

January 26, 2015

MEMORANDUM TO: Samuel Lee, Chief
Licensing Branch 2
Division of New Reactor Licensing
Office of New Reactors

FROM: Luis Betancourt, Project Manager */RA/*
Licensing Branch 2
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: SUMMARY OF THE JANUARY 20, 2015, PUBLIC
TELECONFERENCE MEETING TO DISCUSS OPEN ITEMS AND
OUTSTANDING ISSUES RELATING TO THE NUCLEAR
INNOVATION NORTH AMERICA, LLC., SOUTH TEXAS PROJECT,
UNITS 3 AND 4, COMBINED LICENSE APPLICATION

On January 20, 2015, a Category 2 public teleconference was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of Nuclear Innovation North America, LLC. (NINA). The meeting notice was issued on January 8, 2015, and was documented in the Agencywide Documents Access and Management System under accession number ML15008A207. The purpose of this meeting was for the NRC staff and NINA to discuss, ask questions, or note concerns regarding relevant licensing and technical issues of the South Texas Project (STP), Units 3 and 4, combined license application. A list of attendees is provided as an enclosure.

The following topics were discussed, followed by its outcome:

Chapter 12 Safety Evaluation Report (SER)

During the Phase 6 SER of Chapter 12, the NRC staff concluded that the contents of the Final Safety Analysis Report (FSAR), Chapter 9 and Appendix 12B were not consistent. The spent fuel pool (SFP) geometry and dose rate calculation in Appendix 12B does not reflect the new spent fuel storage racks (SFR) design. Therefore, the staff requested NINA to update the SFP radiation sources and dose rate assessments in Appendix 12B with the new SFR design.

NINA stated that Westinghouse is reviewing the calculations in light of the description in Chapter 9 to assure that the methodology and calculations are appropriate. Based on the results of this study, NINA will revise Chapter 12 to provide more details of the methodology and assumptions based on Chapter 9, and remove the SFP geometry in Appendix 12B.

FSAR Update

The NRC staff found some inconsistencies and missing information during the Phase 6 SER review. These comments are editorial and typographic in nature and NINA agreed to

incorporate these comments in FSAR, Revision 12. NINA expects to issue FSAR, Revision 12 by late April 2015.

1. Update FSAR Table 1.6-2, "Additional Topical Reports Incorporated by Reference," to include Revision 1 of the Holtec International Technical Report, "Licensing Report for South Texas Project Units 3 & 4 ABWR Spent Fuel Racks," (ML13218A292).
2. Update FSAR Table 1.8-20, "NRC Regulatory Guides Applicable to ABWR," to include Regulatory Guide 1.189, "Fire Protection for Nuclear Power Plants" Revision 1 and Revision 2 (for single and multiple spurious actuations only).
3. Correct title of site-specific Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Table 3.0-29, "Detection of Open Phase Events on the Main Power and Reserve Auxiliary Transformers," to be consistent with Section 3.0 of Part 9.
4. Include a statement in FSAR, Chapter 1, to describe NINA and Toshiba as the designer and constructor for STP, Units 3 and 4.
5. Include the proposed language in FSAR, Subsection 2.2.1, of the response to request of additional information dated December 6, 2012 (ML12346A445).
6. Update FSAR Subsection 6.2-40. Item "D" should be strikeout, not underlined.

Advisory Committee on Reactor Safeguards (ACRS) Full Committee Meeting

The NRC staff and NINA will make a presentation at the final ACRS Full Committee meeting for STP, Units 3 and 4, on February 5, 2015. The topics for the presentation are:

1. Design basis flood and main cooling reservoir breach.
2. Fukushima Near-Task Force Recommendations 2.1, 4.2, 7.1, and 9.3.
3. NRC Bulletin 2012-01.
4. ACRS Action 64.

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Please direct any inquiries to me at 301-415-6146, or via e-mail to Luis.Betancourt@nrc.gov.

Docket Nos.: 52-012, 52-013

Enclosure:
List of Attendees

cc w/encl: See next page

Please direct any inquiries to me at 301-415-6146, or via e-mail to Luis.Betancourt@nrc.gov.

Docket Nos.: 52-012, 52-013

Enclosure:
List of Attendees

cc w/encl: See next page

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*** via e-mail**

NRO-002

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LIST OF ATTENDEES

Public Teleconference Meeting with Nuclear Innovation North America (NINA), LLC., to Discuss Open Items and Outstanding Request for Additional Information Responses Relating to the South Texas Project Combined License Application Held on January 20, 2015

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D. Andrukat	NRC
I. Jung	NRC
J. Ashcraft	NRC
D. Taneja	NRC
S. Head *	NINA
S. Thomas *	NINA
B. Mookhoek *	NINA
R. Scheide *	NINA
R. Bense *	NINA
J. Tomkins *	NINA
E. Heacock *	DP Engineering, LLC
J. Fisicaro *	Toshiba America Nuclear Energy (TANE)
D. Wuokko *	TANE
R. Thomas *	Sciencetech
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*Participated via teleconference

Enclosure

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(Revised 09/29/2014)

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