

October 30, 2015

MEMORANDUM TO: Lawrence J. Burkhart, Chief  
Licensing Branch 4 (LB4)  
Division of New Reactor Licensing  
Office of New Reactors

FROM: Jordan Hoellman, Project Manager */RA/*  
Licensing Branch 4 (LB4)  
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 SEPTEMBER 10, 2015

The U.S. Nuclear Regulatory Commission (NRC) staff held a Category 2 public meeting with Westinghouse (WEC), Southern Nuclear Operating Company (SNC) and South Carolina Electric & Gas (SCE&G) on September 10, 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 ML15230A540. 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 document referenced during the discussion can be found at the ADAMS Accession Numbers given below:

- Draft RAIs regarding clarification on supplemental requirements for Mechanical Coupler welds for steel structures related to LAR-15-010 – ML15252A464

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

Summary of Meeting:

On September 10, 2015, staff from the NRC conducted a public meeting with representatives from WEC, 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 draft requests for additional information (RAIs) regarding clarifications about license amendment request (LAR) LAR-15-010 (WEC LAR No. 111), supplemental requirements for mechanical coupler weld acceptability.

In the meeting, five draft RAI questions were discussed. Each question was presented to the licensees and WEC to ensure they understood the additional information the staff was requesting. After all the clarifications about the questions were resolved, the licensees and WEC provided the quantitative and qualitative explanations to these RAIs, as applicable. In a response to RAI-1, the licensees will provide the percentage of welds fabricated with different welding processes and clarification that the tests welds are representative of production welds.

In response to RAI-2 about service temperatures seen by welds as compared to test conditions, the staff requested that the licensees provide a detailed qualitative justification stating compliance with code requirements and the basis for why the welds remain in elastic range of stress under all service conditions.

In response to RAI-3 about the state of stress in the attachment welds at 125% times the yield strength and area of the rebar, NRC discussed that comparing the shear stress of the attachment weld to the yield stress of the weld material (developed from tensile testing) may not be appropriate and requested that the licensees provide an evaluation with comparative stress component, that is, comparing the shear stress of the attachment weld to the shear stress of the weld material.

In response to RAI-4, the licensees noted that they will provide clarifications on the method used to determine the factor of safety between the weld stress at 125% of the specified yield strength of the rebar. NRC staff asked that the information already included in audited test reports be docketed.

In response to RAI-5 about the testing of an additional test sample (FW-57/FW57B), the licensees noted that improper engagement of the coupler threads led to the failure, and an additional test sample was tested for correct engagement of threads. NRC staff requested that these records be provided to WEC office for NRC audit.

The licensees stated that they will submit a supplement to LAR-15-010 to address the draft RAIs, and therefore, formal RAIs will not be issued. NRC staff noted that the response to RAI-3 would require changes to information in LAR-15-010, and the original LAR text would need to be revised in the supplement.

L. Burkhart

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At the end 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 meeting.

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

Enclosure:  
As stated

cc w/encls: See next page

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Docket Nos.: 052-025  
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052-028

Enclosure:  
As stated

cc w/encls: See next page

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NRC-001

OFFICE	PM:DNRL/LB4	LA:DNRL/LB4	BC:DNRL/LB4	PM:DNRL/LB4
NAME	JHoellman (c)	ARedden	LBurkhart (c)	JHoellman (s)
DATE	10/29/2015	10/28/2015	10/30/ 2015	10/30/2015

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

**Thursday, September 10, 2015**

**9:00 a.m. – 10:30 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, and South Carolina Electric & Gas's (SCE&G) 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	Draft RAIs regarding clarifications on supplemental requirements for Mechanical Coupler of welds of steel structures related to LAR-15-010	NRC/WEC/SNC/SCANA
10:00 a.m.	Opportunity for Public Comment	PUBLIC
10:15 a.m.	Conclusion/Document Actions	NRC
10:20 a.m.	Meeting Concludes	NRC
10:30 a.m.	Adjourn	

**PUBLIC MEETING**  
**UNITED STATES NUCLEAR REGULATORY COMMISSION**  
**Thursday, September 10, 2015**  
**9:00 a.m. – 10:30 a.m.**

**List of Attendees**

Name	Organization
<b>Representing the Nuclear Regulatory Commission</b>	
Lawrence Burkhart	NRO/DNRL/LB4
Chandu Patel	NRO/DNRL/LB4
Denise McGovern*	NRO/DNRL/LB4
Paul Kallan	NRO/DNRL/LB4
Ruth Reyes*	NRO/DNRL/LB4
Matt Mitchell	NRO/DE/MCB
Eric Reichelt	NRO/DE/MCB
Robert Roche	NRO/DE/SEB
Ata Istar	NRO/DE/SEB
Nicholas McMurray	NRO/DE/MCB
John Honcharik	NRO/DE/MCB
Jamie Heisserer*	RII/DCI/CIB2
Jordan Hoellman	NRO/DNRL/LB4
Devendra Pimpale	NRO/DNRL/LB4
<b>Representing Industry</b>	
Justin Bouknight*	South Carolina Electric & Gas (SCE&G)
Kyle Young*	SCE&G
Matt Kunkle*	SCE&G
Mory Diane*	SCE&G
Jerrold Ewing*	SCE&G
Jason Redd*	Southern Nuclear Operating Company (SNC)
Neil Haggerty*	SNC / EXCEL
Wes Sparkman*	SNC
Amanda Pugh*	SNC
Jeremiah Haswell*	SNC
Michael Miller*	Westinghouse Electric Company (WEC)
Matt Engle*	WEC

Name	Organization
Jon Kirkwood*	WEC
Kai Zhang*	WEC
Jim Mermigos*	WEC
<b>Representing Public</b>	
Sara Barczak *	Clean Energy
Steve Roetger*	Public Service Commission

\* = participated via teleconference

Vogtle Units 3 & 4 Mailing List

(Revised 10/01/2015)

cc:

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

Elaine Sikes  
Burke County Library  
130 Highway 24 South  
Waynesboro, GA 30830

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

Mr. Jerry Smith  
Commissioner  
District 8  
Augusta-Richmond County Commission  
1332 Brown Road  
Hephzibah, GA 30815

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

Gene Stilp  
1550 Fishing Creek Valley Road  
Harrisburg, PA 17112

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

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

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

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

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

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

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

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

## Vogtle Units 3 & 4 Mailing List

### Email

agaughtm@southernco.com (Amy Aughtman)  
awc@nei.org (Anne W. Cottingham)  
Bartley.Higgins@hq.doe.gov (Bartley Higgins)  
becky@georgiawand.org (Becky Rafter)  
bhwhite@southernco.com (Brian Whitley)  
Bill.Jacobs@gdsassociates.com (Bill Jacobs)  
bill.wood@cbi.com (Bill Wood)  
bjadams@southernco.com (Brad Adams)  
bwwaites@southernco.com (Brandon Waites)  
collinlj@westinghouse.com (Leslie Collins)  
couturgf@westinghouse.com (Gerald Couture)  
crpierce@southernco.com (C.R. Pierce)  
curtis.castell@cbi.com (Curtis Castell)  
curtis.castell@cbi.com (Curtis Castell)  
cwaltman@roe.com (C. Waltman)  
dahjones@southernco.com (David Jones)  
david.hinds@ge.com (David Hinds)  
david.jantosik@cbi.com (David Jantosik)  
david.lewis@pillsburylaw.com (David Lewis)  
david.siefken@hq.doe.gov (David Siefken)  
delongra@westinghouse.com (Rich DeLong)  
dgbost@southernco.com (Danny Bost)  
difulton@southernco.com (Dale Fulton)  
drculver@southernco.com (Randy Culver)  
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)  
james.comer@cbi.com (James Comer)  
james1.beard@ge.com (James Beard)  
jamiller@southernco.com (Buzz Miller)  
jannina.blanco@pillsburylaw.com (Jannina Blanco)  
jbtomase@southernco.com (Janice Tomasello)  
jeff.lyash@cbi.com (Jeff Lyash)  
jenmorri@southernco.com (Jennifer Buettner)  
jim@ncwarn.org (Jim Warren)  
jlhall@southernco.com (Jennifer Hall)  
john.simmons@cbi.com (John A. Simmons)

## Vogtle Units 3 & 4 Mailing List

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)  
kelly.trice@cbi.com (Kelly Price)  
ken.hollenbach@cbi.com (Kenneth W. Hollenbach)  
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.annacone@cbi.com (Michael Annacone)  
michael.annacone@cbi.com (Michael J. Annacone)  
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)  
nicholle.burroughs@cbi.com (Nicholle Burroughs)  
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)

## Vogtle Units 3 & 4 Mailing List

shhuling@southernco.com (Steven Huling)  
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)  
virgil.barton@cbi.com (Virgil Barton)  
Wanda.K.Marshall@dom.com (Wanda K. Marshall)  
wasparkm@southernco.com (Wesley A. Sparkman)  
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 10/01/2015)

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

Ms. Sara Barczak  
Southern Alliance for Clean Energy  
P.O. Box 1842  
Knoxville, TN 37901

Gregrey Ginyard  
366 Lakeview Drive  
Jenkinsville, SC 29065

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

Ms. Ruth Thomas  
Environmentalists Inc.  
1339 Sinkler Road  
Columbus, SC 29206

## COL SCE&G – VC Summer Mailing List

### Email

abynum@scana.com (Al Bynum)  
amonroe@scana.com (Amy Monroe)  
andy.barbee@scana.com (Andy Barbee)  
April.Rice@scana.com (April Rice)  
arice@scana.com (April R. Rice)  
awc@nei.org (Anne W. Cottingham)  
bedforbj@westinghouse.com (Brian Bedford)  
Bill.Jacobs@gdsassociates.com (Bill Jacobs)  
bill.wood@cbi.com (Bill Wood)  
charles.baucom@cbi.com (Charles T. Baucom)  
christina.barnett@scana.com (Christina Barnett)  
collinlj@westinghouse.com (Leslie Collins)  
CumminWE@Westinghouse.com (Edward W. Cummins)  
curtis.castell@cbi.com (Curtis Castell)  
cwaltman@roe.com (C. Waltman)  
david.jantosik@cbi.com (David Jantosik)  
david.lewis@pillsburylaw.com (David Lewis)  
DCRM-EDMS@SCANA.COM  
delongra@westinghouse.com (Rich DeLong)  
dgriffin@scana.com (Donna S. Griffin)  
ed.burns@earthlink.net (Ed Burns)  
ewingja@westinghouse.com (Jerrod Ewing)  
fbelser@regstaff.sc.gov  
gary@jonespartners.net (Gary Jones)  
George\_Stramback@Charter.net (George Stramback)  
gkokolis@regstaff.sc.gov (George Kokolis)  
gsoult@regstaff.sc.gov (Gene G. Soult)  
james.comer@cbi.com (James Comer)  
jannina.blanco@pillsburylaw.com (Jannina Blanco)  
jarchie@scana.com (Jeffrey B. Archie)  
jeff.lyash@cbi.com (Jeff Lyash)  
jenkinse@dhec.sc.gov (Susan Jenkins)  
jflitter@regstaff.sc.gov  
john.simmons@cbi.com (John A. Simmons)  
Joseph\_Hegner@dom.com (Joseph Hegner)  
justin.bouknight@scana.com (Justin R. Bouknight)  
karlg@att.net (Karl Gross)  
kelly.trice@cbi.com (Kelly Price)  
ken.hollenbach@cbi.com (Kenneth W. Hollenbach)  
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)

## COL SCE&G – VC Summer Mailing List

lchandler@morganlewis.com (Lawrence J. Chandler)  
majames@regstaff.sc.gov (Anthony James)  
mcintyba@westinghouse.com (Brian McIntyre)  
media@nei.org (Scott Peterson)  
michael.annacone@cbi.com (Michael Annacone)  
MSF@nei.org (Marvin Fertel)  
nicholle.burroughs@cbi.com (Nicholle Burroughs)  
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@nexusamlc.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)  
virgil.barton@cbi.com (Virgil Barton)  
Wanda.K.Marshall@dom.com (Wanda K. Marshall)  
weave1dw@westinghouse.com (Doug Weaver)  
William.Cherry@scana.com (William Cherry)  
wmcherry@santeecooper.com (Marion Cherry)