



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

February 26, 2018

MEMORANDUM TO: Jennifer Dixon-Herrity, Chief
Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

FROM: Jordan Hoellman, Project Manager /RA/
Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: SUMMARY OF A PUBLIC MEETING WITH SOUTHERN NUCLEAR
OPERATING COMPANY ON FEBRUARY 1, 2018

The U.S. Nuclear Regulatory Commission (NRC) staff held a Category 1 public meeting with Southern Nuclear Operating Company (SNC) on February 1, 2018. 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. ML18022A655. 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 Numbers given below:

- Discussion Topics for License Amendment Request (LAR) 17-037, Changes to Tier 2* Departure Evaluation Process – ML18029A056
- Additional Discussion Topic for LAR 17-037 – ML18031A431
- Pre-Submittal Presentation for LAR 18-001, Equipment Survivability Assessment Reconciliation – ML18026A650

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

Summary of Meeting:

On February 1, 2018, 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 (1) three topics regarding LAR 17-037 and (2) pre-submittal information regarding LAR 18-001.

The first three topics discussed regarded LAR 17-037. In response to the first topic, "Is Criterion 3 intended for any other Tier 2* items other than Fuel Criteria Evaluation Process (FCEP) and Burn Up limit?" SNC stated that Criterion 3 is intended for any Tier 2* material in Chapter 4 of the Updated Final Safety Analysis Report (UFSAR) related to fuel.

In response to the second topic, "Since FCEP is an approved topical report which provides the framework for making fuel changes which might not need NRC's review and approval, is there any way in which Criterion 3 as described could be used to make a change to any aspect of the FCEP topical report?" SNC stated that on Page 11 of Enclosure 2 of LAR 17-037, no material changes to the FCEP topical report would be allowed other than editorial or consistency changes if the LAR is approved and that changes to the topical report would likely be initiated through the Westinghouse Electric Company (WEC) organization, who submits topical report revisions to the NRC for review and approval. The staff noted that this concern applies to all topical reports and asked if there were any specific plans to revise the FCEP topical report. SNC stated that they do not have plans to revise the FCEP topical report, but noted that because Tier 2* information requires verbatim compliance, they included it in the LAR in case of an unexpected future scenario that would warrant editorial or consistency changes to the FCEP topical report.

In response to the third topic, "Clarify how SNC's proposed commitment describe in Enclosure 8 of the 12/21/17 submittal differs from the existing reporting requirement of Section X.B.1 of 10 CFR Part 52, Appendix D," SNC stated that they are proposing an expanded level of detail for Tier 2* changes made without NRC approval than typically included in the departure reports, noting that they have not formalized the processes and procedures yet. The staff asked SNC to clarify that they were not proposing a new reporting requirement for changes made to Tier 2* information without NRC approval. SNC stated that because of the conservative nature of applying the proposed criteria, they did not think a separate reporting requirement was necessary and they did not want to change the current reporting requirements, but noted that they would be open to further discussions with the staff about other potential notifications. Both SNC and the staff agreed that further dialog was needed regarding this LAR, and SNC noted that they would wait for formal requests for additional information (RAIs) to supplement the LAR to completely address the staff's concerns.

The final topic discussed was pre-submittal information regarding LAR 18-001. SNC walked through the pre-submittal presentation, noting that because both LARs (WEC LAR 187 and WEC LAR 190) (1) involve the relocation of hydrogen igniters, and (2) have overlapping schedules, they are proposing to combine the LARs into one submittal, LAR 18-001. SNC provided a background of the Hydrogen Igniter Locations LAR (informally WEC LAR 187), describing that the locations of igniters are proposed to be revised for consistency with the igniter location criteria described in UFSAR Table 6.2.4-6. SNC provided a background of the Equipment Survivability Assessment LAR (informally WEC LAR 190), describing that the list of equipment identified as requiring an assessment, which includes hydrogen igniters, is proposed to be revised as a rollup of multiple design changes. SNC described that the LAR proposes to consolidate the requirement for an equipment survivability assessment, duplicated in Combined

License (COL) Condition 2.D.12(g)9 and in Tier 1 Section 2.2.3, item 9 (ITAAC No. 2.2.03.09c (ITAAC Index No. 205)) by removing the Tier 1 description and ITAAC and including the comprehensive equipment lists in UFSAR Tables 19D-8 and 19D-9. The staff noted that they understood SNC's proposed LAR asked clarifying questions about the removal of the words "as-built" in COL Condition 2.D.12(g)9 and about how the proposed UFSAR Tables 19D-8 and 19D-9 were compiled. SNC stated that they would formally submit the LAR in the next few weeks once the submittal package is finalized.

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

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 FEBRUARY 1, 2018 DATED FEBRUARY 26, 2018DISTRIBUTION:

PUBLIC	CPatel, NRO	PKallan, NRO	CWelch, NRO
RidsOpaMail	BGleaves, NRO	BHughes, NRO	AGrady, NRO
RidsAcraAcnwMailCenter	JHoellman, NRO	NRO_DNRL_LB4	RKaras, NRO
RidsOgcMailCenter	JDixon-Herrity, NRO	PHearn, NRO	MPatterson, NRO
RidsRgn2MailCenter	MComar, NRO	BTravis, NRO	EStutzcage, NRO
RidsNroDnrl	DHabib, NRO	CVanWert, NRO	JZhao, NRO
HWagage, NRO			

ADAMS Accession No.: ML18037B096**NRC-001**

OFFICE	PM: DNRL/LB4	LA: DNRL/LB4	BC: DNRL/LB4	PM: DNRL/LB4
NAME	JHoellman (c)	RButler (c)	JDixon-Herrity (c)	JHoellman (s)
DATE	2/26/18	2/25/18	2/26/18	2/26/18

OFFICIAL RECORD COPY

**AGENDA FOR PUBLIC MEETING
U.S. NUCLEAR REGULATORY COMMISSION (NRC)
Thursday, February 1, 2018
9:00 a.m. – 10:45 a.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 Topics Regarding License Amendment Request (LAR) 17-037, Changes to Tier 2* Departure Evaluation Process	NRC/SNC/Westinghouse (WEC)
9:45 a.m.	Opportunity for Public Comment	PUBLIC/NRC
9:45 a.m.	Discussion of pre-submittal information regarding LAR 18-001, Equipment Survivability Assessment Reconciliation	NRC/SNC/WEC
10:45 a.m.	Opportunity for Public Comment	PUBLIC/NRC
10:45 a.m.	Adjourn	

Enclosure 1

PUBLIC MEETING
UNITED STATES NUCLEAR REGULATORY COMMISSION
Thursday, February 1, 2018
9:00 a.m. – 10:45 a.m.

List of Attendees

Name	Organization
Representing the Nuclear Regulatory Commission	
Jordan Hoellman	NRO/DNRL/LB4
Jennifer Dixon-Herrity	NRO/DNRL/LB4
Chandu Patel	NRO/DNRL/LB4
Don Habib	NRO/DNRL/LB4
Chris Van Wert	NRO/DSRA/SRSB
Rebecca Karas	NRO/DSRA/SRSB
Boyce Travis	NRO/DSRA/SCVB
Anne-Marie Grady	NRO/DSRA/SCVB
Harry Wagage	NRO/DSRA/SCVB
Malcolm Patterson *	NRO/DSRA/SPRA
Chris Welch *	NRO/DCIP/HOIB
Jack Zhao *	NRO/DEI/ICE
Ed Stutzcage	NRO/DSEA/RPAC
Representing Industry	
Jason Redd *	Southern Nuclear Operating Company (SNC)
Amy Chamberlain *	SNC
Ted Amundson *	SNC
Wes Sparkman *	SNC
Amy Aughtman *	SNC
Tom Hicks *	SNC
Neil Haggerty *	SNC
Tom Petrak *	SNC
Eddie Grant *	SNC
Peter LeRoy *	SNC
Brad Chamberlain *	SNC

Enclosure 2

Kevin Durrwachter *	SNC
Jason Eisenhauer *	Westinghouse Electric Company (WEC)
Zach Harper *	WEC
Representing Public	
Tom Childress *	Florida Power & Light Company (FPL)
Steve Franzone *	FPL
Bill Jacobs *	GA Public Service Commission

* = participated via teleconference

Vogtle Units 3 & 4 Mailing List

(Revised 01/29/2018)

cc:

Southern Nuclear Operating Company
Document Control Coordinator
42 Inverness Center Parkway, Bin 237
Birmingham, AL 35242

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

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

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
Regulatory Affairs Director
Southern Nuclear Operating Company
42 Inverness Center Parkway, BIN B237
Birmingham, AL 35242

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

Vogtle Units 3 & 4 Mailing List

Email

acchambe@southernco.com (Amy Chamberlian)
agaughtm@southernco.com (Amy Aughtman)
ALPUGH@southernco.com (Amanda Pugh)
annacom@westinghouse.com (Michael J. Annacone)
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)
crenshjw@westinghouse.com (John Crenshaw)
crpierce@southernco.com (C.R. Pierce)
dahjones@southernco.com (David Jones)
david.hinds@ge.com (David Hinds)
david.lewis@pillsburylaw.com (David Lewis)
dgboost@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)
jtgasser@southernco.com (Jeff Gasser)
karen.patterson@ttnus.com (Karen Patterson)
karlg@att.net (Karl Gross)
kdfili@southernco.com (Karen Fili)

Vogtle Units 3 & 4 Mailing List

kmstacy@southernco.com (Kara Stacy)
KSutton@morganlewis.com (Kathryn M. Sutton)
kwaugh@impact-net.org (Kenneth O. Waugh)
lchandler@morganlewis.com (Lawrence J. Chandler)
markus.popa@hq.doe.gov (Markus Popa)
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)
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)
rjarrett@southernco.com (Robyn Jarrett)
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)