revised Response to RAI 253-8300 Question 03.07.01-8.
- Staff Feedback on RAI 208-8245 Question 03.08.03-5.
- Staff Feedback on the applicant response to 3.7 3.8 audit miscellaneous item 2.

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