

December 31, 2013

Mr. B. L. Ivey, Vice President
Regulatory Affairs
Southern Nuclear Operating Company, Inc.
40 Inverness Center Parkway, B022
Birmingham, AL 35242

SUBJECT: ACCEPTANCE REVIEW OF SOUTHERN NUCLEAR OPERATING COMPANY'S
REQUEST FOR LICENSE AMENDMENT (LAR 13-034) FOR THE VOGTLE
ELECTRIC GENERATING PLANT UNITS 3 AND 4: RECLASSIFICATION OF
PORTIONS OF HUMAN FACTORS VERIFICATION AND VALIDATION
PLANNING DOCUMENTS (TAC NO. RP9482)

Dear Mr. Ivey:

By letter dated November 27, 2013 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML13331B502), Southern Nuclear Operating Company (SNC) submitted a license amendment request (LAR) to Combined License (COL) Numbers NPF-91 and NPF-92, for Vogtle Electric Generating Plant (VEGP) Units 3 and 4, respectively. The requested amendment reclassifies portions of the five Tier 2* Human Factors (HF) Verification and Validation (V&V) planning documents listed in the Updated Final Safety Analysis Report (UFSAR) Table 1.6-1 and Chapter 18, Subsection 18.11.2. These five documents outline the overall plan for HF V&V, including the Human Factors Engineering (HFE) design verification, task support verification, integrated system validation, discrepancy resolution process, and verification at plant startup. SNC stated that the requested amendment identifies the portions of the five HF V&V planning documents that would more appropriately be classified as Tier 2, due to those portions having no impact on safety, and proposes the necessary departures to reclassify this information. This differentiation between Tier 2 and Tier 2* information in the HF V&V planning documents will allow for revisions of these documents using the Tier 2 change process provided in Title 10 of the *Code of Federal Regulations* (10 CFR) Part 52, "Licenses, Certifications, and Approvals for Nuclear Power Plants," Appendix D, "Design Certification Rule for the AP1000 Design," Section VIII.B.5.

The purpose of this letter is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of this LAR. The acceptance review was performed to determine if there is sufficient technical information in scope and depth to allow the NRC staff to complete its detailed technical reviews. The acceptance review is also intended to identify whether the application has any readily apparent information insufficiencies in its characterization of the regulatory requirements or the licensing basis of the plant.

Consistent with Section 50.90 of the 10 CFR an amendment to the license must fully describe the changes requested, and follow as far as applicable, the form prescribed for original applications. Section 52.79 of the 10 CFR addresses content of technical information required. This section stipulates that the submittal address the design and operating characteristics, unusual or novel design features, and principal safety considerations.

B. L. Ivey

- 2 -

The NRC staff has reviewed your application and concluded that it does provide technical information in sufficient detail to enable the NRC staff to complete its detailed technical review and make an independent assessment regarding the acceptability, of the proposed amendment in terms of regulatory requirements and the protection of public health and safety and the environment.

Given the lesser scope and depth of the acceptance review as compared to the detailed technical review, there may be instances in which issues that impact the NRC staff's ability to complete the detailed technical review are identified despite completion of an adequate acceptance review. You will be advised of any further information needed to support the NRC staff's detailed technical review by separate correspondence.

If you have any questions, please contact me at (301) 415-6191 or Ravindra.Joshi@nrc.gov .

Sincerely,

/RA David H. Jaffe for:/

Ravindra Joshi, Senior Project Manager
Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

Docket Nos.: 52-025
52-026

cc: See next page

B. L. Ivey

- 2 -

The NRC staff has reviewed your application and concluded that it does provide technical information in sufficient detail to enable the NRC staff to complete its detailed technical review and make an independent assessment regarding the acceptability, of the proposed amendment in terms of regulatory requirements and the protection of public health and safety and the environment.

Given the lesser scope and depth of the acceptance review as compared to the detailed technical review, there may be instances in which issues that impact the NRC staff's ability to complete the detailed technical review are identified despite completion of an adequate acceptance review. You will be advised of any further information needed to support the NRC staff's detailed technical review by separate correspondence.

If you have any questions, please contact me at (301) 415-6191 or Ravindra.Joshi@nrc.gov .

Sincerely,

/RA David H. Jaffe for:/

Ravindra Joshi, Senior Project Manager
Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

Docket Nos.: 52-025
52-026

cc: See next page

DISTRIBUTION:

Public	RidsNroDnrl	MSutton	DMcGovern
RidsNroDnrlLB4	JFuller	MBrown	MErnstes
RidsOgcMailCenter	RidsAcrcAcnwMailCenter	PMoulding	RJoshi
RidsRgn2MailCenter	SBurnell	RButler	BBavol
LBurkhart	GKhouri	MJunge	DJaffe
PPieringer	MMinarik		

ADAMS Accession No.: ML13360A174

*via e-mail

NRO-002

OFFICE	DNRL/LB4:PM	DNRL/LB4:LA	DNRL/LB4:PM	DNRL/LB4:BC	DNRL/LB4:PM
NAME	RJoshi (c)*	RButler	DJaffe	LBurkhart	RJoshi (s)
DATE	12/30/13	12/30/13	12/31/13	12/31/13	12/31/13

OFFICIAL RECORD COPY

Vogtle Units 3 & 4 Mailing List

(Revised 12/18/2013)

cc:

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

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

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

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

Southern Nuclear Op. Co.
Document Control Coordinator
42 Inverness Center parkway
Attn: B236
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

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

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

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

Elaine Sikes
Burke County Library
130 Highway 24 South
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

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

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

Gene Stilp
1550 Fishing Creek Valley Road
Harrisburg, PA 17112

Rita Kilpatrick
250 Arizona Ave.
Atlanta, GA 30307

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

Vogle Units 3 & 4 Mailing List

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

Vogle Units 3 & 4 Mailing List

Email

agaughtm@southernco.com (Amy Aughtman)
agbaker@southernco.com (Ann Baker)
awc@nei.org (Anne W. Cottingham)
bhwhitle@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)
chmahan@southernco.com (Howard Mahan)
cmeadors@southernco.com (Brian Meadors)
collinlj@westinghouse.com (Leslie Collins)
courtney@georgiawand.org (Courtney Hanson)
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)
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)

Vogle Units 3 & 4 Mailing List

kwaugh@impact-net.org (Kenneth O. Waugh)
lchandler@morganlewis.com (Lawrence J. Chandler)
ldperry@southernco.com (Leigh D. Perry)
maria.webb@pillsburylaw.com (Maria Webb)
markus.popa@hq.doe.gov (Markus Popa)
matias.travieso-diaz@pillsburylaw.com (Matias Travieso-Diaz)
mcintyba@westinghouse.com (Brian McIntyre)
mdrauckh@southernco.com (Mark Rauckhorst)
media@nei.org (Scott Peterson)
Melissa.Smith@Hq.Doe.Gov (Melissa Smith)
mike.price@opc.com (M.W. Price)
MSF@nei.org (Marvin Fertel)
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)
RJB@NEI.org (Russell Bell)
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)
whelmore@aol.com (Bill Elmore)