

August 13, 2014

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

FROM: Ruth C. Reyes, Project Manager **/RA/**
Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: SUMMARY OF PUBLIC MEETING WITH SOUTHERN NUCLEAR
COMPANY AND SOUTH CAROLINA ELECTRIC & GAS ON
JULY 3, 2014

The U.S. Nuclear Regulatory Commission (NRC) held a Category 2 public meeting with Southern Nuclear Operating Company (SNC) and South Carolina Electric & Gas (SCE&G) on July 3, 2014. The topic of the discussion was SNC's response to the staff's Request for Additional Information (RAI) Letter No. 1 related to the Fukushima Near Term Task Force (NTTF) Recommendation 4.2, "Mitigating Strategies for Beyond-Design-Basis External Events." A portion of the meeting was closed to members of the public because some of the information associated with the RAI response that was discussed at the meeting is proprietary.

Enclosures 1 and 2 are the meeting agenda and attendance list for the meeting. The other documents referenced during the discussion can be found at the Agencywide Documents Access and Management System Accession Numbers given below:

- | | |
|---------------------------------------|---------------|
| 1) NRC RAI Letter No. 1 | - ML14083A636 |
| 2) SNC's response to RAI Letter No. 1 | - ML14119A250 |

Summary of Meeting:

On April 4, 2014 the NRC staff issued RAI Letter No. 1 related to Fukushima NTTF Recommendation 4.2. On April 29, 2014, SNC submitted a response to the NRC's RAI.

CONTACT: Ruth C. Reyes, NRO/DNRL
(301) 415-3249

On July 3, 2014, staff from the NRC conducted a public meeting with representatives from SNC and SCE&G to discuss SNC's response to staff's RAI Letter No. 1 regarding Fukushima NTTF Recommendation 4.2. The purpose of the meeting was to clarify and discuss three questions the staff had on SNC's response. The first topic discussed was the core cooling description, in the event of a beyond-design-basis external event. SNC clarified that a more extensive description was provided in SNC's response to RAI Letter No. 2, dated June 19, 2014, ADAMS Accession No. ML14170A216. The second topic discussed was the required documentation in the Vogtle Units 3 and 4 Updated Final Safety Analysis Report regarding post 72 hours actions. An agreement was not established on what documentation is required, and the staff agreed to talk to staff in the Office of Nuclear Reactor Regulation to further discuss this topic. The last topic discussed at the meeting was the reference in SNC's response to an Electric Power Research Institute (EPRI) report to be utilized to ensure the functional capability of the portable offsite pumps. The staff asked where (in a licensing basis document) it is documented that the EPRI report will be utilized. SNC responded that a staff's audit report will address this issue.

The NRC then invited the public to comment on the discussion, no questions or comments were provided.

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

Enclosures:
As stated

cc w/encls: See next page

On July 3, 2014, staff from the NRC conducted a public meeting with representatives from SNC and SCE&G to discuss SNC's response to staff's RAI Letter No. 1 regarding Fukushima NTTF Recommendation 4.2. The purpose of the meeting was to clarify and discuss three questions the staff had on SNC's response. The first topic discussed was the core cooling description, in the event of a beyond-design-basis external event. SNC clarified that a more extensive description was provided in SNC's response to RAI Letter No. 2, dated June 19, 2014, ADAMS Accession No. ML14170A216. The second topic discussed was the required documentation in the Vogtle Units 3 and 4 Updated Final Safety Analysis Report regarding post 72 hours actions. An agreement was not established on what documentation is required, and the staff agreed to talk to staff in the Office of Nuclear Reactor Regulation to further discuss this topic. The last topic discussed at the meeting was the reference in SNC's response to an Electric Power Research Institute (EPRI) report to be utilized to ensure the functional capability of the portable offsite pumps. The staff asked where (in a licensing basis document) it is documented that the EPRI report will be utilized. SNC responded that a staff's audit report will address this issue.

The NRC then invited the public to comment on the discussion, no questions or comments were provided.

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

Enclosures:
As stated

cc w/encls: See next page

Distribution:

NRO_DNRL_LB4	JBeardsley	MBrown
RidsOpaMail	MSutton	TFredette
RidsAcrsAcnwMailCenter	BBavol	DAyres
RidsOgcMailCenter	BAnderson	RidsRgn2MailCenter
JFuller	RButler	
RidsNroDnrl	SBurnell	
RJoshi	DMcGovern	
LBurkhart	DJaffe	
JMunday	GKhouri	

ADAMS ACCESSION NO.: ML14199A710

OFFICE	LA:DNRL/LB4	PM:DNRL/LB4	BC:DNRL/LB4
NAME	RButler	RReyes	LBurkhart
DATE	07/22/14	07/23/14	08/13/14

OFFICIAL RECORD COPY

AGENDA FOR PUBLIC MEETING

U.S. NUCLEAR REGULATORY COMMISSION (NRC)

Thursday, July 3, 2014

OPEN

9:00 a.m. – 10:00 a.m.

CLOSED

10:15 a.m. – 11:00 a.m.

PURPOSE: To discuss resolution of issues to support the safety review of licensing actions for Southern Nuclear Operating Company's (SNC) Vogtle Electric Generating Plant, Units 3 and 4 and South Carolina Electric & Gas' (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.	Discussion of SNC LAR14-001	NRC/SNC
9:45 a.m.	Opportunity for Public Comment	PUBLIC
9:55 a.m.	Document Actions	NRC/SCE&G/SNC
10:00 a.m.	Open Portion Concludes	

CLOSED

10:15 a.m.	Closed Discussion of VCSNS LAR 14-001	NRC/SCE&G
11:00 a.m.	Document Actions	NRC/SCE&G/SNC

LIST OF MEETING ATTENDEES
Thursday, July 3, 2014

Nuclear Regulatory Commission

R. Reyes
K. Finn
J. Hoellman
D. Jaffe
T. Scarbrough
Y. Law
R. Joshi*
J. Strnisha*

Southern Nuclear Operating Company*

J. Giddins
B. Meadors
T. Hicks

Public*

D. Solley

* = participated via teleconference

Vogtle Units 3 & 4 Mailing List
cc:

(Revised 06/05/2014)

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

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

Southern Nuclear Op. Co.
Document Control Coordinator
42 Inverness Center parkway
Attn: B236
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. James C. Hardeman
Environmental Radiation Program Manager
Environmental Protection Division
Georgia Dept. of Natural Resources
4220 International Pkwy, Suite 100
Atlanta, GA 30354-3906

B. L. Ivey
VP, Regulatory Affairs
Southern Nuclear Operating Company
40 Inverness Center Parkway, B022
Birmingham, AL 35242

Stephen E. Kuczynski
Chairman, President and CEO
Southern Nuclear
P.O. Box 1295
Birmingham, AL 35201

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

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

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

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

Gene Stilp
1550 Fishing Creek Valley Road
Harrisburg, PA 17112

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

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

Vogle Units 3 & 4 Mailing List

Email

agaughtm@southernco.com (Amy Aughtman)
awc@nei.org (Anne W. Cottingham)
bhwhittle@southernco.com (Brian Whitley)
Bill.Jacobs@gdsassociates.com (Bill Jacobs)
blivey@southernco.com (Pete Ivey)
bob.masse@opc.com (Resident Manager)
bwwaites@southernco.com (Brandon Waites)
collinlj@westinghouse.com (Leslie Collins)
courtney@georgiawand.org (Courtney Hanson)
couturf@westinghouse.com (Gerald Couture)
crpierce@southernco.com (C.R. Pierce)
csguinn@southernco.com (Candace Guinn)
cwaltman@roe.com (C. Waltman)
dahjones@southernco.com (David Jones)
danawill@southernco.com (Dana Williams)
david.hinds@ge.com (David Hinds)
david.lewis@pillsburylaw.com (David Lewis)
david.siefken@hq.doe.gov (David Siefken)
delongra@westinghouse.com (Rich DeLong)
dgbost@southernco.com (Danny Bost)
dlfulton@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)
james1.beard@ge.com (James Beard)
jamiller@southernco.com (Buzz Miller)
jbtomase@southernco.com (Janice Tomasello)
jenmorri@southernco.com (Jennifer Buettner)
jim@ncwarn.org (Jim Warren)
jlhall@southernco.com (Jennifer Hall)
Joseph_Hegner@dom.com (Joseph Hegner)
jranalli@meagpower.org (Jerry Ranalli)
jrjohnso@southernco.com (Randy Johnson)
jtgasser@southernco.com (Jeff Gasser)
karen.patterson@ttnus.com (Karen Patterson)
karlg@att.net (Karl Gross)
Katherine.Janik@Hq.Doe.Gov (Katherine Janik)
kim.haynes@opc.com (Kim Haynes)
kmseiber@southernco.com (Kristin Seibert)
KSutton@morganlewis.com (Kathryn M. Sutton)
kwaugh@impact-net.org (Kenneth O. Waugh)

Vogtle Units 3 & 4 Mailing List

Ichandler@morganlewis.com (Lawrence J. Chandler)
ldperry@southernco.com (Leigh D. Perry)
maria.webb@pillsburylaw.com (Maria Webb)
markus.popa@hq.doe.gov (Markus Popa)
mcintyba@westinghouse.com (Brian McIntyre)
media@nei.org (Scott Peterson)
Melissa.Smith@Hq.Doe.Gov (Melissa Smith)
mike.price@opc.com (M.W. Price)
MSF@nei.org (Marvin Fertel)
myox@southernco.com (Mike Yox)
nirsnet@nirs.org (Michael Mariotte)
nlhender@southernco.com (Nancy Henderson)
Nuclaw@mindspring.com (Robert Temple)
patriciaL.campbell@ge.com (Patricia L. Campbell)
Paul@beyondnuclear.org (Paul Gunter)
pbessette@morganlewis.com (Paul Bessette)
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)
sblanton@balch.com (Stanford Blanton)
sfrantz@morganlewis.com (Stephen P. Frantz)
sjackson@meagpower.org (Steven Jackson)
skauffman@mpr.com (Storm Kauffman)
skuczyns@southernco.com (Steve Kuczynski)
sroetger@psc.state.ga.us (Steve Roetger)
stephan.moen@ge.com (Stephan Moen)
taterrel@southernco.com (Todd Terrell)
tlubnow@mpr.com (Tom Lubnow)
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)
wayne.marquino@ge.com (Wayne Marquino)
weave1dw@westinghouse.com (Doug Weaver)

COL SCE&G – VC Summer Mailing List
cc:

(Revised 07/17/2014)

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

Chairman
Fairfield County Council
Drawer 60
Winnsboro, SC 29180

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

COL SCE&G – VC Summer Mailing List

Email

abynum@scana.com (Al Bynum)
amonroe@scana.com (Amy Monroe)
andy.barbee@scana.com (Andy Barbee)
APAGLIA@Scana.com (Al Paglia)
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)
charles.baucom@cbi.com (Charles T. Baucom)
christina.barnett@scana.com (Christina Barnett)
collinlj@westinghouse.com (Leslie Collins)
CumminWE@Westinghouse.com (Edward W. Cummins)
cwaltman@roe.com (C. Waltman)
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)
gsoult@regstaff.sc.gov (Gene G. Soult)
hutchiwe@westinghouse.com (William Hutchins)
jarchie@scana.com (Jeffrey B. Archie)
jenkinse@dhec.sc.gov (Susan Jenkins)
jflitter@regstaff.sc.gov
Joseph_Hegner@dom.com (Joseph Hegner)
karlg@att.net (Karl Gross)
kinneyrw@dhec.sc.gov (Ronald Kinney)
KSutton@morganlewis.com (Kathryn M. Sutton)
kwaugh@impact-net.org (Kenneth O. Waugh)
lchandler@morganlewis.com (Lawrence J. Chandler)
majames@regstaff.sc.gov (Anthony James)
maria.webb@pillsburylaw.com (Maria Webb)
mcintyba@westinghouse.com (Brian McIntyre)
media@nei.org (Scott Peterson)
MSF@nei.org (Marvin Fertel)
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)

COL SCE&G – VC Summer Mailing List

pbessette@morganlewis.com (Paul Bessette)
porterhj@dhec.sc.gov (Henry Porter)
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)
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)