



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

July 24, 2019

MEMORANDUM TO: Jennifer Dixon-Herrity, Chief
Licensing Branch 2
Division of Licensing, Siting, and
Environmental Analysis
Office of New Reactors

FROM: Jordan Hoellman, Project Manager */RA Chandu Patel for/*
Licensing Branch 2
Division of Licensing, Siting, and
Environmental Analysis
Office of New Reactors

SUBJECT: SUMMARY OF A PUBLIC MEETING WITH SOUTHERN NUCLEAR
OPERATING COMPANY ON JANUARY 24, 2019

The U.S. Nuclear Regulatory Commission (NRC) staff held a Category 1 public meeting with Southern Nuclear Operating Company (SNC) on January 24, 2019. The purpose of the meeting was to discuss issues associated with the safety review of licensing actions for SNC's Vogtle Electric Generating Plant (VEGP) Units 3 and 4.

The meeting notice can be found in the Agencywide Documents Access and Management System (ADAMS) under Accession No. ML18263A060. 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:

- Information for Protection January 24, 2019, Technical Exchange Meeting regarding Protection and Safety Monitoring System (PMS) Technical Specifications (TS) Surveillance License Amendment Request (LAR) (PUBLIC) – ML19022A312

CONTACT: Jordan Hoellman, NRO/DLSE
(301) 415-5481

Summary of Meeting:

On January 24, 2019, staff from the NRC conducted a public meeting with representatives from SNC to discuss issues associated with the safety review of licensing actions for SNC's VEGP Units 3 and 4. Specifically, the meeting discussed pre-submittal information regarding PMS TS Surveillance LAR.

SNC provided an overview of the proposed LAR and walked through the referenced presentation, noting that the proposed changes seek to leverage the continuous, self-diagnostic testing features of the PMS digital protection system to reduce the scope and frequency of manual TS surveillance testing. SNC discussed that the current VEGP Units 3 and 4 instrumentation TS are based on the Standard TS for analog protection systems, and since the PMS uses the Westinghouse Electric Company (Westinghouse) Common Q digital platform, the LAR proposes to revise and eliminate select manual PMS TS surveillance testing by crediting the digital platform self-diagnostic features. SNC noted that the proposed TS surveillance test revisions will (1) increase safety by lowering operational risk associated with human performance errors, (2) reduce the duration of how long the PMS is at less than full redundancy, (3) reduce resources necessary to perform surveillances, and (4) save substantial operational costs, while continuing to meet the regulatory requirements and industry standards. The staff noted that they understood SNC's request and asked clarifying questions regarding the proposed changes. SNC stated that they plan to discuss the proposed LAR with the staff again once the draft LAR is developed.

At the end of the open portion of the meeting, there was an opportunity for the public to provide comments and ask questions. There were no questions or comments from members of the public.

In the closed portion of the pre-submittal discussion, SNC discussed the proprietary technical details of the LAR that will demonstrate that the PMS equipment functionality is maintained by the continuously running, hardware and software self-diagnostic features and the remaining manual TS surveillance testing.

Docket Nos.: 052-025
052-026

Enclosure:
As stated

cc w/encls: See next page

SUMMARY OF A PUBLIC MEETING WITH SOUTHERN NUCLEAR OPERATING COMPANY
ON JANUARY 24, 2019 DATED: July 24, 2019

DISTRIBUTION:

PUBLIC	CPatel, NRO	PKallan, NRO	JZhao, NRR
RidsOpaMail	BGleaves, NRO	BHughes, NRO	BRoggenbrogt, NRR
RidsAcrsAcnwMailCenter	JHoellman, NRO	NRO_DNRL_LB4	TTjader, NRR
RidsOgcMailCenter	JDixon-Herrity, NRO	PHearn, NRO	NSalgado, NRR
RidsRgn2MailCenter	MComar, NRO	CHaruck, NRR	VCusumano, NRR
RidsNroDnrl	DHabib, NRO	DTaneja, NRR	

ADAMS Accession No.: ML19046A079

*via e-mail

NRC-001

OFFICE	PM: DLSE/LB2	LA: DLSE/LB2	BC: DLSE/LB2	PM: DLSE/LB2
NAME	JHoellman (c)	RButler (c)	JDixon-Herrity (c)	JHoellman (CPatel for) (s)
DATE	2/27/19	2/21/19	7/24/19	7/24/19

OFFICIAL RECORD COPY

**AGENDA FOR PUBLIC MEETING
U.S. NUCLEAR REGULATORY COMMISSION (NRC)
Thursday, January 24, 2019
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
9:05 a.m.	Discussion of pre-submittal information regarding Protection and Safety Monitoring System (PMS) Surveillance License Amendment Request (LAR)	NRC/SNC/Westinghouse Electric Company (Westinghouse)
9:30 a.m.	Opportunity for Public Comment	PUBLIC/NRC

CLOSED

9:30 a.m.	Discussion of proprietary details related to pre-submittal information regarding PMS Surveillance LAR	NRC/SNC/Westinghouse
12:00 p.m.	Adjourn	

Enclosure 1

PUBLIC MEETING
U.S. NUCLEAR REGULATORY COMMISSION
Thursday, January 24, 2019
9:00 a.m. – 12:00 p.m.

List of Attendees

Name	Organization
Representing the Nuclear Regulatory Commission	
Jordan Hoellman	NRO/DLSE/LB2
Chandu Patel	NRO/DLSE/LB2
Jennifer Dixon-Herrity	NRO/DLSE/LB2
Vic Cusumano	NRR/DSS/STSB
Craig Harbuck	NRR/DSS/STSB
Nancy Salgado	NRR/DE/EICA
Dinesh Taneja	NRR/DE/EICA
Jack Zhao	NRR/DE/EICA
Representing Industry	
Wes Sparkman	Southern Nuclear Operating Company (SNC)
Stephanie Agee	SNC
Pareez Golub	SNC
Mark Humphry *	SNC
Amy Aughtman *	SNC
Kevin Durwachter *	SNC
Wayne Downing *	SNC
Warren Odess-Gillett	Westinghouse Electric Company (Westinghouse)
Edgar Brown	Westinghouse
Rick Paese	Westinghouse
John Wiesemann	Westinghouse
Ed Schindhelm	Westinghouse
Steve Merkle	Westinghouse
Rob Scandle *	Westinghouse
Representing Public	
N/A	

* = participated via teleconference

Enclosure 2

Vogtle Units 3 & 4 Mailing List
cc:

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

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

Southern Nuclear Operating Company, Inc.
Document Control Coordinator Bin N-226-EC
3535 Colonnade Parkway
Birmingham, AL 35243

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

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

(Revised 08/16/2018)

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

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

George B. Taylor, Jr.
2100 East Exchange Pl
Atlanta, GA 30084-5336

Brian H. Whitley
3535 Colonnade Parkway, Bin N-226-EC
42 Inverness Center Parkway, BIN B237
Birmingham, AL 35243

Mr. Michael Yox
Site Regulatory Affairs Director
Vogtle Units 3 & 4
7825 River Road, Bin 63031
Waynesboro, GA 30830

Vogle Units 3 & 4 Mailing List

Email

acchambe@southernco.com (Amy Chamberlian)
agaughtm@southernco.com (Amy Aughtman)
ALPUGH@southernco.com (Amanda Pugh)
awc@nei.org (Anne W. Cottingham)
becky@georgiawand.org (Becky Rafter)
bhwhitley@southernco.com (Brian Whitley)
Bill.Jacobs@gdsassociates.com (Bill Jacobs)
bjadams@southernco.com (Brad Adams)
bwwaites@southernco.com (Brandon Waites)
castelca@westinghouse.com (Curtis Castell)
comerj@westinghouse.com (James Comer)
crpierce@southernco.com (C.R. Pierce)
dahjones@southernco.com (David Jones)
david.hinds@ge.com (David Hinds)
david.lewis@pillsburylaw.com (David Lewis)
dgbost@southernco.com (Danny Bost)
dlfulton@southernco.com (Dale Fulton)
drculver@southernco.com (Randy Culver)
durhamdc@westinghouse.com (David Durham)
ed.burns@earthlink.net (Ed Burns)
edavis@pegasusgroup.us (Ed David)
erg-xl@cox.net (Eddie R. Grant)
fdhundle@southernco.com (Forrest Hundley)
fhwillis@southernco.com (Fred Willis)
G2NDRMDC@southernco.com (SNC Document Control)
graysw@westinghouse.com (Scott W. Gray)
jadwilli@southernco.com (J.D. Williams)
james1.beard@ge.com (James Beard)
jannina.blanco@pillsburylaw.com (Jannina Blanco)
jantol1dj@westinghouse.com (David Jantosik)
jenmorri@southernco.com (Jennifer Buettner)
JHaswell@southernco.com (Jeremiah Haswell)
jim@ncwarn.org (Jim Warren)
John.Bozga@nrc.gov (John Bozga)
Joseph_Hegner@dom.com (Joseph Hegner)
jpredd@southernco.com (Jason R. Redd)
jranalli@meagpower.org (Jerry Ranalli)
karen.patterson@ttnus.com (Karen Patterson)
karlg@att.net (Karl Gross)
kmstacy@southernco.com (Kara Stacy)
KSutton@morganlewis.com (Kathryn M. Sutton)
kwaugh@impact-net.org (Kenneth O. Waugh)
markus.popa@hq.doe.gov (Markus Popa)

Vogle Units 3 & 4 Mailing List

Matthew.Williams@hq.doe.gov (Matthew Williams)
mdmeier@southernco.com (Mike Meier)
media@nei.org (Scott Peterson)
Melissa.Smith@Hq.Doe.Gov (Melissa Smith)
Michael.Kuca@hq.doe.gov (Michael Kuca)
mike.price@opc.com (M.W. Price)
MKWASHIN@southernco.com (MKWashington)
mlgraves@southernco.com (Michelle Graves)
MSF@nei.org (Marvin Fertel)
myox@southernco.com (Mike Yox)
nirsnet@nirs.org (Michael Mariotte)
Nuclaw@mindspring.com (Robert Temple)
patriciaL.campbell@ge.com (Patricia L. Campbell)
Paul@beyondnuclear.org (Paul Gunter)
pbessette@morganlewis.com (Paul Bessette)
r.joshi15@comcast.net (Ravi Joshi)
RJB@NEI.org (Russell Bell)
Ronald.Jones@scana.com (Ronald Jones)
rwink@ameren.com (Roger Wink)
sabinski@suddenlink.net (Steve A. Bennett)
sara@cleanenergy.org (Sara Barczak)
sblanton@balch.com (Stanford Blanton)
Shiva.Granmayeh@hq.doe.gov (Shiva Granmayeh)
sjackson@meagpower.org (Steven Jackson)
skauffman@mpr.com (Storm Kauffman)
sroetger@psc.state.ga.us (Steve Roetger)
stephan.moen@ge.com (Stephan Moen)
stephen.burdick@morganlewis.com (Stephen Burdick)
tom.miller@hq.doe.gov (Tom Miller)
TomClements329@cs.com (Tom Clements)
Vanessa.quinn@dhs.gov (Vanessa Quinn)
vcsummer2n3@gmail.com (Brian McIntyre)
wasparkm@southernco.com (Wesley A. Sparkman)
wayne.marquino@gmail.com (Wayne Marquino)
weave1dw@westinghouse.com (Doug Weaver)
x2gabeck@southernco.com (Gary Becker)
x2kmseib@southernco.com (Kristin Seibert)