



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

April 16, 2020

MEMORANDUM TO: Victor E. Hall, Chief
Vogtle Project Office
Office of Nuclear Reactor Regulation

FROM: Jennivine Rankin, Project Manager **/RA/**
Vogtle Project Office
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF A PUBLIC MEETING WITH SOUTHERN NUCLEAR
OPERATING COMPANY ON APRIL 9, 2020

The U.S. Nuclear Regulatory Commission (NRC) staff held a Category 1 public meeting with Southern Nuclear Operating Company (SNC) on April 9, 2020. The purpose of the meeting was to discuss protecting intermediate range (IR) detectors under Title 10 of the *Code of Federal Regulations* (10 CFR) 73.67, "Licensee fixed site and in-transit requirements for the physical protection of special nuclear material of moderate and low strategic significance," and a potential license amendment request (LAR) regarding the main control room (MCR) emergency habitability system undervoltage actuation and vacuum relief valve.

The meeting notice can be found in the Agencywide Documents Access and Management System (ADAMS) at Accession No. ML20093E024. The meeting notice is also posted on the NRC public website. Enclosures 1 and 2 are the meeting agenda and attendance list for the meeting, respectively. The presentation slides associated with the meeting can be found at ADAMS Accession No. ML20090E104.

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Summary of Meeting:Protecting Intermediate Range Detectors under 10 CFR 73.67

On April 9, 2020, staff from the NRC conducted a public meeting with representatives from SNC to discuss protecting IR detectors under 10 CFR 73.67 and potential changes to the special nuclear material protection plan.

At the conclusion of the open portion of the meeting, there was an opportunity for the public to provide comments and ask questions. There were no comments or questions from the public. After the public portion of this topic, the staff held a closed meeting to discuss security-related information.

Main Control Room Emergency Habitability System Undervoltage Actuation and Vacuum Relief Valve Technical Specification Changes

On April 9, 2020, staff from the NRC conducted a public meeting with representatives from SNC to discuss a potential LAR regarding the main control room emergency habitability system undervoltage actuation and vacuum relief valve. SNC noted that there are no design changes and the instrumentation and controls logic and setpoints remain the same. SNC described the following three main changes as part of their presentation:

- Identify that Class 1E 24-hour battery charger undervoltage is a credited actuation of MCR emergency habitability system and de-energization of MCR air supply radiation monitor sample pumps.
- Modify Technical Specification (TS) 3.3.13, "Engineered Safety Feature Actuation System (ESFAS) Main Control Room Isolation, Air Supply Initiation, and Electrical Load De-energization" to exclude operability requirements of the MCR air supply iodine or particulate radiation - High 2 function when the MCR envelope is isolated and the emergency habitability system is operating.
- Revise TS 3.6.3, "Containment Isolation Valves," to exclude the vacuum relief containment isolation valves and revise TS 3.6.9, "Vacuum Relief Valves," to address operability of the containment isolation function, Actions, and Surveillances.

The NRC staff noted the following items for SNC to consider:

- The LAR should explain how SNC will test electrical equipment using the proposed TS surveillance requirement and continue to meet the requirements of General Design Criteria (GDC) 4, "Environmental and Dynamic Effects Design Bases," GDC-18, "Inspection and Testing of Electric Power Systems," and 10 CFR 50.49, "Environmental qualification of electric equipment important to safety for nuclear power plants."
- NRC staff noted that the proposed changes to relocate containment isolation valve provisions for vacuum relief valves from TS 3.6.3 into TS 3.6.9 permit indefinite plant operations (e.g., until the following refueling outage) with an inoperable primary containment isolation valve (i.e., inoperable for closing). The staff noted that the proposed changes should reflect the importance of ensuring a leak tight primary containment boundary and that additional justification may be needed to ensure safe operation in this condition (loss of redundancy).
- NRC staff noted that the addition of new TS 3.6.9, Condition C has a completion time of 30 days for inoperable (i.e., inoperable for closing) vacuum relief isolation valves. The

NRC staff noted the LAR should contain justification for why 30 days is an appropriate completion time.

At the conclusion of the discussion, there was an opportunity for the public to provide comments and ask questions. There were no comments or questions from the public.

Docket Nos.: 52-025
52-026

Enclosures:
As stated

cc w/encls: See next page

SUMMARY OF A PUBLIC MEETING WITH SOUTHERN NUCLEAR OPERATING COMPANY
ON APRIL 9, 2020 DATED: April 16, 2020

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ADAMS Accession No.: ML20105A010***via e-mail****NRC-001**

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DATE	4/15/2020	4/15/2020	4/15/2020	4/15/2020
OFFICE	PM: NRR/VPO			
NAME	JRankin (s)			
DATE	4/16/2020			

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**AGENDA FOR PUBLIC MEETING
U.S. NUCLEAR REGULATORY COMMISSION (NRC)
Thursday, April 9, 2020
Teleconference
9:00 a.m. – 12:00 p.m.**

PURPOSE: To discuss issues associated with the safety review of licensing actions for Southern Nuclear Operating Company's (SNC) Vogtle Electric Generating Plant (VEGP) Units 3 and 4.

OPEN

<u>Time</u>	<u>Topic</u>	<u>Led By</u>
9:00 a.m.	Opening Remarks	NRC
10:10 a.m.	Discussion of Identified Topics	NRC/SNC
	Opportunity for Public Comment	NRC/Public
	Open Portion Concludes	

<u>CLOSED</u>	(If needed)	NRC/SNC
12:00 p.m.	Adjourn	

PUBLIC MEETING
U.S. NUCLEAR REGULATORY COMMISSION
Thursday, April 9, 2020
Teleconference
9:00 a.m. – 12:00 p.m.

List of Attendees

Name	Organization
Representing the Nuclear Regulatory Commission	
Jennie Rankin Cyetano Santos Victor Hall Mike King Chandu Patel Don Habib Christopher Welch Evan Davidson Andrea Johnson Alina Schiller	NRR/VPO
Alison Rivera Al Tardiff David Diec Niry Simonian	NSIR
Tarico Sweat Clinton Ashley Bruce Heida Brian Wittick	NRR/DSS
Dinesh Taneja Nadim Khan Matthew McConnell Booma Venkataraman Jack Zhao	NRR/DEX
Randy Patterson Otis Smith	Region II

Representing Industry	
Stephanie Agee Amy Chamberlain Mike Elmer Keith Dorsey Daniel Williamson Eddie Grant Nick Kellenberger Mark Humphrey Kelli Anne Roberts Michael Bennett Karen Bobkowski Lauren Meert Adam Wichman Steve Shipman Joel Oliver Michael Long Brett Bennett Jerry Sims David Reefer Mitchell Hillis David Powell	Southern Nuclear Operating Company
Zachary Harper Carly Belovesick Cherie Paugh	Westinghouse Electric Company

Note: All participated via teleconference.

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(Revised 4/7/2020)

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