



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

January 17, 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 JANUARY 9, 2020

The U.S. Nuclear Regulatory Commission (NRC) staff held a Category 1 public meeting with Southern Nuclear Operating Company (SNC) on January 9, 2020. The purpose of the meeting was to discuss SNC's request for license amendment and exemption regarding the passive containment cooling system (PCS) wetted perimeter test modification and SNC's plan for implementing the work hour rule.

The meeting notice can be found in Agencywide Documents Access and Management System (ADAMS) Accession No. ML19322C752. 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 other documents referenced during the discussion can be found at the ADAMS Accession Nos. given below:

• Discussion Topics for LAR-19-018: PCS Wetted Perimeter Test Modification	ML20007E553
• Slides for SNC's Plan for Implementing the Work Hour Rule	ML20008D632

CONTACT: Jennivine Rankin, NRR/VPO
(301) 415-1530

Summary of Meeting:Technical Discussion LAR-19-018: PCS Wetted Perimeter Test Modification

On January 9, 2020, staff from the NRC conducted a public meeting with representatives from SNC to discuss LAR-19-018. The discussion is summarized below:

- SNC stated that the previous testing results showed that the percentage wetted coverage at the second weir and the spring line are the same.
- SNC noted that the previous testing and analysis accounted for welds, tolerances for weirs, and baffle supports. SNC referenced WCAP-15846, "WGOTHIC Application to AP600 and AP1000," Revision 5, Sections 7.5.2.3, "Application of PCS Water Stripping from Baffle Supports," and 7.2.6, "PCS Water Stripping from Baffle Supports," to support the analysis conducted on baffle supports.
- SNC noted that the lifting lugs and other temporary structures such as the mounting pads were not specifically described in the analysis. This is because the lifting lugs and temporary structures are removed and ground smooth after installation of the dome.

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

Technical Exchange on SNC's Plan for Implementing Title 10 *Code of Federal Regulations* (10 CFR) Part 26, Subpart I, Work Hour Controls

On January 9, 2020, staff from the NRC conducted a public meeting with representatives from SNC's plan for implementing the work hour rule. The discussion is summarized below:

- The NRC staff noted that SNC's approach to implementing work hour controls for operations and maintenance personnel using the risk-significance of structures, systems, and components (SSCs), as determined based on current plant state, is not consistent with the guidance for work hour control during outages that is provided in Nuclear Energy Institute (NEI) 06-11, "Managing Personnel Fatigue at Nuclear Power Reactor Sites," Revision 1 and endorsed by Regulatory Guide 5.73, "Fatigue Management for Nuclear Power Plant Personnel," (ADAMS Accession No. ML083450028).
- SNC noted that 10 CFR 50.65, "Requirements for monitoring the effectiveness of maintenance at nuclear power plants," is not applicable to Vogtle Electric Generating Plant (VEGP) Units 3 and 4 until after the 52.103(g) finding.
- SNC clarified that it intends to start fuel load coincident with receiving the 52.103(g) finding and that it intends to begin phasing in implementation of the work hour controls before receiving the 52.103(g) finding. The NRC staff stated that implementing the work hour controls prior to the 52.103(g) finding would be consistent with requirements of 10 CFR Part 26, Subpart I, "Managing Fatigue."
- The NRC staff requested clarification as to whether SNC would be applying work hour controls for outages prior to plant start-up. SNC stated it intends to use the work hour control requirements corresponding with the technical specification modes. The NRC staff noted that work hour controls for outages are allowed as a relaxation from the work controls for a finite period with the assumption that individuals beginning that finite period had been under work hour controls and therefore are adequately rested. Because the individuals working on VEGP Units 3 and 4 would not have previously been under work

hour controls, there would be no basis for assuming the individuals received adequate rest and no basis for determining the finite period of the relaxation.

- SNC intends to finalize its plan and submit a letter to the NRC describing its intent on how to implement work hour control.

At the conclusion of the presentation, 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

Enclosure:
As stated

cc w/encls: See next page

SUMMARY OF A PUBLIC MEETING WITH SOUTHERN NUCLEAR OPERATING COMPANY
ON JANUARY 9, 2020 DATED: January 17, 2020

DISTRIBUTION:

PUBLIC	VHall, NRR
RidsOpaMail	RidsAcrcAcnwMailCenter
RidsOgcMailCenter	DDesaulniers, NRR
RidsRgn2MailCenter	BHeida, NRR
NRR_VPO Distribution	

ADAMS Accession No.: ML20014D479***via e-mail****NRC-001**

OFFICE	PM: NRR/VPO	LA: NRR/VPO	PM: NRR/VPO	BC: NRR/VPO
NAME	JRankin* (c)	RButler*	CSantos*	VHall*
DATE	1/16/2020	1/16/2020	1/ 16/2020	1/16/2020
OFFICE	PM: NRR/VPO			
NAME	JRankin (s)			
DATE	1/17/2020			

OFFICIAL RECORD COPY

**AGENDA FOR PUBLIC MEETING
U.S. NUCLEAR REGULATORY COMMISSION (NRC)
Thursday, January 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
9:10 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, January 9, 2020
One White Flint North, Room O-11B4
9:00 a.m. – 12:00 p.m.

List of Attendees

Name	Organization
Representing the Nuclear Regulatory Commission	
Jennivine Rankin Vic Hall Mike King Tanny Santos Olivier Lareynie Jukka Kallionpaa Mike Webb	NRR/VPO
David Desaulniers	NRR/DRO
Bruce Heida Brian Wittick	NRR/DSS
Representing Industry	
Kelli Roberts* Nick Kellenberger* Stephanie Agee* Mark Humphrey* Ryan Henderson* Steve Leighty* Lee Doby* Michael Long* Mitch Hillis*	Southern Nuclear Operating Company
Michael Patterson* Jason Eisenhower*	Westinghouse Electric Company
Public Participants	
Steve Franzone*	Florida Power and Light
Bill Jacobs*	Georgia Public Service Commission

* = participated via teleconference

Vogtle Mailing List

(Revised 11/12/2019)

cc:

Resident Manager
Oglethorpe Power Corporation
Alvin W. Vogtle Nuclear Plant
7821 River Road
Waynesboro, GA 30830

Resident Inspector
Vogtle Plant Units 3 & 4
8805 River Road
Waynesboro, GA 30830

Office of the Attorney General
40 Capitol Square, SW
Atlanta, GA 30334

Mr. Barty Simonton
Team Leader
Environmental Radiation Program
Air Protection Branch
Environmental Protection Division
4244 International Parkway, Suite 120
Atlanta, GA 30354-3906

Southern Nuclear Operating Company
Document Control Coordinator
3535 Colonnade Parkway
Birmingham, AL 35243

Brian H. Whitley
Regulatory Affairs Director
Southern Nuclear Operating Company
3535 Colonnade Parkway, BIN N-226-EC
Birmingham, AL 35243

Anne F. Appleby
Oglethorpe Power Corporation
2100 East Exchange Place
Tucker, GA 30084

Mr. Michael Yox
Site Regulatory Affairs Director
Vogtle Units 3 & 4
7825 River Road, Building 302 (ESB)
Bin 6031
Waynesboro, GA 30830

County Commissioner
Office of the County Commissioner
Burke County Commission
Waynesboro, GA 30830

Mr. Wayne Guilfoyle
Commissioner District 8
Augusta-Richmond County Commission
4940 Windsor Spring Rd
Hephzibah, GA 30815

Gwendolyn Jackson
Burke County Library
130 Highway 24 South
Waynesboro, GA 30830

Mr. Reece McAlister
Executive Secretary
Georgia Public Service Commission
Atlanta, GA 30334

Vogtle Mailing List

Email

aagibson@southernco.com (Amanda Gibson)
acchambe@southernco.com (Amy Chamberlian)
awc@nei.org (Anne W. Cottingham)
becky@georgiawand.org (Becky Rafter)
bhwhitley@southernco.com (Brian Whitley)
Bill.Jacobs@gdsassociates.com (Bill Jacobs)
corletmm@westinghouse.com (Michael M. Corletti)
crpierce@southernco.com (C.R. Pierce)
dahjones@southernco.com (David Jones)
david.hinds@ge.com (David Hinds)
david.lewis@pillsburylaw.com (David Lewis)
dlfulton@southernco.com (Dale Fulton)
ed.burns@earthlink.net (Ed Burns)
edavis@pegasusgroup.us (Ed David)
G2NDRMDC@southernco.com (SNC Document Control)
George.Taylor@opc.com (George Taylor)
harperzs@westinghouse.com (Zachary S. Harper)
james1.beard@ge.com (James Beard)
JHaswell@southernco.com (Jeremiah Haswell)
jim@ncwarn.org (Jim Warren)
John.Bozga@nrc.gov (John Bozga)
Joseph_Hegner@dom.com (Joseph Hegner)
karlg@att.net (Karl Gross)
kmstacy@southernco.com (Kara Stacy)
kroberts@southernco.com (Kelli Roberts)
KSutton@morganlewis.com (Kathryn M. Sutton)
kwaugh@impact-net.org (Kenneth O. Waugh)
markus.popa@hq.doe.gov (Markus Popa)
mdmeier@southernco.com (Mike Meier)
media@nei.org (Scott Peterson)
Melissa.Smith@Hq.Doe.Gov (Melissa Smith)
mike.price@opc.com (M.W. Price)
MKWASHIN@southernco.com (MKWashington)
mphumphr@southernco.com (Mark Humphrey)
MSF@nei.org (Marvin Fertel)
nirsnet@nirs.org (Michael Mariotte)
Nuclaw@mindspring.com (Robert Temple)
Paul@beyondnuclear.org (Paul Gunter)
pbessette@morganlewis.com (Paul Bessette)
ppsena@southernco.com (Peter Sena, III)
r.joshi15@comcast.net (Ravi Joshi)
rwink@ameren.com (Roger Wink)
sabinski@suddenlink.net (Steve A. Bennett)
sara@cleanenergy.org (Sara Barczak)

Vogtle Mailing List

sblanton@balch.com (Stanford Blanton)
Shiva.Granmayeh@hq.doe.gov (Shiva Granmayeh)
sjackson@meagpower.org (Steven Jackson)
sjones@psc.state.ga.us (Shemetha Jones)
skauffman@mpr.com (Storm Kauffman)
slieghty@southernco.com (Steve Leighty)
sroetger@psc.state.ga.us (Steve Roetger)
syagee@southernco.com (Stephanie Agee)
TomClements329@cs.com (Tom Clements)
Vanessa.quinn@dhs.gov (Vanessa Quinn)
wayne.marquino@gmail.com (Wayne Marquino)
weave1dw@westinghouse.com (Doug Weaver)
William.Birge@hq.doe.gov (William Birge)
X2edgran@southernco.com (Eddie R. Grant)
x2gabeck@southernco.com (Gary Becker)
X2hagge@southern.com (Neil Haggerty)
X2wwill@southernco.com (Daniel Williamson)