

February 28, 2013

Mr. B. L. Ivey, Vice President  
Regulatory Affairs  
Southern Nuclear Operating Company, Inc.  
P.O. Box 1295  
Bin B022  
Birmingham, AL 35201

SUBJECT: ACCEPTANCE REVIEW OF SOUTHERN NUCLEAR OPERATING COMPANY'S  
REQUEST FOR LICENSE AMENDMENT (LAR 13-001) FOR THE VOGTLE  
ELECTRIC GENERATING PLANT UNITS 3 AND 4: REVISION TO AP1000  
HUMAN FACTORS ENGINEERING, INTEGRATED SYSTEM VALIDATION  
PLAN/GEH-320 (RP9437)

Dear Mr. Ivey:

By letter dated February 15, 2013 (Agencywide Documents Access and Management System Accession No. ML13050A214), Southern Nuclear Operating Company (SNC) submitted a license amendment request (LAR) for the Vogtle Electric Generating Plant (VEGP) Units 3 and 4. The proposed LAR would depart from the plant-specific Design Control Document Tier 2\* material by revising reference document APP-OCS-GEH-320, "AP1000 Human Factors Engineering Integrated System Validation Plan" from Revision D to Revision 2. APP-OCS-GEH-320 is incorporated by reference in the updated final safety analysis report (UFSAR) as a means to implement the activities associated with the human factors engineering verification and validation. 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 review. 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 Title 10 of the *Code of Federal Regulations* (10 CFR), an amendment to the license must fully describe the changes requested, and following 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.

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.

B. L. Ivey

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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](mailto:ravindra.joshi@NRC.gov).

Sincerely,

***/RA/***

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

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

cc: See next page

B. L. Ivey

- 2 -

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If you have any questions, please contact me at (301) 415-6191 or [ravindra.joshi@NRC.gov](mailto:ravindra.joshi@NRC.gov).

Sincerely,

*/RA/*

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

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

cc: See next page

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NRO-002

OFFICE	DNRL/LB4:PM	DNRL/LB4: LA	DNRL/LB4:BC
NAME	RJoshi	RButler:scg for:	LBurkhart
DATE	02/28/2013	02/28/2013	02/28/2013

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Vogtle Units 3 & 4 Mailing List  
cc:

(Revised 02/25/2013)

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

Lucious Abram  
Commissioner -  
Burke's County Commissioner  
P. O. Box 1626  
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  
Vogtle Plant  
8805 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

Lisa Higdon  
Southern Nuclear Op. Co.  
Document Control Coordinator  
42 Inverness Center parkway  
Attn: B236  
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)  
anfaulk@southernco.com (Nicole Faulk)  
APH@NEI.org (Adrian Heymer)  
awc@nei.org (Anne W. Cottingham)  
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)  
crpierce@southernco.com (C.R. Pierce)  
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)  
dlfulton@southernco.com (Dale Fulton)  
ed.burns@earthlink.net (Ed Burns)  
edavis@pegasusgroup.us (Ed David)  
enweathe@southernco.com (Beth Thomas)  
erg-xl@cox.net (Eddie R. Grant)  
G2NDRMDC@southernco.com (SNC Document Control)  
GeerTC@westinghouse.com (Thomas Geer)  
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)  
Joseph\_Hegner@dom.com (Joseph Hegner)  
jranalli@meagpower.org (Jerry Ranalli)  
jrjohnso@southernco.com (Randy Johnson)  
jtdavis@southernco.com (Jim Davis)  
jtgasser@southernco.com (Jeffrey Gasser)  
karen.patterson@ttnus.com (Karen Patterson)  
karlg@att.net (Karl Gross)  
kasslc@westinghouse.com (Leslie Kass)  
kim.haynes@opc.com (Kim Haynes)  
KSutton@morganlewis.com (Kathryn M. Sutton)  
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)

## Vogle Units 3 & 4 Mailing List

mark.beaumont@wsms.com (Mark Beaumont)  
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)  
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)  
sroetger@psc.state.ga.us (Steve Roetger)  
stephan.moen@ge.com (Stephan Moen)  
taterrel@southernco.com (Todd Terrell)  
tcmoorer@southernco.com (Thomas Moorer)  
tlubnow@mpr.com (Tom Lubnow)  
Tom.Bilik@nrc.gov (Thomas Bilik)  
tomccall@southernco.com (Tom McCallum)  
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)  
whelmore@aol.com (Bill Elmore)