



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

May 4, 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 APRIL 19, 2018

The U.S. Nuclear Regulatory Commission (NRC) staff held a Category 1 public meeting with Southern Nuclear Operating Company (SNC) on April 19, 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. ML18082A042. 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:

- SNC Responses to Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Closure Notification (ICN) – ML18108A417 and Uncompleted ITAAC Notification (UIN) Comment Status Sheet
- Draft License Amendment Request (LAR) 18-015, Fire Protection System Non-Safety Cable Spray Removal – ML18107A579
- Pre-Submittal Presentation for LAR 18-015 – ML18107A584
- Discussion Topics for LAR 17-037, Changes to Tier 2* Departure Evaluation Process – ML18108A201

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

Summary of Meeting:

On April 19, 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) SNC's responses to the ICN and UIN comment status sheet, (2) draft LAR 18-015, and (3) discussion topics related to LAR 17-037.

The first topic discussed was SNC's responses to the ICN and UIN comment status sheet. The staff discussed that they understood SNC's responses and noted that further discussions were needed at a future public meeting regarding the ITAAC closure documentation for ITAAC Index Nos. 799 through 811. The staff stated that they would provide written feedback to SNC within the next few weeks.

The second topic discussed was draft LAR 18-015. SNC walked through the pre-submittal presentation, noting that the fire protection system (FPS) is a nonsafety-related non-seismic system consisting of fire detection and alarm, fire water supply, and automatic and manual fire suppression to prevent fires and minimize consequences should a fire occur and that the AP1000 containment is a single fire area divided into several fire zones. SNC discussed a summary of the changes proposed in LAR 18-015 and the flame-propagation tests of the fire stop design. SNC noted that the test demonstrated that the passive fire stop prevented flame propagation for 3 hours and that the test setup and results are documented in the test report, which would be made available for the staff to audit, if necessary. The staff noted that they understood SNC's proposed LAR and asked clarifying questions. SNC stated that they would formally submit the LAR within the next few weeks.

The third topic discussed was three discussion topics regarding LAR 17-037, including (a) applicability of the LAR to emergency planning (EP), (b) references in the LAR to consistency with processes being used by other design certification reviews, and (c) applicability of the LAR to instrumentation and controls (I&C).

Regarding the EP discussion topic, the question posed to the licensee was: how would emergency plan changes, controlled by 10 CFR 50.54(q), screen out using the proposed screening criteria that LAR 17-037 proposes? SNC indicated that proposed changes are first screen through an "applicability determination process" to identify appropriate requirements that would apply to the intended changes. Through this screening, items related to EP would be determined to be governed by 10 CFR 50.54(q) and the applicable site process for such EP changes would be used, and not the proposed screening process in LAR 17-037 for Tier 2* items. The staff noted that SNC's response clarified how emergency plan changes would be screened and handled using existing licensee processes to identify the applicable regulatory requirements of 10 CFR 50.54(q), for such EP changes and not the screening criteria that LAR 17-037 proposes. The staff had no additional questions on this discussion topic.

Regarding how the process proposed in LAR 17-037 is consistent with the process being used for current applications for design certifications that contain no Tier 2* information, SNC indicated that the language used in the LAR could be more clear and noted that the intention of the statement is that the outcomes of applying the proposed processes, whatever the processes would be, would result in similar outcomes for information of safety significance that requires NRC approval. The staff noted that they understood SNC's response, but noted that the statement in the submittal is confusing and cannot be used by the staff to support its safety finding. The staff noted that it would consider whether a request for additional information (RAI) is necessary.

Regarding the I&C discussion topic, the staff asked about how the design processes for the Diverse Actuation Systems (DAS) and Component Interface Module (CIM) would be addressed under the proposed license condition proposed in LAR 17-037. SNC noted that (1) the DAS was addressed in AP1000 Tier 1 information, and (2) SNC had considered the CIM to be part of the Protection and Safety Monitoring System (PMS), which they had previously identified as a design process covered by the license condition. The staff responded that it would proceed to issue this question as an RAI.

At the end of each topic discussed, there was an opportunity for the public to provide comments and ask questions. All comments and questions from members of the public were addressed before ending the meeting.

Docket Nos.: 052-025
052-026

Enclosures:
As stated

cc w/encls: See next page

SUMMARY OF A PUBLIC MEETING WITH SOUTHERN NUCLEAR OPERATING COMPANY
ON APRIL 19, 2018 DATED MAY 4, 2018.

DISTRIBUTION:

| | | | |
|------------------------|---------------------|--------------|---------------|
| PUBLIC | CPatel, NRO | PKallan, NRO | JFrost, NSIR |
| RidsOpaMail | BGleaves, NRO | BHughes, NRO | TLupold, NRO |
| RidsAcrsAcnwMailCenter | JHoellman, NRO | NRO_DNRL_LB4 | LKent, NRO |
| RidsOgcMailCenter | JDixon-Herrity, NRO | PHearn, NRO | ADias, NRO |
| RidsRgn2MailCenter | MComar, NRO | CWelch, NRO | RVettori, NRO |
| RidsNroDnrl | DHabib, NRO | ICozens, NRO | TDinh, NRO |
| DBarss, NSIR | JWilliams, NRO | NChien, NRO | JZhao, NRO |

ADAMS Accession No.: ML18123A489

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 | 5/4/18 | 5/3/18 | 5/4/18 | 5/4/18 |

OFFICIAL RECORD COPY

**AGENDA FOR PUBLIC MEETING
U.S. NUCLEAR REGULATORY COMMISSION (NRC)
Thursday, April 19, 2018
9:00 a.m. – 11:00 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 SNC Responses to Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Completion Notification (ICN) and Uncompleted ITAAC Notification (UIN) Comment Status Sheet | NRC/SNC |
| 9:30 a.m. | Opportunity for Public Comment | PUBLIC/NRC |
| 9:30 a.m. | Discussion of draft License Amendment Request (LAR) 18-015 | NRC/SNC |
| 10:00 a.m. | Opportunity for Public Comment | PUBLIC/NRC |
| 10:00 a.m. | Discussion of Topics Regarding LAR 17-037 | NRC/SNC |
| 11:00 a.m. | Opportunity for Public Comment | PUBLIC/NRC |
| 11:00 a.m. | Adjourn | |

Enclosure 1

PUBLIC MEETING
U.S. NUCLEAR REGULATORY COMMISSION
Thursday, April 19, 2018
9:00 a.m. – 11:00 a.m.

List of Attendees

| Name | Organization |
|---|--|
| Representing the Nuclear Regulatory Commission | |
| Jordan Hoellman | NRO/DNRL/LB4 |
| Chandu Patel | NRO/DNRL/LB4 |
| Jennifer Dixon-Herrity | NRO/DNRL/LB4 |
| Don Habib | NRO/DNRL/LB4 |
| Tim Lupold | NRO/DEI/MEB |
| Antonio Dias | NRO/DSRA/SPSB |
| Bob Vettori | NRO/DSRA/SPSB |
| Think Dinh | NRO/DSRA/SPSB |
| Lauren Kent | NRO/DCIP/HOIB |
| Chris Welch * | NRO/DCIP/HOIB |
| Ian Cozens * | NRO/DCIP/HOIB |
| Joe Williams | NRO/DSRA/ARPB |
| Jack Zhao | NRO/DEI/ICE |
| Danny Chien * | NRO/DSRA/SCVB |
| Dan Barss * | NSIR/DPR/RLB |
| John Frost * | NSIR |
| Representing Industry | |
| Jason Redd * | Southern Nuclear Operating Company (SNC) |
| Tom Hicks * | SNC |
| Amy Aughtman * | SNC |
| Wes Sparkman * | SNC |
| Neil Haggerty * | SNC |
| Adam Quarles | SNC |
| Duane Brock * | SNC |
| Keith Dorsey * | SNC |
| Ryan Linebarger * | SNC |
| Ted Amundson * | SNC |
| Tom Petrak * | SNC |
| Mike Yox * | SNC |
| Kara Stacy * | SNC |
| Representing Public | |
| Steve Franzone * | Florida Power & Light Company (FPL) |

| Name | Organization |
|---------------|--------------------------------|
| Rob Berg * | EPM |
| Bill Jacobs * | GA Public Service Commission |
| Russ Bell * | Nuclear Energy Institute (NEI) |

* = participated via teleconference

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
Document Control Coordinator
42 Inverness Center Parkway, Bin 237
Birmingham, AL 35242

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 03/13/2018)

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
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

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)

Vogle Units 3 & 4 Mailing List

kwaugh@impact-net.org (Kenneth O. Waugh)
lchandler@morganlewis.com (Lawrence J. Chandler)
Marc.Pickering@hq.doe.gov (Marc Pickering)
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)
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)