

December 6, 2013

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

SUBJECT: VOGTLE ELECTRIC GENERATING PLANT UNITS 3 AND 4 — ISSUANCE OF AMENDMENT RE: THE CHANGES TO HUMAN FACTORS ENGINEERING REPORTS THAT ARE INCORPORATED BY REFERENCE IN THE UPDATED FINAL SAFETY ANALYSIS REPORT (LAR 13-001, 010, 011, 012, AND 013) (TAC NOS. RP9468, 9469, 9453, 9454, AND 9455)

Dear Mr. Ivey:

The U.S. Nuclear Regulatory Commission has issued the enclosed Amendment No. 15 to Combined Licenses (COL) No. NPF-91 and NPF-92 for Vogtle Electric Generating Plant (VEGP) Units 3 and 4, respectively. The amendment consists of changes to the updated final safety analysis report (UFSAR) for VEGP Units 3 and 4 in response to your application dated:

- February 15, 2013, (Agencywide Documents Access and Management System (ADAMS) Accession No. ML13050A214) and supplemented by letters dated May 21, 2013 (ADAMS Accession Number ML13144A125), August 22, 2013 (ADAMS Accession Number ML13235A224) and September 27, 2013 (ADAMS Accession Number ML13275A181)
- March 25, 2013, (ADAMS Accession Numbers ML13087A403 and ML13087A404), and supplemented by letters dated May 21, 2013 (ADAMS Accession Number ML13144A125) and August 22, 2013 (ADAMS Accession Number ML13234A457)
- March 25, 2013 (ADAMS Accession Nos. ML13087A351 and ML13087A352), and supplemented by letters dated May 21, 2013 (ADAMS Accession Number ML13144A125), August 22, 2013 (ADAMS Accession Number ML13235A173), and September 26, 2013 (ADAMS Accession Number ML13270A057)
- April 5, 2013 (ADAMS Accession No. ML13098A727), and supplemented by letters dated May 21, 2013 (ADAMS Accession Number ML13144A125), August 22, 2013 (ADAMS Accession Number ML13235A175), and September 27, 2013 (ADAMS Accession Number ML13275A182)
- May 10, 2013 (ADAMS Accession Number ML13133A084) and supplemented by letters dated August 23, 2013 (ADAMS Accession Number ML13235A226), and September 27, 2013 (ADAMS Accession Number ML13275A181).

The proposed amendment involves changes to the five Human Factors Engineering (HFE) Reports (prepared by Westinghouse and the NRC reviewed these reports as part of the AP1000 design certification rule) that are incorporated by reference in the VEGP UFSAR. These are:

- HFE Design Verification Plan (APP-OCS-GEH-120) (LAR 13-010)
- HFE Task Support Verification Plan (APP-OCS-GEH-220) (LAR 13-011)
- HFE Integrated System Validation (APP-OCS-GEH-320) (LAR 13-001)
- Human Engineering Discrepancy Resolution Process (APP-OCS-GEH-420) (LAR 13-012)
- Plant Startup HFE Design Verification Plan (APP-OCS-GEH-520) (LAR 13-013)

The NRC approval of changes to the above topical reports (that are incorporated by reference in the VEGP UFSAR) applies only to the COL Nos. NPF-91 and NPF-92 and should not be construed as a generic approval of the HFE reports.

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

Sincerely,

/RA Lawrence Burkhart for:/

David H. Jaffe, Senior Project Manager
Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

Docket No(s): 52-025
52-026

Enclosures:

1. Amendment No. 15 to VEGP Unit 3 COL
2. Amendment No. 15 to VEGP Unit 4 COL
3. Attachment to License Amendment No. 15 to VEGP Unit 3 COL and VEGP Unit 4 COL
4. Safety Evaluation

cc: See next page

- HFE Design Verification Plan (APP-OCS-GEH-120) (LAR 13-010)
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- Human Engineering Discrepancy Resolution Process (APP-OCS-GEH-420) (LAR 13-012)
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David H. Jaffe, Senior Project Manager
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 Division of New Reactor Licensing
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Docket No(s): 52-025
 52-026

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5. Amendment No. 15 to VEGP Unit 3 COL
6. Amendment No. 15 to VEGP Unit 4 COL
7. Attachment to License Amendment No. 15 to VEGP Unit 3 COL and VEGP Unit 4 COL
8. Safety Evaluation

cc: See next page

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Vogtle Units 3 & 4 Mailing List
cc:

(Revised 10/30/2013)

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

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

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

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)
kim.haynes@opc.com (Kim Haynes)
kmseiber@southernco.com (Kristin Seibert)
KSutton@morganlewis.com (Kathryn M. Sutton)
kwaugh@impact-net.org (Kenneth O. Waugh)

Vogle 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)
matias.travieso-diaz@pillsburylaw.com (Matias Travieso-Diaz)
mcintyba@westinghouse.com (Brian McIntyre)
mdrauckh@southernco.com (Mark Rauckhorst)
media@nei.org (Scott Peterson)
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)
weave1dw@westinghouse.com (Doug Weaver)
whelmore@aol.com (Bill Elmore)