

November 8, 2010

Mr. Joseph A. (Buzz) Miller  
Executive Vice President  
Nuclear Development  
Southern Nuclear Operating Company  
P. O. Box 1295  
Birmingham, AL 35201

SUBJECT: VOGTLE ELECTRIC GENERATING PLANT UNITS 3 AND 4 – COMBINED  
LICENSE APPLICATION - ADVANCED SAFETY EVALUATION WITOUT OPEN  
ITEMS FOR CHAPTER 8, "ELECTRIC POWER"

Dear Mr. Miller:

The U.S. Nuclear Regulatory Commission staff is preparing a Advanced Safety Evaluation (ASE) without open items (OIs) for each chapter of the Vogtle Electric Generating Plant (VEGP), Units 3 and 4 Combined License Application (COLA) submitted by Southern Nuclear Operating Company (SNC) on March 28, 2008.

The staff's ASE without OIs for Chapter 8, "Electric Power," is being provided to the Advisory Committee on Reactor Safeguards (ACRS) Subcommittee to support upcoming meetings of the ACRS Subcommittee, scheduled to be held in December 2010.

The enclosed ASE without OIs is being provided only to SNC for review of proprietary information pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 "Public Inspections, Exemptions, Requests for Withholding." The staff concludes that the enclosed ASE does not contain any information for which exemption from public disclosure has been sought or approved or any factual errors. However, the NRC will withhold the enclosed ASE from public disclosure for ten business days from the date of this letter to allow you the opportunity to verify the staff's conclusion that the ASE contains no such exempt information or any factual errors. If within the ten day period, you do not request that all or portions of the ASE be withheld from public disclosure, the enclosure will be made available for public inspection through the NRC Public Document Room and the Publicly Available Records component of NRC's Agencywide Documents Access and Management System (ADAMS) and placed on the NRC's public web page for this application.

Document transmitted herewith contains sensitive unclassified information. When separated from the enclosure this document is "DECONTROLLED."

J. Miller

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If you have any questions, please contact Mr. Ravindra Joshi, the lead project manager for the VEGP COL application, at (301) 415-6191, [ravindra.joshi@nrc.gov](mailto:ravindra.joshi@nrc.gov).

Sincerely,

**/RA/**

Jeffrey Cruz, Chief  
AP1000 Projects Branch 1 (NWE1)  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos. 52-025 and 52-026

Enclosure:  
Safety Evaluation, Chapter 8

cc w/o encl: See next page

J. Miller

-2-

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Sincerely,

**/RA/**

Jeffrey Cruz, Chief  
AP1000 Projects Branch 1 (NWE1)  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos. 52-025 and 52-026

Enclosure:  
Safety Evaluation, Chapter 8

cc w/o encl: See next page

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**NRO-002**

<b>OFFICE</b>	<b>DNRL/NWE1:PM</b>	<b>DNRL/NWE1:LA</b>	<b>DNRL/NWE1:BC</b>
<b>NAME</b>	RJoshi	KGoldstein	JCruz
<b>DATE</b>	11/04/10	11/04/10	11/08/10

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COL - Vogtle Mailing List  
cc:

(Revised 08/09/2010)

Attorney General  
Law Department  
132 Judicial Building  
Atlanta, GA 30334

Mr. Thomas O. McCallum  
Site Development Project Engineer  
Southern Nuclear Operating Co., Inc.  
PO Box 1295  
Birmingham, AL 35201-1295

Ms. Michele Boyd  
Legislative Director  
Energy Program  
Public Citizens Critical Mass Energy  
and Environmental Program  
215 Pennsylvania Avenue, SE  
Washington, DC 20003

Mr. Joseph (Buzz) Miller  
Executive Vice President  
Nuclear Development  
P.O. Box 1295  
Birmingham, AL 35201-1295

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

Mr. Charles R. Pierce  
Vogtle Deployment Licensing Manager  
Southern Nuclear Operating Co., Inc.  
PO Box 1295  
Birmingham, AL 35201-1295

Director  
Consumer's Utility  
Counsel Division  
Governor's Office of Consumer Affairs  
2 Martin Luther King, Jr. Drive  
Plaza Level East, Suite 356  
Atlanta, GA 30334-4600

Resident Inspector  
Vogtle Plant  
8805 River Road  
Waynesboro, GA 30830

Mr. Arthur H. Domby, Esquire  
Troutman Sanders  
Nations Bank Plaza  
600 Peachtree Street, NE  
Suite 200  
Atlanta, GA 30308-2216

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

Rita Kilpatrick  
250 Arizona Ave.  
Atlanta, GA 30307

Mr. Wesley A. Sparkman  
COL Project Engineer  
Southern Nuclear Operating Co., Inc.  
P.O. Box 1295  
Birmingham, AL 35201-1295

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

Gene Stilp  
1550 Fishing Creek Valley Road  
Harrisburg, PA 17112

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

## COL - Vogtle Mailing List

### Email

anfauk@southernco.com (Nicole Faulk)  
APH@NEI.org (Adrian Heymer)  
awc@nei.org (Anne W. Cottingham)  
bob.masse@opc.com (Resident Manager)  
bobbie@wand.org (Bobbie Wand)  
BrinkmCB@westinghouse.com (Charles Brinkman)  
chris.maslak@ge.com (Chris Maslak)  
crpierce@southernco.com (C.R. Pierce)  
cwaltman@roe.com (C. Waltman)  
dahjones@southernco.com (David Jones)  
david.hinds@ge.com (David Hinds)  
david.lewis@pillsburylaw.com (David Lewis)  
Derlinda.Bailey@chguernsey.com (Derinda Bailey)  
ed.burns@earthlink.net (Ed Burns)  
erg-xl@cox.net (Eddie R. Grant)  
james.beard@gene.ge.com (James Beard)  
jgutierrez@morganlewis.com (Jay M. Gutierrez)  
jim.riccio@wdc.greenpeace.org (James Riccio)  
Joseph\_Hegner@dom.com (Joseph Hegner)  
jtdavis@southernco.com (Jim Davis)  
jtgasser@southernco.com (Jeffrey Gasser)  
KSutton@morganlewis.com (Kathryn M. Sutton)  
kwaugh@impact-net.org (Kenneth O. Waugh)  
lchandler@morganlewis.com (Lawrence J. Chandler)  
Marc.Brooks@dhs.gov (Marc Brooks)  
maria.webb@pillsburylaw.com (Maria Webb)  
mark.beaumont@wsms.com (Mark Beaumont)  
Mark.Crisp@chguernsey.com (Mark Crisp)  
matias.travieso-diaz@pillsburylaw.com (Matias Travieso-Diaz)  
mcaston@southernco.com (Moanica Caston)  
media@nei.org (Scott Peterson)  
mike.price@opc.com (M.W. Price)  
mike\_moran@fpl.com (Mike Moran)  
MSF@nei.org (Marvin Fertel)  
nirsnet@nirs.org (Michael Mariotte)  
Nuclaw@mindspring.com (Robert Temple)  
patriciaL.campbell@ge.com (Patricia L. Campbell)  
Paul@beyondnuclear.org (Paul Gunter)  
pshastings@duke-energy.com (Peter Hastings)  
RJB@NEI.org (Russell Bell)  
sabinski@suddenlink.net (Steve A. Bennett)  
sandra.sloan@areva.com (Sandra Sloan)  
sblanton@balch.com (Stanford Blanton)  
sfrantz@morganlewis.com (Stephen P. Frantz)

COL - Vogtle Mailing List

sjackson@meagpower.org (Steven Jackson)  
stephan.moen@ge.com (Stephan Moen)  
steven.hucik@ge.com (Steven Hucik)  
tcmoorer@southernco.com (Thomas Moorer)  
Tom.Bilik@nrc.gov (Thomas Bilik)  
tomccall@southernco.com (Tom McCallum)  
Vanessa.quinn@dhs.gov (Vanessa Quinn)  
Wanda.K.Marshall@dom.com (Wanda K. Marshall)  
whelmore@aol.com (Bill Elmore)