

October 24, 2002

LICENSEE: South Carolina Electric and Gas Company

FACILITY: V. C. Summer Nuclear Station

SUBJECT: SUMMARY OF MEETING BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION (NRC) STAFF AND SOUTH CAROLINA ELECTRIC AND GAS COMPANY REPRESENTATIVES TO DISCUSS THE V. C. SUMMER NUCLEAR STATION LICENSE RENEWAL APPLICATION

On September 24, 2002, the NRC staff met with members of South Carolina Electric & Gas Company (SCE&G) in a public meeting to discuss the license renewal application (LRA) for the V. C. Summer Nuclear Station (Summer Station). The list of attendees is provided in Enclosure 1 and the meeting agenda is provided in Enclosure 2.

Messrs. Ronald Clary and Al Paglia of SCE&G provided an overview of the application. The overview included how they developed the LRA and how the information from Chapter 2, Scoping and Screening Methodology, is linked to Chapter 3, Aging Management Review Results. Mr. Paglia discussed lessons learned in developing an LRA using NUREG-1800, "Standard Review Plan for Review of License Renewal Applications for Nuclear Power Plants" (SRP-LR) and NUREG-1801, "Generic Aging Lessons Learned (GALL) Report." Mr. Paglia stated that as part of preparing the license renewal application for the Summer Station, SCE&G staff prepared extensive documentation to support the aging management review of systems, structures, and components. These are in tables format with separate tables for electrical, structural, and mechanical components. Information from these tables was condensed and regrouped to develop tables in Chapter 3 of the Summer LRA. The applicant stated that these tables are part of the basis documentation for the plant and are available at the plant site.

With regard to scoping and screening, SCE&G explained the methodology used to scope and screen structures, systems, and components to identify those structures and components that are subject to an AMR, and gave examples of how these results are documented in the LRA.

SCE&G described the process used to compare Summer Station's aging management programs (AMPs) with those credited in the GALL report. SCE&G used a two-table format, one table was for structures and components that were consistent with GALL and the other was for structures and components that were not consistent with GALL. SCE&G said that if an AMP was addressed in GALL, then it was included in table one with few exceptions, otherwise it was placed in Table 2. The staff stated that this was quite different from other recent license renewal applications and also different from what they had expected to be included in Table 1. The staff further noted that the additional information available at the site will be needed in reviewing the Summer license renewal application. On staff's request, the applicant agreed to

submit these basis documentation tables for staff's use to complete its technical review of the Summer LRA.

The staff asked SCE&G if the topical reports they referenced are approved for 60 years, because some topical reports are only approved for 40 years. SCE&G said they believed that the topical reports they used are approved for 40 years, but could be extended to 60 years because they used an approved methodology.

Mr. Paglia discussed the time-limited aging analyses (TLAAs) and the AMPs. During the TLAA discussion, Mr. Paglia explained how SCE&G addressed metal fatigue and reactor vessel neutron embrittlement, including pressurized thermal shock and upper shelf energy. The staff commented that SCE&G should review the recently issued RAIs in this area and be prepared to provide the level of detail technical information in those RAIs.

A draft of this meeting summary was provided to the applicant to allow them the opportunity to comment prior to the summary being issued.

/RA/

Rajender Auluck, Sr. Project Manager
License Renewal Section
License Renewal and Environmental Impacts Program
Division of Regulatory Improvement Program
Office of Nuclear Reactor Regulation

Docket No.: 50-395

Enclosures: As stated

cc w/enclosures: See next page

DISTRIBUTION: Summary of Meeting between NRC and SCE&G: Dated: October 24, 2002

HARD COPY

RLEP RF
Project Manager

E-MAIL:

PUBLIC

J. Johnson
W. Borchardt
D. Matthews
F. Gillespie
RidsNrrDe
R. Barrett
E. Imbro
G. Bagchi
K. Manoly
W. Bateman
J. Calvo
C. Holden
P. Shemanski
H. Nieh
G. Holahan
H. Walker
S. Black
B. Boger
D. Thatcher
G. Galletti
C. Li
J. Moore
R. Weisman
M. Mayfield
A. Murphy
W. McDowell
S. Smith (srs3)
T. Kobetz
R. Assa
C. Munson
RLEP Staff

K. Landis
C. Julian
K. Cotton
L. Plisco, RII
K. Clark
M. Kotzalas

submit these basis documentation tables for staff's use to complete its technical review of the Summer LRA.

The staff asked SCE&G if the topical reports they referenced are approved for 60 years, because some topical reports are only approved for 40 years. SCE&G said they believed that the topical reports they used are approved for 40 years, but could be extended to 60 years because they used an approved methodology.

Mr. Paglia discussed the time-limited aging analyses (TLAAs) and the AMPs. During the TLAA discussion, Mr. Paglia explained how SCE&G addressed metal fatigue and reactor vessel neutron embrittlement, including pressurized thermal shock and upper shelf energy. The staff commented that SCE&G should review the recently issued RAIs in this area and be prepared to provide the level of detail technical information in those RAIs.

A draft of this meeting summary was provided to the applicant to allow them the opportunity to comment prior to the summary being issued.

/RA/

Rajender Auluck, Sr. Project Manager
License Renewal Section
License Renewal and Environmental Impacts Program
Division of Regulatory Improvement Program
Office of Nuclear Reactor Regulation

Docket No.: 50-395

Enclosures: As stated

cc w/enclosures: See next page

DISTRIBUTION:

See next page

G:\RLEP\Auluck\Summeroverviewmtg.wpd

OFFICE	PM:RLEP:DRIP	LA:RLEP:DRIP	SC:RLEP:DRIP
NAME	RAuluck	HBerilla	SLee
DATE	10/23/02	10/23/02	10/24/02

OFFICIAL RECORD COPY

Mr. Stephen A. Byrne
South Carolina Electric & Gas Company

VIRGIL C. SUMMER NUCLEAR STATION

cc:

Ms. Kathryn M. Sutton, Esquire
Winston & Strawn Law Firm
1400 L Street, NW
Washington, DC 20005-3502

Mr. R. J. White
Nuclear Coordinator
S.C. Public Service Authority
c/o Virgil C. Summer Nuclear Station
Post Office Box 88, Mail Code 802
Jenkinsville, South Carolina 29065

Resident Inspector/Summer NPS
c/o U.S. Nuclear Regulatory Commission
576 Stairway Road
Jenkinsville, South Carolina 29065

Chairman, Fairfield County Council
Drawer 60
Winnsboro, South Carolina 29180

Mr. Henry Porter, Assistant Director
Division of Waste Management
Bureau of Land & Waste Management
Department of Health & Environmental
Control
2600 Bull Street
Columbia, South Carolina 29201

Mr. Gregory H. Halnon, General Manager
Nuclear Plant Operations
South Carolina Electric & Gas Company
Virgil C. Summer Nuclear Station, Mail
Code 303
Post Office Box 88
Jenkinsville, South Carolina 29065

Mr. Melvin N. Browne, Manager
Nuclear Licensing & Operating Experience
South Carolina Electric & Gas Company
Virgil C. Summer Nuclear Station, Mail
Code 830
Post Office Box 88
Jenkinsville, South Carolina 29065

Mr. Stephen A. Byrne
Senior Vice President, Nuclear
Operations
South Carolina Electric & Gas Company
Virgil C. Summer Nuclear Station
Post Office Box 88
Jenkinsville, South Carolina 29065

Ronald B. Clary
Manager, Plant Life Extension
South Carolina Electric & Gas Company
Virgil C. Summer Nuclear Station
Post Office Box 88
Jenkinsville, South Carolina 29065

Mr. Alan P. Nelson
Nuclear Energy Institute
1776 I Street, N.W., Suite 400
Washington, DC 20006-3708
APN@NEI.ORG

SCE&G AND NRC

V.C. Summer Station Renewal Application Overview

September 24, 2002
Room - T-2B-3
8:30 a.m. to 11:30 a.m.

AGENDA

Introductory Remarks	8:30 a.m. to 8:35 a.m.
Overviews of Application	8:35 a.m. to 10:00 a.m.
Break	10:00 a.m. to 10:15 a.m.
Discussion	10:15 a.m. to 11:15 a.m.
Public Comments	11:15 a.m. to 11:25 a.m.
Closing Remarks	11:25 a.m. to 11:30 a.m.
Adjourn	11:30 a.m.

ATTENDANCE LIST
MEETING BETWEEN NRC AND
SOUTH CAROLINA ELECTRIC & GAS COMPANY
SEPTEMBER 24, 2002

<u>NAME</u>	<u>ORGANIZATION</u>	<u>PHONE NUMBER</u>
Raj Auluck	NRC/NRR/DRIP	301-415-1025
Jamie LaBord	SCE&G	803-345-4709
Ronald B. Clary	SCE&G	803-345-4757
Robert Whorton	SCE&G	803-345-4725
Wesley Higgins	SCE&G	803-345-4042
Al Paglia	SCE&G	803-345-4191
Vincent Klco	NRC/NRR/DSSA/SPLB	301-415-8348
Bob Peters	NRC/NRR Staff	301-415-3214
Jim Strnisha	NRC/NRR/DE	301-415-1092
Sam Miranda	NRC/NRR/DSSA	301-415-2303
Steve Jones	NRC/NRR/DSSA	301-415-2712
Harry A. Wagage	NRC/NRR/DSSA	301-415-1840
Y.C. (Renie) Li	NRC/NRR/DE	301-415-2772
Pei-Ying Chen	NRC/NRR/DE	301-415-2789
Chen-Ih Wa	NRC/NRR/DE	301-415-2764
Danucle Dudiment	NRC/NRR/DSSA/SPLB	301-415-3731
David Shum	NRC/NRR/DSSA/SPLB	301-415-2860
Jim Pulsipher	NRC/NRR/DSSA/SPLB	301-415-2811
Sam Lee	NRC/NRR/DRIP/RLEP	301-415-3168
David C. Jeng	NRC/NRR/DE/SMEB	301-415-2727
Goutam Bagchi	NRC/NRR/DE	301-415-3298
Jinsiem Guo	NRC/NRR/DSSA	301-415-1816
P.T. Kuo	NRC/NRR/DRIP/RLEP	301-415-1183
Bill LeFave	NRC/NRR/DSSA/SPLB	301-415-2220
George Georgiev	NRC/NRR/DE/EMCB	301-415-2719
William Burton	NRC/NRR/DRIP/RLEP	301-415-2853
John Tsao	NRC/NRR/DE	301-415-2702
Stewart Bailey	NRC/NRR/DE	301-415-1321
Doc Nguyen	NRC/NRR/DE	301-415-3202
Jack Cushing	NRC/NRR/DRIP	301-415-1424
Greg S. Galletti	NRC/NRR/DIPM/EMCB	301-415-1831
Meena Knema	NRC/NRR/DE/EMCB	301-415-2150