



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
WASHINGTON, D.C. 20555-0001

January 14, 2014

**LICENSEE:** STP Nuclear Operating Company

**FACILITY:** South Texas Project, Units 1 and 2

**SUBJECT:** SUMMARY OF DECEMBER 16, 2013, PUBLIC MEETING WITH STP NUCLEAR OPERATING COMPANY TO DISCUSS THE LICENSE AMENDMENT TO USE A RISK-INFORMED APPROACH TO THE RESOLUTION OF GSI-191, "ASSESSMENT OF DEBRIS ACCUMULATION ON PWR SUMP PERFORMANCE" (TAC NOS. MF2400 AND MF2401)

On December 16, 2013, a public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of STP Nuclear Operating Company (STPNOC, the licensee), at NRC Headquarters, Rockville, Maryland. The meeting notice and agenda, dated December 5, 2013, are located in the Agencywide Documents Access and Management System (ADAMS) at Accession No. ML13330B222. The licensee's and NRC staff handouts from the meeting are available in ADAMS at Accession Nos. ML13352A142 and ML13352A124, respectively. A list of meeting attendees is provided in the Enclosure to this meeting summary.

The purpose of the meeting was for STPNOC to discuss major changes to its license amendment request (LAR) to use a risk-informed approach to the resolution of Generic Safety Issue (GSI)-191, "Assessment of Debris Accumulation on PWR [Pressurized Water Reactor] Sump Performance," at South Texas Project, Unit 1 and 2 (STP). The LAR was submitted on June 19, 2013 (ADAMS Accession No. ML131750250). STPNOC provided a supplement to the LAR by letter dated November 13, 2013 (ADAMS Accession No. ML13323A128). During the meeting, STPNOC described to the NRC staff the major changes between the June 19 and November 13, 2013, submittals.

**Meeting Summary**

The licensee provided the staff with a high-level overview of the information in the November 13, 2013, submittal, and how the changes from the original submittal dated June 19, 2013, affected the LAR. Specifically, the STPNOC representatives discussed the following revisions found in the November 13, 2013, submittal:

1. Corrected discrepancies between the technical description presented in Volume 3 of the submittal and the quantitative implementation in the CASA Grande calculation.
2. Several numerical changes, including CASA Grande input file changes and code level changes.
3. Editorial changes across all three volumes of the submittal for consistency, as well as removal of sections that the licensee found to be supplementary to or unused in STP's analysis.

Following discussion of the revisions between STPNOC and the NRC staff, the staff presented a high-level schedule for the completion of its review. The staff's target date for completing the review is November of 2015.

### **Action Items**

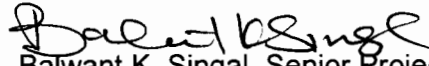
The following action items resulted from the meeting:

1. STPNOC took an action to make the corrective action report associated with the issues that were corrected by the November 13, 2013, submittal available for the staff to audit. STPNOC indicated that it would likely make the report available to the staff at Westinghouse's offices in Rockville, Maryland, and would inform the staff when the document was available for staff review.
2. STPNOC took an action to provide a cross-walk document highlighting all changes reflected in the November 13, 2013, submittal as compared to the June 19, 2013, submittal. The cross-wall document will be made available for staff review in Westinghouse's offices in Rockville, Maryland.
3. The NRC staff took an action to identify the specific submittal references the staff requested to audit for the purposes of technical review. The list of specific references is required so that STPNOC can make arrangements to allow the staff to review the documents.
4. The NRC staff and STPNOC took an action to make arrangements for publicly noticed meetings via teleconference the weeks of January 6, and January 20, 2014, to discuss issues associated with the review. The purpose of the publicly noticed calls would be to help the staff facilitate the development of the requests for additional information (RAIs), if needed.
5. Both the NRC staff and STPNOC took an action to engage the Advisory Committee on Reactor Safeguards (ACRS) to begin preparations for a May 2014 ACRS subcommittee briefing on GSI-191 resolution. Arrangements include scheduling the briefing, drafting an agenda, and ensuring key personnel are available.
6. STPNOC took an action to provide the staff with the updated slides used for the December 16, 2013, meeting. There were minor changes made to slides 17 and 25 that were discussed during the meeting. Additionally, STPNOC made a clarifying change to slide 20 that was discussed during the meeting. Subsequent to the meeting, STPNOC provided the revised slides to the staff, which are reflected in the slide package that is available in ADAMS.

- 3 -

Please direct any inquiries to me at 301-415-3016, or [balwant.singal@nrc.gov](mailto:balwant.singal@nrc.gov).

Sincerely,

  
Balwant K. Singal, Senior Project Manager  
Plant Licensing Branch IV-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-498 and 50-499

Enclosure:  
List of Attendees

cc w/encl: Distribution via Listserv

LIST OF ATTENDEES

DECEMBER 16, 2013, MEETING WITH STP NUCLEAR OPERATING COMPANY

REGARDING RISK-INFORMED APPROACH TO RESOLUTION OF GSI-191

SOUTH TEXAS PROJECT, UNITS 1 AND 2

DOCKET NOS. 50-498 AND 50-499

NAME	TITLE	ORGANIZATION
Mike Murray	Licensing Manager	STP Nuclear Operating Company (STPNOC)
Wayne Harrison	Licensing Manager	STPNOC
Steve Blossom	Project Manager	STPNOC
Ernie Kee	-	STPNOC
Bruce Letellier**	-	Alion
Dominic Munoz**	-	Alion
Craig Sellers	Senior Project Manager	ENERCON/Calvert Cliffs
John H. Swailes	-	WMI/Calvert Cliffs
Ronald W Holloway	Project Manager	WCNOC
Gilbert Zigler*	Senior Engineer	ENERCON
Maurice Dingler*	-	WCNOC
Kip Walker*	-	ENERCON
Jeanette Leavitt*	-	Alion
Roger Anreassen*	-	Ameren
Salim Parvez*	-	AREVA
Jeffrey Weyhmler*	-	Entergy
Jeffrey Brown*	-	APS
Paul Leonard*	-	Nextera
Jeffrey Miller*	-	Palisades
Jim Sande*	-	Enercon
Sayed A. Reihani*	-	University of Illinois
Lori A. Christensen*	-	Point Beach
David Pelton	Branch Chief, Generic Communications and Power Uprate Branch	U.S. Nuclear Regulatory Commission (NRC)
C.J. Fong	Reliability and Risk Analyst	NRC
Matt Yoder	Senior Chemical Engineer	NRC
Paul Klein	Senior Materials Engineer	NRC
Marioly-Diaz Colon	General Engineer	NRC
Ervin Geiger	Senior Engineer	NRC
Steve Smith	Reactor Systems Engineer	NRC

\*Participated via phone

\*\*Represented STPNOC

Enclosure

NAME	TITLE	ORGANIZATION
John Stang	Senior Project Manager	NRC
Jeffrey Rikhoff	Senior Environmental Scientist	NRC
Timothy Collins	Senior Technical Assistant	NRC
Bruce Lin	Mechanical Engineer	NRC
Ashley Guzzetta	Reactor Systems Engineer	NRC
Steve Laur*	Senior Reliability and Risk Analyst	NRC
Andrea George	Project Manager	NRC
Joe Sebrosky	Senior Project Manager	NRC

\*Participated via phone

\*\*Represented STPNOC

Please direct any inquiries to me at 301-415-3016, or [balwant.singal@nrc.gov](mailto:balwant.singal@nrc.gov).

Sincerely,

/ RA /

Balwant K. Singal, Senior Project Manager  
Plant Licensing Branch IV-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-498 and 50-499

Enclosure:  
List of Attendees

cc w/encl: Distribution via Listserv

DISTRIBUTION:

PUBLIC

LPLIV r/f

RidsAcrsAcnw\_MailCTR Resource

RidsNrrDorlLp4 Resource

RidsNrrDprPgcb Resource

RidsNrrDeEsGb Resource

RidsNrrDssSsib Resource

RidsNrrDssSrxsb Resource

RidsNrrDssStsb Resource

RidsNrrDraAadb Resource

RidsNrrDraApla Resource

RidsNrrLAJBurkhardt Resource

RidsNrrPMSouthTexas Resource

RidsRgn4MailCenter Resource

CRini, EDO RIV

TWertz, NRR

SSmith, NRR/DSS/SSIB

PKlein, NRR/DE/ESGB

MYoder, NRR/DE/ESGB

SBailey, NRR/DSS/SSIB

EGeiger, NRR/DSS/SSIB

CFong, NRR/DRA/APLA

LLund, NRR/DORL

EWong, NRR/DE/ESGB

MColon, NRR/DE/ESGB

MMarkley, NRR/DORL/LPL4

HHamzehee, NRR/DRA/APLA

JDavis, NRR/DSS

JStang, NRR/DSS/SSIB

RElliott, NRR/DSS/STSB

TTate, NRR/DRA/AADB

SDismore, NRR/DRA/APLA

JRikhoff, NRR/DLR/RERB

SWhaley, NRR/DSS/SNPB

**ADAMS Accession No.: ML13358A062**

**\*via email**

OFFICE	NRR/DORL/LPL4-1/PM	NRR/DORL/LPL4-1/PM	NRR/DORL/LPL4/LA
NAME	AGeorge*	BSingal	JBurkhardt
DATE	1/6/14	1/8/14	1/2/14
OFFICE	NRR/DSS/SSIB/BC	NRR/DORL/LPL4-1/BC	NRR/DORL/LPL4-1/PM
NAME	JStang*	MMarkley	BSingal
DATE	1/9/14	1/14/14	1/14/14

**OFFICIAL RECORD COPY**