



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

October 22, 2019

Mr. Brian H. Whitley, Director
Regulatory Affairs
Southern Nuclear Operating Company, Inc.
3535 Colonnade Parkway, Bin N-226-EC
Birmingham, AL 35243

SUBJECT: VOGTLE ELECTRIC GENERATING PLANT, UNITS 3 AND 4 — ISSUANCE
OF AMENDMENTS RE: CREDITING PREVIOUSLY COMPLETED ADS
BLOWDOWN FIRST THREE PLANT TESTS (LAR 19-006) (EPID L-2019-LLA-
0096)

Dear Mr. Whitley:

In response to your application dated April 26, 2019, the U.S. Nuclear Regulatory Commission has issued the enclosed Amendment Nos. 165 and 163 to Combined License (COL) Nos. NPF-91 and NPF-92 for the Vogtle Electric Generating Plant (VEGP) Units 3 and 4, respectively. The requested amendments credit the results of the design-specific pre-operational ADS Blowdown test performed in China on new AP1000 power reactor facilities at Sanmen Units 1 and 2 and Haiyang Unit 1 for use in developing the licensing bases for VEGP Units 3 and 4. The amendments consist of changes to the COL Conditions and Updated Final Safety Analysis Report (UFSAR).

The amendments authorize changes to the VEGP Units 3 and 4 UFSAR in the form of departures from the incorporated plant-specific Design Control Document Tier 2* and Tier 2 information related to the design-specific pre-operational Automatic Depressurization System Blowdown Test, described in UFSAR Subsections 14.2.5 and 14.2.9.1.3 as a first three plant only test. Specifically, these amendments authorize changes to COL Condition 2.D.(2)(a) to credit the previously completed ADS Blowdown first three plant only tests performed at the new AP1000 power reactor facilities at Sanmen Units 1 and 2 and Haiyang Unit 1 and revise the COL to delete conditions requiring that the design-specific pre-operational ADS Blowdown test be conducted on VEGP Units 3 and 4.

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

Sincerely,

/RA/

Chandu Patel, Senior Project Manager
Vogtle Licensing and ITAAC Branch
Vogtle Project Office
Office of Nuclear Reactor Regulation

Docket Nos.: 52-025
52-026

Enclosures:

1. Amendment No. 165 to VEGP Unit 3 COL
2. Amendment No. 163 to VEGP Unit 4 COL
3. Safety Evaluation

cc: See next page

SUBJECT: VOGTLE ELECTRIC GENERATING PLANT, UNITS 3 AND 4 — ISSUANCE
OF AMENDMENTS RE: CREDITING PREVIOUSLY COMPLETED ADS
BLOWDOWN FIRST THREE PLANT TESTS (LAR 19-006) (EPID L-2019-LLA-
0096) DATED OCTOBER 22, 2019

DISTRIBUTION:

Public	CPatel
RidsNroDLSELB2	RKaras
RidsOgcMailCenter	JDixon-Herrity
RidsAcrsAcnwMailCenter	TLupold
RidsRgn2MailCenter	KKavanagh
RidsNroDLSE	VHall
RidsOgcMailCenter	ASchiller

ADAMS Accession No.: ML19262F850 - Package
ML19262F859 (Non-Proprietary Safety Evaluation)
ML19290H179 (Proprietary Safety Evaluation)

*via e-mail

NRO-008

OFFICE	DLSE/LB2:LA	DLSE/LB2:PM	DSS/RSB:BC	DLSE/LB2:PM
NAME	RButler	ASchiller (c)	RKaras*	CPatel
DATE	9/25/19	9/25/19	9/26/19	10/22/19
OFFICE	OGC/NLO	DLSE/LB2:BC	DESR/MEB:BC	DIRS/IQVB:BC
NAME	OMikula*	JDixon-Herrity*	TScarbrough* for TLupold	KKavanagh*
DATE	10/10/19	9/25/19	9/25/19	9/25/19

OFFICIAL RECORD COPY

Vogtle Units 3 & 4 Mailing List

(Revised 08/13/2019)

cc:

Southern Nuclear Operating Company, Inc.
Document Control Coordinator Bin N-226-EC
3535 Colonnade Parkway
Birmingham, AL 35243

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

Brian H. Whitley
3535 Colonnade Parkway, Bin N-226-EC
42 Inverness Center Parkway, BIN B237
Birmingham, AL 35243

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

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

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

Vogtle Units 3 & 4 Mailing List

Email

acchambe@southernco.com (Amy Chamberlian)
agaughtm@southernco.com (Amy Aughtman)
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)
George.Taylor@opc.com (George Taylor)
graysw@westinghouse.com (Scott W. Gray)
jadwilli@southernco.com (J.D. Williams)
james1.beard@ge.com (James Beard)
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)
karen.patterson@ttnus.com (Karen Patterson)
karlg@att.net (Karl Gross)
kmstacy@southernco.com (Kara Stacy)
kroberts@southernco.com (Kelli Roberts)
KSutton@morganlewis.com (Kathryn M. Sutton)
kwaugh@impact-net.org (Kenneth O. Waugh)
markus.popa@hq.doe.gov (Markus Popa)
mdmeier@southernco.com (Mike Meier)
media@nei.org (Scott Peterson)

Vogtle Units 3 & 4 Mailing List

Melissa.Smith@Hq.Doe.Gov (Melissa Smith)
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)
Paul@beyondnuclear.org (Paul Gunter)
pbessette@morganlewis.com (Paul Bessette)
r.joshi15@comcast.net (Ravi Joshi)
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)
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)
William.Birge@hq.doe.gov (William Birge)
x2gabeck@southernco.com (Gary Becker)
x2kmseib@southernco.com (Kristin Seibert)