

August 8, 2014

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

FROM: Tom Tai, Senior Project Manager /RA/
Licensing Branch 2
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: SUMMARY OF THE JUNE 17, 2014, PUBLIC TELECONFERENCE
MEETING TO DISCUSS OPEN ITEMS AND OUTSTANDING
REQUEST FOR ADDITIONAL INFORMATION RESPONSES
RELATING TO THE NUCLEAR INNOVATION NORTH AMERICA,
LLC., SOUTH TEXAS PROJECT, UNITS 3 AND 4, COMBINED
LICENSE APPLICATION

On June 17, 2014, a Category 1 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 June 3, 2014, and was documented in the Agencywide Documents Access and Management System under accession number ML14154A517. The purpose of the meeting was to discuss the status of the remaining open items and outstanding request for additional information (RAI) responses related to the NINA Combined License Application. A list of attendees is provided as an enclosure.

The following topics were discussed, followed by its outcome:

Spent fuel rack analyses (SFR):

SFR Issues were discussed during the call as follows:

Mechanical properties of Metamic:

Justification of the assumption in the Holtec Report, Chapter 7, for limiting elongation to 1 percent and basis for testing results for 1.8 percent elongation. The Metamic properties reviewed in the Electric Power Research Institute report against the latest edition of the Holtec sourcebook on Metamic. The NRC and Holtec (NINA) are both collecting additional information on this topic and will discuss next week.

It was discussed whether the Holtec Report HI-2135462 “referenced” or “incorporated by reference” into the final safety analysis report (FSAR), NINA agreed that HI-2135462 will be “incorporated by reference”. RAI 09.01.02-39, is being revised to change FSAR Section 1.6 and Table 1.6-2 to document this.

STP Departure T1 2.5-1 eliminates the use of the new fuel vault for new fuel storage. However, FSAR 3.1.2.6.3.2 continues to refer to the "new" fuel racks, but NINA agreed to revise the FSAR section to eliminate any ambiguity.

General Electric-Hitachi Nuclear Energy (GEH) Interim Part 21:

NINA informed the staff that GEH is on schedule to submit the results of the interim Part 21 evaluation on hydrodynamic load. The early assessment is the increased load is small. There is sufficient structural design margin that the American Society of Mechanical Engineers load allowable is not exceeded. The Toshiba evaluation for the South Texas Project, Units 3 and 4, are similar to GEH's finding. NINA will submit its own conclusion on the subject approximately two weeks after GEH.

Financial Qualification Exemption Request:

NINA is prepared to submit the exemption request within the next two weeks.

Please direct any inquiries to me at 301-415-8484, or via e-mail to Tom.Tai@nrc.gov.

Docket Nos.: 52-012, 52-013

Enclosure:
List of Attendees

cc w/encl: See next page

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via email*

NRO-002

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LIST OF ATTENDEES

Public Teleconference Meeting with Nuclear Innovation North America, LLC., to Discuss Open Items and Outstanding Request for Additional Information Responses Relating to the South Texas Project Combined License Application Held on June 17, 2014

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T. Roy	NRC
S. Chakrabarti	NRC
T.Tai	NRC
H. Li	NRC
S. Lee	NRC
J. McKirgan	NRC
D. Terao	NRC
E. Sastre	NRC
A.Yeshnik	NRC
D. Saeng	NRC
S.Thomas	NINA
S. Head	NINA
R. Bense	NINA
R. Scheide	NINA
J. Fisacaro	TANE
R. Trotta	Holtec
E. Kalfazade	Holtec
L. Zsidai	Holtec
D. Mitra-Majumdar	Holtec
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S. Franz	Morgan Lewis

Enclosure

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