



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

May 8, 2015

LICENSEE: Southern Nuclear Operating Company (SNC)

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

SUBJECT: SUMMARY OF NOVEMBER 6, 2014, MEETING WITH SNC ON GSI-191
PROGRAM FOR THE VEGP (TAC NOS. MC4727 AND MC4728)

On November 6, 2014, a Category 1 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and SNC representatives at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland. The licensee's objectives in the meeting were to provide an overview of their plans for future large scale chemical effects and strainer head loss testing, and receive any comments, concerns or feedback from NRC staff. The meeting notice and agenda, dated October 23, 2014, is available in the Agencywide Documents Access and Management System (ADAMS) at Accession No. ML14296A292. A list of attendees is provided as Enclosure 1. The licensee provided slides for its presentation (ADAMS Accession No. ML15126A256).

The VEGP includes two Westinghouse four-loop pressurized water reactors with characteristics relevant to this issue as follows: 99 percent NUKON insulation; 6 cubic feet of Interam fire barrier material; GE Stacked Disk Strainers (4 per unit) for ECCS and Containment Spray (CS) to provide 765 square feet of strainer for each of the two ECCS trains, two separate CS strainers (each with 590 square feet); and trisodium phosphate as a buffer. The licensee stated that the strainer head loss and in-vessel issues remain open for VEGP; that previous chemical effects testing provided very promising results, but were not accepted by NRC and that the licensee has elected to follow Option 2B (risk-informed resolution) of SECY-12-0093, as being piloted by the South Texas Plant.

The licensee provided an overview of its chemical effects testing plans, summarized its previous testing, and described the University of New Mexico testing facility.

The licensee also summarized its risk-informed head loss test strategy, including activities to be performed by Enercon Services, Inc. and the Alden Research Laboratory. The licensee summarized its head loss testing strategy as follows:

- A comprehensive test program is necessary to quantify head loss for thousands of break scenarios.
- The rule based approach is a more practical option than a full correlation or test for every break scenario.
- Simplifications of fiber type, particulate surrogate, and water chemistry are necessary to develop a practical test matrix.
- Small-scale testing may be utilized to gather a majority of the data. The rule based approach is a more practical option than a full correlation or test for every break scenario.

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The NRC staff found the information provided by SNC to be a useful description of the licensee's plans for this program. No regulatory decisions or commitments were made during the meeting.

Members of the public did not participate. Public Meeting Feedback forms were not received.



Bob Martin, Senior Project Manager
Plant Licensing Branch LPL2-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-424 and 50-425

Enclosure: List of Attendees

cc w/encl: Distribution via Listserv

LIST OF ATTENDEES

November 6, 2014 MEETING WITH SNC

Licensee	
Phil Grissom	Southern Nuclear Operating Company (SNC)
Ken McElroy	SNC
Ryan Joyce	SNC
Owen Scott	SNC
Franchelli Febo	SNC
Jim Littleton	SNC
Kip Walker	Enercon Services
Blake Stair	Enercon Services
Tim Sande	Enercon Services
Edwark Glandford	University of New Mexico (UNM)
Amir Ali	UNM
Kerry Howe	UNM
Steven Unikewicz	Alion Science and Technology
Janet Leavitt	Alion Science and Technology
NRC Staff	
Victor Cusumano	DSS/SSIB
Stephen Smith	DSS/SSIB
Ashley Guzetta	DSS/SSIB
John Stang	DSS/SSIB
Gloria Kulesa	DE/ESGB
Paul Klein	DE/ESGB
Matt Yoder	DE/ESGB
Bob Martin	DORL/LPL2-1
Members of the Public	
Maurice Dingle	Wolf Creek NOC
Ron Holloway	Wolf Creek NOC
Eric Federline	MPR Associates

Enclosure

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MYoder
RPascarelli

ADAMS Accession Nos.: Meeting Notice ML14296A292 Meeting Summary ML15126A303

OFFICE	NRR/DORL/LPL2-1/PM	NRR/DORL/LPL2-1/LA	NRR/DORL/LPL2-1/BC	NRR/DORL/LPL2-1/PM
NAME	BMartin	SFiguroa	RPascarelli	BMartin
DATE	05/07/15	05/07/15	05/08/15	05/08/15

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