

February 11, 2016

MEMORANDUM TO: John McKirgan, Acting Chief  
Licensing Branch 4  
Division of New Reactor Licensing  
Office of New Reactors

FROM: William (Billy) Gleaves, Sr. 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 AND SOUTH CAROLINA ELECTRIC & GAS  
ON DECEMBER 3, 2015

The U.S. Nuclear Regulatory Commission (NRC) staff held a Category 2 public meeting with Southern Nuclear Operating Company (SNC) and South Carolina Electric & Gas (SCE&G) on December 3, 2015. 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, and SCE&G's Virgil C. Summer Nuclear Station (VCSNS) Units 2 and 3.

The meeting notice can be found in the Agencywide Documents Access and Management System (ADAMS) under accession number ML15322A066. 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:

- 1) Draft LAR submission on Wall 11  
Design related Changes (WEC LAR-30) – ML15334A305
- 2) Presentation on WEC LAR-30 (Open Portion) – ML15335A148

CONTACT: Billy Gleaves, NRO/DNRL  
(301) 415-5848

Summary of Meeting:

On December 3, 2015, staff from the NRC conducted a public meeting with representatives from SNC and SCE&G to discuss issues associated with the safety review of licensing actions for SNC's VEGP Units 3 and 4, and SCE&G's VCSNS Units 2 and 3. Specifically, the meeting discussed (1) the changes in Technical Specifications following the implementation of as-approved Core Reference Report (CRR) WCAP-17524 and (2) Draft license amendment request (LAR) (WEC LAR-30) regarding design related changes in Wall 11. Earlier, staff held public meetings in April and September 2015 to discuss the Wall 11 related changes.

In the open meeting, the first topic discussed related to pre-submittal information about an LAR for changes made in Technical Specifications for SNC/SCE&G (the licensees). The licensees discussed that Core Reference Report WCAP-17524, Revision 1 will be implemented as approved by NRC, resulting in changes to Technical Specifications. They stated that these changes are mostly editorial in nature. NRC noted that changes to surveillance requirements due to implementation of approved topical CRR also need to be reviewed.

The second topic discussed related to LAR-30 regarding Wall-11 design changes and the schedule of submission with respect to construction needs. WEC discussed the removal of the opening near the top of each main steam isolation valve (MSIV) compartment north wall, reconfiguration of Wall-11 reinforcing bars near main steam line penetrations. The removal of opening in Wall-11 facilitates meeting the 3-hour fire ratings requirement for the wall and eliminates an opening that would otherwise need to be protected from external missiles. It was discussed that removal of this vent opening does not result in changes in the roof or walls of MSIV sub-compartment. In support of LAR-30, the calculations consider the load combinations with the increased pressure of the MSIV sub-compartment.

The licensees discussed the use of a seismic Category-II (SC-II) structure as a protective structure against pipe whip in case of a high energy line break (HELB) event and tornado missiles. It was discussed that Wall 11.2 and other SC-II structures are designed to meet NRC requirements applicable to protective barrier design. Wall 11.2 is credited for taking pipe whip load of main steam lines whereas remaining HELB loads are considered in Wall 11 design. WEC and the licensees discussed that the use of SC-II structures as a protective function for maintaining their integrity during safe shutdown earthquake (SSE) event for not adversely affecting SC-I structures is consistent with proposed use of wall 11.2 as protective barrier.

At the end of the open portion of the meeting, there was an opportunity for the public to provide comments and ask questions. All comments and questions were addressed before ending the open portion of the meeting.

In closed portion of meeting, the staff and the licensees discussed the proprietary details of the reinforcement diagrams, including the design of the first bay missile barrier.

Docket Nos.: 052-025  
052-026  
052-027  
052-028

Enclosure:  
As stated

cc w/encls: See next page

In closed portion of meeting, the staff and the licensees discussed the proprietary details of the reinforcement diagrams, including the design of the first bay missile barrier.

Docket Nos.: 052-025  
052-026  
052-027  
052-028

Enclosure:  
As stated

cc w/encls: See next page

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NRC-001

OFFICE	PM: DNRL/LB4	LA: DNRL/LB4	(A)BC: DNRL/LB4	PM: DNRL/LB4
NAME	BGleaves (c)	RButler	JMcKirgan	BGleaves (s)
DATE	02/09/16	1/21/16	02/09/16	02/11/16

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**AGENDA FOR PUBLIC MEETING**  
**U.S. NUCLEAR REGULATORY COMMISSION (NRC)**

**Thursday, December 3, 2015**

**9:00 a.m. – 12:30 p.m.**

**PURPOSE:** To discuss issues associated with the safety review of licensing actions for SNC's Vogtle Electric Generating Plant (VEGP) Units 3 and 4, and SCE&G's Virgil C. Summer Nuclear Station (VCSNS) Units 2 and 3.

**OPEN**

<u>Time</u>	<u>Topic</u>	<u>Led By</u>
9:00 a.m.	Opening Remarks	NRC
9:05 a.m.	Open Portion:	
	Discussion on Technical Specification changes following the implementation of as-approved Core Reference Report	NRC/SNC/SCANA
	Discussion on Draft Licensing Amendment Request Submission on Wall 11 Design related Changes (WEC LAR-30)	NRC/SNC/SCANA/WEC
10:55 a.m.	Opportunity for Public Comment	PUBLIC / NRC
11:20 a.m.	Closed Portion:	
	Discussion on Draft Licensing Amendment Request Submission on Wall 11 Design related Changes (WEC LAR-30)	NRC/SNC/SCANA/WEC
12:25 p.m.	Conclusion/Document Actions Meeting Concludes	NRC
12:30 p.m.	Adjourn	

**PUBLIC MEETING**  
**UNITED STATES NUCLEAR REGULATORY COMMISSION**  
**Thursday, December 03, 2015**  
**9:00 a.m. – 12:30 p.m.**

**List of Attendees**

<b>Name</b>	<b>Organization</b>
<b>Representing the Nuclear Regulatory Commission</b>	
Bill Gleaves	NRO/DNRL/LB4
Chandu Patel	NRO/DNRL/LB4
Paul Kallan	NRO/DNRL/LB4
Devendra Pimpale	NRO/DNRL/LB4
Thomas Fredette	NRO/DCIP/CIPB
Ryan Nolan	NRO/DSRA/SPSB
Pravin Patel	NRO/DEIA/SEB
Theodore (Bob) Tjader	NRO/DSRA/SPSB
Y.C.(Renee) Li	NRO/DEIA/MEB
Jason Huang	NRO/DEIA/MEB
Raul Hernandez	NRO/DSRA/SPSB
Sujit Samaddar	NRO/DEIA/SEB
<b>Representing Industry</b>	
Justin Bouknight	South Carolina Electric & Gas (SCE&G)
Stephen Mothenq	SCE&G
Mohamed Mory Diane	SCE&G
Jerrod Ewing*	SCE&G
Don Williamson*	SCE&G
Matt Kunkle*	SCE&G
Matthew Presson*	SCE&G
Jason Redd	Southern Nuclear Operating Company (SNC)
Eddie R. Grant	SNC
Tom McCallum	SNC
Bob Loubham	Westinghouse Electric Company (WEC)
Jessica Preston	WEC
Tod Baker	WEC
Zach Harper	WEC
Michael Bennett	WEC
Paul Russ	WEC

<b>Name</b>	<b>Organization</b>
Rick Easterling	WEC
Ryan Menzel	WEC
Brian McCulloch	WEC
Brian McIntyre	WEC
Bernd Laskewitz	WEC
<b>Representing Public</b>	
Sara Barczak *	Clean Energy
Steve Roetger*	GA Public Service Commission
Katherine Leigey*	GA Public Service Commission
Shemetha Jones*	Ga Public Service Commission
Allyn Powell*	South Carolina Office of Regulatory Staff
Ravi Joshi*	Public
William Jacobs*	Public
Steve Franzone	Florida Power and Light
Tom Fay	Public
Jim Scodell	Public
Corey Hozak	Public

\* = participated via teleconference

Vogtle Units 3 & 4 Mailing List  
cc:

(Revised 01/07/2016)

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

Mr. Joseph A. (Buzz) Miller  
Executive Vice President  
Southern Nuclear Operating Company  
241 Ralph McGill Blvd.  
BIN 10240  
Atlanta, GA 30308-3374

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

Resident Inspector  
Plant Vogtle 3&4  
7825 River Road  
Waynesboro, GA 30830

Southern Nuclear Op. Co.  
Document Control Coordinator  
42 Inverness Center parkway  
Attn: B236  
Birmingham, AL 35242

Mr. Barty Simonton  
Environmental Radiation Program Manager  
Environmental Protection Division  
Georgia Dept. of Natural Resources  
4224 International Pkwy, Suite 120  
Atlanta, GA 30354-3906

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

Gene Stilp  
1550 Fishing Creek Valley Road  
Harrisburg, PA 17112

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

Mr. Robert E. Sweeney  
IBEX ESI  
4641 Montgomery Avenue  
Suite 350  
Bethesda, MD 20814

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

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

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

Brian H. Whitley  
42 Inverness Center Parkway  
BIN B237  
Birmingham, AL 35242

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



## Vogtle Units 3 & 4 Mailing List

### Email

agaughtm@southernco.com (Amy Aughtman)  
annacom@westinghouse.com (Michael J. Annacone)  
awc@nei.org (Anne W. Cottingham)  
Bartley.Higgins@hq.doe.gov (Bartley Higgins)  
becky@georgiawand.org (Becky Rafter)  
bhwhitle@southernco.com (Brian Whitley)  
Bill.Jacobs@gdsassociates.com (Bill Jacobs)  
bjadams@southernco.com (Brad Adams)  
burrouno@westinghouse.com (Nicholle Burroughs)  
bwwaites@southernco.com (Brandon Waites)  
castelca@westinghouse.com (Curtis Castell)  
comerj@westinghouse.com (James Comer)  
couturf@westinghouse.com (Gerald Couture)  
crenshjw@westinghouse.com (John Crenshaw)  
crpierce@southernco.com (C.R. Pierce)  
cwaltman@roe.com (C. Waltman)  
dahjones@southernco.com (David Jones)  
david.hinds@ge.com (David Hinds)  
david.lewis@pillsburylaw.com (David Lewis)  
david.siefken@hq.doe.gov (David Siefken)  
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)  
G2NDRMDC@southernco.com (SNC Document Control)  
graysw@westinghouse.com (Scott W. Gray)  
james1.beard@ge.com (James Beard)  
jamiller@southernco.com (Buzz Miller)  
jannina.blanco@pillsburylaw.com (Jannina Blanco)  
jantol1dj@westinghouse.com (David Jantosik)  
jbtomase@southernco.com (Janice Tomasello)  
jenmorri@southernco.com (Jennifer Buettner)  
jim@ncwarn.org (Jim Warren)  
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

kim.haynes@opc.com (Kim Haynes)  
kmseiber@southernco.com (Kristin Seibert)  
kmstacy@southernco.com (Kara Stacy)  
KSutton@morganlewis.com (Kathryn M. Sutton)  
kwaugh@impact-net.org (Kenneth O. Waugh)  
lchandler@morganlewis.com (Lawrence J. Chandler)  
ldperry@southernco.com (Leigh D. Perry)  
markus.popa@hq.doe.gov (Markus Popa)  
mcintyba@westinghouse.com (Brian McIntyre)  
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)  
randall@nexusamllc.com (Randall Li)  
rhenry@ap.org (Ray Henry)  
rjarrett@southernco.com (Robyn Jarrett)  
RJB@NEI.org (Russell Bell)  
Ronald.Jones@scana.com (Ronald Jones)  
russpa@westinghouse.com (Paul Russ)  
rwink@ameren.com (Roger Wink)  
sabinski@suddenlink.net (Steve A. Bennett)  
sara@cleanenergy.org (Sara Barczak)  
sblanton@balch.com (Stanford Blanton)  
sfrantz@morganlewis.com (Stephen P. Frantz)  
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)  
taterrel@southernco.com (Todd Terrell)  
Tom.Bilik@nrc.gov (Thomas Bilik)  
TomClements329@cs.com (Tom Clements)  
Vanessa.quinn@dhs.gov (Vanessa Quinn)  
Wanda.K.Marshall@dom.com (Wanda K. Marshall)  
wasparkm@southernco.com (Wesley A. Sparkman)

## Vogle Units 3 & 4 Mailing List

wayne.marquino@ge.com (Wayne Marquino)  
weave1dw@westinghouse.com (Doug Weaver)  
x2gabeck@southernco.com (Gary Becker)

COL SCE&G – VC Summer Mailing List  
cc:

(Revised 01/07/2016)

Mr. Jeffrey B. Archie  
Sr. Vice President, Nuclear Operations  
South Carolina Electric & Gas Company  
MC D304  
220 Operation Way  
Cayce, SC 29033-3172

Gregrey Ginyard  
366 Lakeview Drive  
Jenkinsville, SC 29065

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. Barty Simonton  
Environmental Radiation Program Manager  
Environmental Protection Division  
Georgia Dept. of Natural Resources  
4224 International Pkwy, Suite 120  
Atlanta, GA 30354-3906

Ms. Gidget Stanley-Banks  
Director  
Allendale County EPA  
426 Mullberry Street  
Allendale, SC 29810

Ms. Ruth Thomas  
Environmentalists Inc.  
354 Woodland Dr  
Columbus, NC 28722

## COL SCE&G – VC Summer Mailing List

### Email

abynum@scana.com (Al Bynum)  
ALPUGH@southernco.com (Amanda Pugh)  
andy.barbee@scana.com (Andy Barbee)  
annacom@westinghouse.com (Michael J. Annacone)  
arice@scana.com (April R. Rice)  
awc@nei.org (Anne W. Cottingham)  
baucomc@westinghouse.com (Charles T. Baucom)  
bedforbj@westinghouse.com (Brian Bedford)  
Bill.Jacobs@gdsassociates.com (Bill Jacobs)  
burrouno@westinghouse.com (Nicholle Burroughs)  
castelca@westinghouse.com (Curtis Castell)  
churchcd@westinghouse.com (Carl D. Churchman)  
coleja@westinghouse.com (Joseph Cole)  
comerj@westinghouse.com (James Comer)  
crenshjw@westinghouse.com (John Crenshaw)  
cwalzman@roe.com (C. Walzman)  
david.lewis@pillsburylaw.com (David Lewis)  
DCRM-EDMS@SCANA.COM  
dgriffin@scana.com (Donna S. Griffin)  
durhamdc@westinghouse.com (David Durham)  
ed.burns@earthlink.net (Ed Burns)  
fbelser@regstaff.sc.gov  
Garrett.Sanders@SCANA.com (Garrett Sanders)  
gary@jonespartners.net (Gary Jones)  
George\_Stramback@Charter.net (George Stramback)  
gkokolis@regstaff.sc.gov (George Kokolis)  
gsoult@regstaff.sc.gov (Gene G. Soult)  
jannina.blanco@pillsburylaw.com (Jannina Blanco)  
jantol1dj@westinghouse.com (David Jantosik)  
jarchie@scana.com (Jeffrey B. Archie)  
Jeff.hawkins@fluour.com (Jeff Hawkins)  
jenkinse@dhec.sc.gov (Susan Jenkins)  
jflitter@regstaff.sc.gov  
Joseph\_Hegner@dom.com (Joseph Hegner)  
justin.bouknight@scana.com (Justin R. Bouknight)  
karlg@att.net (Karl Gross)  
Katie.brown@scana.com (Katie Brown)  
kdfili@southernco.com (Karen Fili)  
kinneyrw@dhec.sc.gov (Ronald Kinney)  
kmstacy@southernco.com (Kara Stacy)  
kroberts@southernco.com (Kelli Roberts)  
KSutton@morganlewis.com (Kathryn M. Sutton)  
kwaugh@impact-net.org (Kenneth O. Waugh)  
lchandler@morganlewis.com (Lawrence J. Chandler)

## COL SCE&G – VC Summer Mailing List

majames@regstaff.sc.gov (Anthony James)  
mcintyba@westinghouse.com (Brian McIntyre)  
media@nei.org (Scott Peterson)  
MSF@nei.org (Marvin Fertel)  
Nicholas.Kellenberger@scana.com (Nicholas Kellenberger)  
nirsnet@nirs.org (Michael Mariotte)  
Nuclaw@mindspring.com (Robert Temple)  
patriciaL.campbell@ge.com (Patricia L. Campbell)  
paul.mothena@scana.com (Paul Mothena)  
Paul@beyondnuclear.org (Paul Gunter)  
pbessette@morganlewis.com (Paul Bessette)  
porterhj@dhec.sc.gov (Henry Porter)  
r.joshi15@comcast.net (Ravi Joshi)  
randall@nexusamllc.com (Randall Li)  
RJB@NEI.org (Russell Bell)  
Ronald.Jones@scana.com (Ronald Jones)  
russpa@westinghouse.com (Paul Russ)  
rwink@ameren.com (Roger Wink)  
sabinski@suddenlink.net (Steve A. Bennett)  
sara@cleanenergy.org (Sara Barczak)  
sburdick@morganlewis.com (Stephen Burdick)  
sbyrne@scana.com (Stephen A. Byrne)  
sfrantz@morganlewis.com (Stephen P. Frantz)  
shudson@regstaff.sc.gov (Shannon Hudson)  
solleyda@dhec.sc.gov (David Solley)  
stephan.moen@ge.com (Stephan Moen)  
TGATLIN@scana.com (Thomas Gatlin)  
threatsj@dhec.sc.gov (Sandra Threatt)  
tom.miller@hq.doe.gov (Tom Miller)  
TomClements329@cs.com (Tom Clements)  
Vanessa.quinn@dhs.gov (Vanessa Quinn)  
vcsnrc@scana.com (NRC Senior Resident Inspector  
Wanda.K.Marshall@dom.com (Wanda K. Marshall)  
weave1dw@westinghouse.com (Doug Weaver)  
William.Cherry@scana.com (William Cherry)  
wmcherry@santeecooper.com (Marion Cherry)