

February 21, 2013

Mr. Ronald A. Jones, Vice President
New Nuclear Operations
South Carolina Electric & Gas Company
14368 State Highway 213
Jenkinsville, SC 29065

SUBJECT: ACCEPTANCE REVIEW OF SOUTH CAROLINA ELECTRIC & GAS COMPANY'S
REQUEST FOR LICENSE AMENDMENT (LAR 13-06) FOR THE VIRGIL C.
SUMMER NUCLEAR STATION UNITS 2 AND 3: PRIMARY SAMPLING SYSTEM
(RQ0316 AND RQ0317)

Dear Mr. Jones:

By letter dated February 7, 2013 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML13042A004), South Carolina Electric & Gas Company (SCE&G) submitted a license amendment request (LAR) for the Virgil C. Summer Nuclear Station (VCSNS) Units 2 and 3. The proposed license amendment request would revise the Primary Sampling System (PSS) configuration by: 1) replacing the PSS containment air return check valve with a solenoid-operated valve (SOV), and 2) redesigning the PSS inside-containment header and adding a PSS containment penetration.

SCE&G has also requested an exemption from the provisions of Title 10 of the *Code of Federal Regulations* (10 CFR) Part 52, Appendix D, Section III.B, "Design Certification Rule for the AP1000 Design, Scope and Contents," to allow a departure from the elements of the certification information in Tier 1 of the generic DCD.

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.

R. Jones

- 2 -

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) 415-0681 or denise.mcgovern@NRC.gov.

Sincerely,

/RA/

Denise McGovern, Project Manager
Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

Docket Nos.: 52-027
52-028

cc: See next page

R. Jones

- 2 -

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) 415-0681 or denise.mcGovern@NRC.gov.

Sincerely,

/RA/

Denise McGovern, Project Manager
Licensing Branch 4
Division of New Reactor Licensing
Office of New Reactors

Docket Nos.: 52-027
52-028

cc: See next page

DISTRIBUTION:

Public	RidsNroDnrl	MSutton	AMinarik
NRO_DNRL_LB4 Distribution	JFuller	MBrown	MErnstes
RidsOgcMailCenter	PMoulding	BBavol	JMcKirgan
RidsRgn2MailCenter	LBurkhart	SBurnell	RButler
RidsAcrsAcnwMailCenter	GKhouri	MShams	RJoshi
WBurton	CRosselle	MMcCoppin	JWilson
MValentin	TFredette	BTegeler	CWebber
VMarieliz	TSteadham	DMurray	SLee

ADAMS Accession No.: ML13051A443

NRO-002

OFFICE	DNRL/LB4: PM	DNRL/LB4:LA	DNRL/LB4: PM	DNRL/LB4:BC
NAME	DMcGovern (c)	RButler	DMcGovern (s)	LBurkhart
DATE	02/16/2013	02/20/2013	02/22/2013	02/21/2013

OFFICIAL RECORD COPY

R. Jones

- 2 -

COL SCE&G – VC Summer Mailing List

(Revised 02/12/2013)

cc:

Mr. Jeffrey B. Archie
Sr. Vice President, Nuclear Operations
South Carolina Electric & Gas Company
MC D304
220 Operation Way
Cayce, SC 29033-3172

Chairman
Fairfield County Council
Drawer 60
Winnsboro, SC 29180

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

Mr. George McKinney
Director
South Carolina EMD
1100 Fish Hatchery Road
West Columbia, SC 29172

Ms. Gidget Stanley-Banks
Director
Allendale County EPA
426 Mullberry Street
Allendale, SC 29810

COL SCE&G – VC Summer Mailing List

Email

amonroe@scana.com (Amy Monroe)
APAGLIA@Scana.com (Al Paglia)
APH@NEI.org (Adrian Heymer)
April.Rice@scana.com (April Rice)
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.)
christina.barnett@scana.com (Christina Barnett)
CumminWE@Westinghouse.com (Edward W. Cummins)
cwaltman@roe.com (C. Waltman)
david.lewis@pillsburylaw.com (David Lewis)
dgriffin@scana.com (Donna S. Griffin)
ed.burns@earthlink.net (Ed Burns)
ewingja@westinghouse.com (Jerrod Ewing)
fbelser@regstaff.sc.gov
gzinke@entergy.com (George Alan Zinke)
hutchiwe@westinghouse.com (william Hutchins)
jarchie@scana.com (Jeffrey B. Archie)
jenkinse@dhec.sc.gov (Susan Jenkins)
jflitter@regstaff.sc.gov
Joseph_Hegner@dom.com (Joseph Hegner)
karlg@att.net (Karl Gross)
kasslc@westinghouse.com (Leslie Kass)
kinneyrw@dhec.sc.gov (Ronald Kinney)
KSutton@morganlewis.com (Kathryn M. Sutton)
kwaugh@impact-net.org (Kenneth O. Waugh)
lchandler@morganlewis.com (Lawrence J. Chandler)
maria.webb@pillsburylaw.com (Maria Webb)
mark.beaumont@wsms.com (Mark Beaumont)
matias.travieso-diaz@pillsburylaw.com (Matias Travieso-Diaz)
mcintyba@westinghouse.com (Brian McIntyre)
media@nei.org (Scott Peterson)
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)
pbessette@morganlewis.com (Paul Bessette)
porterhj@dhec.sc.gov (Henry Porter)
randall@nexusamllc.com (Randall Li)
rclary@scana.com (Ronald Clary)
RJB@NEI.org (Russell Bell)

COL SCE&G – VC Summer Mailing List

Ronald.Jones@scana.com (Ronald Jones)
sabinski@suddenlink.net (Steve A. Bennett)
sbyrne@scana.com (Stephen A. Byrne)
sfrantz@morganlewis.com (Stephen P. Frantz)
shudson@regstaff.sc.gov (Shannon Hudson)
stephan.moen@ge.com (Stephan Moen)
TGATLIN@scana.com (Thomas Gatlin)
threatsj@dhec.sc.gov (Sandra Threath)
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)
William.Cherry@scana.com (William Cherry)
wmcherry@santeecooper.com (Marion Cherry)