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

April 14, 2016

LICENSEE: Southern Nuclear Operating Company (SNC)

FACILITY: Vogtle Electric Generating Plant, Units 1 and 2 (VEGP)

SUBJECT: SUMMARY OF MARCH 2, 2016, TELECONFERENCE WITH SNC ON GSI-191 PROGRAM FOR THE VEGP (CAC NOS. MC4727 AND MC4728)

On March 2, 2016, a Category 1 public teleconference was held between the U.S. Nuclear Regulatory Commission (NRC) and SNC representatives. The licensee's objectives in the teleconference were to discuss questions from the November 5, 2015 public meeting on their risk-informed approach to addressing Generic Safety Issue (GSI)-191, "Assessment of Debris Accumulation on Pressurize-Water Reactor Sump Performance," related to chemical effects. The teleconference notice and agenda, dated February 11, 2016, is available in the Agencywide Documents Access and Management System (ADAMS) Accession No. ML16042A125. A list of participants is provided as Enclosure 1. The SNC presentation is also available in ADAMS Accession No. ML16056A412.

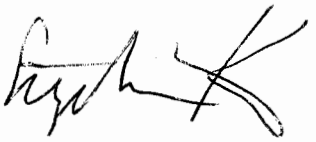
SNC addressed the following topics:

- pH Values used for Release and Solubility;
- Calcium Release Rate vs. pH;
- Implementation of the Howe et al. (UNM) Aluminum Corrosion Equations; and
- Use of WCAP-17788 Testing with the ANL Equations to Support Short Term Aluminum Solubility.

No regulatory decisions or commitments were made during the meeting. However, staff noted the following issues:

- The licensee needs to justify using the WCAP-17788-P test results to extend the valid range of temperature and pH for the UNM aluminum release and passivation equations.
- NRC staff and the licensee need to confirm the Howe paper on the UNM bench testing is on the docket.
- The NRC staff questioned if the UNM aluminum corrosion data fit should focus only on data in the first 24 hours since the licensee's chemical effects approach will "force" precipitation of all dissolved aluminum after 24 hours.
- Given that the UNM aluminum passivation term results in an under-prediction of aluminum corrosion for high and low temperature, the staff questioned why it should have confidence that it is accurate within the intended temperature range.
- The NRC staff was interested in how using a bounding aluminum solubility line (i.e., Howe Eq. for MINTEQ + 0.66) would compare with the current proposed approach given a conservative but smaller magnitude difference (e.g., 0.5, 0.7) between the pH assumed for dissolution and pH assumed for solubility.

One member of the public participated in the teleconference. However, no Public Meeting Feedback forms were received.



Stephen Koenick, Senior Project Manager
Plant Licensing Branch IV-2 and Decommissioning
Transition Branch
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-424 and 50-425

Enclosure: List of Participants

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LIST OF PARTICIPANTS

March 2, 2016 TELECONFERENCE WITH SNC

Licensee	
Phil Grissom	Southern Nuclear Operating Company (SNC)
Ryan Joyce	SNC
Tim Littleton	SNC
Kip Walker	Enercon Services
Blake Stair	Enercon Services
Tim Sande	Enercon Services
Austin Glover	Enercon Services
Bill Henne	Enercon Services
NRC Staff	
Stephen Koenick	DORL/LPL4-2
Victor Cusumano	DSS/SSIB
Stephen Smith	DSS/SSIB
Andrea Russell	DSS/SSIB
Paul Klein	DE/ESGB
Matt Yoder	DE/ESGB
Gloria Kulesa	DE/ESGB
Other	
Eric Fulhage	Engineering Planning and Management
Brian Krysteck	Engineering Planning and Management
Marvin Lewis	Self

Enclosure

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/RA/

Stephen Koenick, Senior Project Manager
Plant Licensing Branch IV-2 and Decommissioning
Transition Branch
Division of Operating Reactor Licensing
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ADAMS Accession Nos.: Meeting Notice: ML14296A292 Meeting Summary: ML16098A013

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