

November 17, 2017

Mr. Brian H. Whitley, Director
Regulatory Affairs
Southern Nuclear Operating Company, Inc.
42 Inverness Center Parkway, B022
Birmingham, AL 352242

SUBJECT: VOGTLE ELECTRIC GENERATING PLANT UNITS 3 AND 4 — ISSUANCE OF
AMENDMENTS AND GRANTING OF EXEMPTIONS REGARDING THE
ADDITION OF STEAM GENERATOR SYSTEM THERMAL RELIEF VALVES
(CAC NO. RP9621)

Dear Mr. Whitley:

In response to your application dated April 21, 2017, revised on August 15, 2017, and supplemented by letter on September 18, 2017, the U.S. Nuclear Regulatory Commission has hereby granted the enclosed Exemptions and issued the enclosed Amendment Nos. 99 and 98 to Combined Licenses (COL) Nos. NPF-91 and NPF-92 for the Vogtle Electric Generating Plant (VEGP) Units 3 and 4, respectively. The requested amendment proposes changes to plant-specific Tier 1 information and corresponding changes to Appendix C. Specifically, the licensee proposes changes to plant-specific Tier 1, Table 2.2.4-1 and Figure 2.2.4-1 (Sheets 1 and 2) and corresponding changes to Appendix C to install two main feedwater thermal relief valves and two start-up feedwater thermal relief valves. The main feedwater thermal relief valves will be added to the main feedwater line between the main feedwater isolation valves and main feedwater control valves. The startup feedwater thermal relief valves will be added between the startup feedwater isolation valves and startup feedwater control valves. The proposed plant-specific Design Control Document (PS-DCD) Tier 1 information and corresponding changes to Appendix C require additional changes to corresponding Tier 2 information in the Updated Final Safety Analysis Report, Chapter 3, "Design of Structures, Components, Equipment, and Systems," and Chapter 10, "Steam and Power Conversion."

The amendment allows departures from the incorporated PS-DCD Tier 2 information. The exemption allows changes that impact Tier 1 of the PS-DCD and Appendix C of the COL, as specified in license amendment request (LAR) 17-012. This exemption is necessary for the granting of LAR 17-012, which is being issued concurrently with this exemption.

A copy of the related Safety Evaluation, which includes the evaluation of the amendment and exemption, is also enclosed. The notice of issuance of the amendment and the exemption documents included in this letter will be published in the *Federal Register*.

Sincerely,

/RA/

Paul Kallan, Senior Project Manager
Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

Docket Nos.: 52-025
52-026

Enclosures:

1. Exemption for License Amendment No. 99
for VEGP Unit 3 COL
2. Exemption for License Amendment No. 98
for VEGP Unit 4 COL
3. Amendment No. 99 to NPF-91
4. Amendment No. 98 to NPF-92
5. Safety Evaluation

cc: See next page

SUBJECT: VOGTLE ELECTRIC GENERATING PLANT UNITS 3 AND 4 — ISSUANCE OF AMENDMENT AND GRANTING OF EXEMPTION RE: ADDITION OF STEAM GENERATOR SYSTEM (SGS) THERMAL RELIEF VALVES (CAC NO. RP9621) DATED NOVEMBER 17, 2017

DISTRIBUTION:

Public	TLupold	ADias
RidsNroDnrlLB4	RidsOgcMailCenter	RidsAcrcAcnwMailCenter
RidsRgn2MailCenter	RidsNroDnrl	RidsOgcMailCenter
CPatel	JDixon-Herrity	PKallan

ADAMS Accession No.: ML17263A070 - Package *via e-mail NRO-008

OFFICE	DNRL/LB4:LA	DNRL/LB4:PM	NRO/MEB:BC	NRO/SPSB:BC	DNRL/LB4:PM
NAME	RButler	PKallan (c)	TLupold	ADias	CPatel
DATE	10/03/17	11/17/17	11/16/17	11/16/17	11/17/17
OFFICE	OGC	DNRL/LB4:BC	NRO/DNRL:DD		
NAME	OMikula	JDixon-Herrity	FAkstuelwicz		
DATE	11/16/17	11/16/17	11/16/17		

OFFICIAL RECORD COPY

Vogtle Units 3 & 4 Mailing List

(Revised 09/18/2017)

cc:

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

Resident Inspector
Vogtle Plant Units 3 & 4
8805 River Road
Waynesboro, GA 30830

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

Mr. Barty Simonton
Team Leader
Environmental Radiation Program
Air Protection Branch
Environmental Protection Division
4244 International Parkway, Suite 120
Atlanta, GA 30354-3906

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

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

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

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

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

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

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

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

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

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

Vogle 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)
couturgf@westinghouse.com (Gerald Couture)
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)
dgbst@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)

Vogle Units 3 & 4 Mailing List

kim.haynes@opc.com (Kim Haynes)
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)
mcintyba@westinghouse.com (Brian McIntyre)
mdmeier@southernco.com (Mike Meier)
mdrauckh@southernco.com (Mark Rauckhorst)
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)
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)
tom.miller@hq.doe.gov (Tom Miller)
TomClements329@cs.com (Tom Clements)
Vanessa.quinn@dhs.gov (Vanessa Quinn)
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)