

November 4, 2010

Mr. Stephen A. Byrne
Senior Vice President
and Chief Nuclear Officer
South Carolina Electric & Gas Company
Columbia, South Carolina 29218

SUBJECT: VIRGIL C. SUMMER NUCLEAR STATION UNITS 2 AND 3 - COMBINED
LICENSE APPLICATION – SAFETY EVALUATION WITHOUT OPEN ITEMS FOR
CHAPTER 18, “HUMAN FACTORS ENGINEERING”

Dear Mr. Byrne:

The U. S. Nuclear Regulatory Commission (NRC) staff is preparing an Advanced Safety Evaluation (ASE) without open items (OIs) for each chapter of the Virgil C. Summer Nuclear Station (VCSNS), Units 2 and 3 Combined License Application (COLA) submitted by South Carolina Electric & Gas (SCE&G) on March 27, 2008.

The staff’s ASE without OIs for Chapter 18, “Human Factors Engineering,” 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 SCE&G 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 that 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’s Public Document Room and the Publicly Available Records component of the NRC’s Agencywide Documents Access and Management System (ADAMS) and placed on the NRC’s public web page for this application.

Enclosure transmitted herewith contains SUNSI.
When separated from the enclosure, this cover
letter is ‘DECONTROLLED.’

S. Byrne

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If you have any questions, please contact Mr. Anthony Minarik at (301) 415-6185, anthony.minarik@nrc.gov or Mr. Joseph Sebrosky, the lead project manager for the VCSNS COL application, at (301) 415-1132, joseph.sebrosky@nrc.gov.

Sincerely,

/RA/

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

Docket Nos. 52-027
52-028

Enclosure:
Safety Evaluation, Chapter 18

cc w/o encl: See next page

S. Byrne

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Sincerely,

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Jeff Cruz, Chief
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Docket Nos. 52-027
52-028

Enclosure:
Safety Evaluation, Chapter 18

cc w/o encl: See next page

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OFFICE	PM:DNRL/NWE1	DNRL/NWE1:LA	BC:DNRL/NWE1
NAME	AMinarik	KGoldstein	JCruz
DATE	11/04/10	11/04/10	11/04/10

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COL SCE&G - VCSummer Mailing List
cc:

(Revised 09/09/2010)

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

Mr. Stephen A. Byrne
Sr. Vice President Generation and
Chief Nuclear Officer
South Carolina Electric and Gas
MC 196 Palmetto Center
Columbia, SC 29218

Chairman
Fairfield County Council
Drawer 60
Winnsboro, SC 29180

Mr. Thomas D. Gatlin
General Manager
Nuclear Plant Operations
South Carolina Electric & Gas Company
Virgil C. Summer Nuclear Station
Post Office Box 88, Mail Code 300
Jenkinsville, SC 29065

Ms. Sharon Bowyer Hudson
Office of Regulatory Staff
State of South Carolina
1401 Main Street
Suite 900
Columbia, SC 29201

Mr. Ronald Kinney
South Carolina DHEC
2600 Bull Street
Columbia, SC 29201

Mr. Ron Osborne
Director
South Carolina EMD
1100 Fish Hatchery Road
West Columbia, SC 29172

Mr. Henry Porter
Assistant Director
Division of Waste Management
Bureau of Land & Waste Management
Dept. of Health and Environmental Control
2600 Bull Street
Columbia, SC 29201

Ms. Linda Sanders
Director
Allendale County EPA
P.O. Box 129
Allendale, SC 29810

Ms. Sandra Threatt
South Carolina DHEC
2600 Bull Street
Columbia, SC 29201

Mr. R. J. White
Nuclear Coordinator
S.C. Public Service Authority
c/o Virgil C. Summer Nuclear Station
P.O. Box 88, Mail Code 802
Jenkinsville, SC 29065

COL SCE&G - VCSummer Mailing List

Email

amonroe@scana.com (Amy Monroe)
APAGLIA@Scana.com (Al Paglia)
APH@NEI.org (Adrian Heymer)
arice@scana.com (April R. Rice)
awc@nei.org (Anne W. Cottingham)
bedforbj@westinghouse.com (Brian Bedford)
Bill.Jacobs@gdsassociates.com (Bill Jacobs)
bmccall@santeecooper.com (Bill McCall, Jr.)
BrinkmCB@westinghouse.com (Charles Brinkman)
chris.maslak@ge.com (Chris Maslak)
CumminWE@Westinghouse.com (Edward W. Cummins)
cwaltman@roe.com (C. Waltman)
david.lewis@pillsburylaw.com (David Lewis)
Derinda.Bailey@chguernsey.com (Derinda Bailey)
dgriffin@scana.com (Donna S. Griffin)
ed.burns@earthlink.net (Ed Burns)
fbelser@regstaff.sc.gov
gzinke@entergy.com (George Alan Zinke)
jarchie@scana.com (Jeffrey B. Archie)
jflitter@regstaff.sc.gov
jgutierrez@morganlewis.com (Jay M. Gutierrez)
jim.riccio@wdc.greenpeace.org (James Riccio)
Joseph_Hegner@dom.com (Joseph Hegner)
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)
media@nei.org (Scott Peterson)
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)
rclary@scana.com (Ronald Clary)
RJB@NEI.org (Russell Bell)
rwhite@scana.com (Robin White)
sabinski@suddenlink.net (Steve A. Bennett)
sandra.sloan@areva.com (Sandra Sloan)

COL SCE&G - VCSummer Mailing List

sbyrne@scana.com (Stephen A. Byrne)
sfrantz@morganlewis.com (Stephen P. Frantz)
shudson@regstaff.sc.gov (Shannon Hudson)
stephan.moen@ge.com (Stephan Moen)
tom.miller@hq.doe.gov (Tom Miller)
TomClements329@cs.com (Tom Clements)
Vanessa.quinn@dhs.gov (Vanessa Quinn)
vcsnrc@scana.com (NRC Senior Resident Inspector
Wanda.K.Marshall@dom.com (Wanda K. Marshall)