

September 14, 2015

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

SUBJECT: ACCEPTANCE REVIEW OF SOUTHERN NUCLEAR OPERATING COMPANY'S
REQUEST FOR LICENSE AMENDMENT (LAR 15-010) FOR THE VOGTLE
ELECTRIC GENERATING PLANT UNITS 3 AND 4: SUPPLEMENTAL
REQUIREMENTS FOR MECHANICAL COUPLER WELD ACCEPTABILITY
(TAC NO. RP9514)

Dear Mr. Whitley:

By letter dated August 21, 2015 (Agencywide Documents Access and Management System (ADAMS) under Accession No. ML15233A588), Southern Nuclear Operating Company (SNC/licensee) submitted a license amendment request (LAR) for Combined License Numbers NPF-91 and NPF-92, for the Vogtle Electric Generating Plant (VEGP) Units 3 and 4, respectively. SNC proposes to depart from Tier 2* and associated Tier 2 information in the VEGP Units 3 and 4 Updated Final Safety Analysis Report (which includes the plant specific Design Control Document Tier 2 information) to demonstrate that the mechanical weldable couplers to structural steel weld capacity required by the American Concrete Institute (ACI) 349-01 is satisfied using the American Institute of Steel Construction (AISC) N690-1994 analysis and testing provisions.

The purpose of this letter is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of the 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 Title 10 of the *Code of Federal Regulations* (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 the 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. H. Whitley

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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) 415-3025 or Chandu.Patel@nrc.gov.

Sincerely,

/RA/

Chandu Patel, 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

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.

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Sincerely,

/RA/

Chandu Patel, 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

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

Elaine Sikes
Burke County Library
130 Highway 24 South
Waynesboro, GA 30830

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

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

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

Gene Stilp
1550 Fishing Creek Valley Road
Harrisburg, PA 17112

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

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

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

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

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

Brian H. Whitley
42 Inverness Center Parkway
BIN B237
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

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

Vogle Units 3 & 4 Mailing List

Email

agaughtm@southernco.com (Amy Aughtman)
awc@nei.org (Anne W. Cottingham)
Bartley.Higgins@hq.doe.gov (Bartley Higgins)
becky@georgiawand.org (Becky Rafter)
bhwhittle@southernco.com (Brian Whitley)
Bill.Jacobs@gdsassociates.com (Bill Jacobs)
bill.wood@cbi.com (Bill Wood)
bjadams@southernco.com (Brad Adams)
bwwaites@southernco.com (Brandon Waites)
collinlj@westinghouse.com (Leslie Collins)
couturgf@westinghouse.com (Gerald Couture)
crpierce@southernco.com (C.R. Pierce)
curtis.castell@cbi.com (Curtis Castell)
curtis.castell@cbi.com (Curtis Castell)
cwaltman@roe.com (C. Waltman)
dahjones@southernco.com (David Jones)
david.hinds@ge.com (David Hinds)
david.jantosik@cbi.com (David Jantosik)
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)
fdhundle@southernco.com (Forrest Hundley)
G2NDRMDC@southernco.com (SNC Document Control)
graysw@westinghouse.com (Scott W. Gray)
james.comer@cbi.com (James Comer)
james1.beard@ge.com (James Beard)
jamiller@southernco.com (Buzz Miller)
jannina.blanco@pillsburylaw.com (Jannina Blanco)
jbtomase@southernco.com (Janice Tomasello)
jeff.lyash@cbi.com (Jeff Lyash)
jenmorri@southernco.com (Jennifer Buettner)
jim@ncwarn.org (Jim Warren)
jlhall@southernco.com (Jennifer Hall)
john.simmons@cbi.com (John A. Simmons)
Joseph_Hegner@dom.com (Joseph Hegner)
jpredd@southernco.com (Jason R. Redd)
jranalli@meagpower.org (Jerry Ranalli)
jtgasser@southernco.com (Jeff Gasser)

Vogle Units 3 & 4 Mailing List

karen.patterson@ttnus.com (Karen Patterson)
karlg@att.net (Karl Gross)
kelly.trice@cbi.com (Kelly Price)
ken.hollenbach@cbi.com (Kenneth W. Hollenbach)
kim.haynes@opc.com (Kim Haynes)
kmseiber@southernco.com (Kristin Seibert)
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)
markus.popa@hq.doe.gov (Markus Popa)
mcintyba@westinghouse.com (Brian McIntyre)
mdmeier@southernco.com (Mike Meier)
media@nei.org (Scott Peterson)
Melissa.Smith@Hq.Doe.Gov (Melissa Smith)
michael.annacone@cbi.com (Michael Annacone)
michael.annacone@cbi.com (Michael J. Annacone)
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)
nicholle.burroughs@cbi.com (Nicholle Burroughs)
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)
randall@nexusamllc.com (Randall Li)
rhenry@ap.org (Ray Henry)
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)
sblanton@balch.com (Stanford Blanton)
sfrantz@morganlewis.com (Stephen P. Frantz)
shhuling@southernco.com (Steven Huling)
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)

Vogle Units 3 & 4 Mailing List

taterrel@southernco.com (Todd Terrell)
Tom.Bilik@nrc.gov (Thomas Bilik)
TomClements329@cs.com (Tom Clements)
Vanessa.quinn@dhs.gov (Vanessa Quinn)
virgil.barton@cbi.com (Virgil Barton)
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)
x2gabeck@southernco.com (Gary Becker)