

February 13, 2002

LICENSEE: SOUTH CAROLINA ELECTRIC & GAS COMPANY (SCE&G)

FACILITY: VIRGIL C. SUMMER NUCLEAR STATION

SUBJECT: MEETING SUMMARY ON REACTOR COOLANT PIPING INSPECTION PLANS  
DURING REFUELING OUTAGE RF-13 (TAC NO. MB3839)

On January 17, 2002, the NRC staff met at NRC Headquarters in Rockville, Maryland, with representatives of SCE&G and AEA Technology to discuss V. C. Summer's reactor coolant system (RCS) piping inspection plans during their next refueling outage (RF-13) in Spring 2002.

In October 2000, during RF-12, the licensee identified cracking in the RCS "A" loop hot leg weld. Consequently, SCE&G repaired the "A" loop piping and submitted the results of the Westinghouse examination and analysis of the reactor pressure vessel nozzle-to-pipe welds for the hot and cold legs of all three loops (A, B, and C) using ultrasonic testing (UT) and eddy current testing (ET). On February 20, 2001, the NRC staff issued a Safety Evaluation that concluded that the unit could be operated for one fuel cycle. In a letter dated January 9, 2001, SCE&G committed to perform the best and most meaningful nondestructive examination (NDE) inspection during RF-13 in order to ensure the integrity of the "B" and "C" hot leg welds.

At the January 17, 2002 meeting, SCE&G presented its RF-13 hot leg NDE strategy, using Wesdyne enhanced UT and ET inspection techniques to demonstrate weld integrity and satisfy their inspection commitments. They proposed using smaller transducers, higher frequencies, and an improved transducer sled. Finally, they informed the staff that SCE&G intends to apply the Mechanical Stress Improvement Process on V.C. Summer's RCS piping in order to modify residual tensile stresses and mitigate future crack growth.

At the conclusion of the meeting, SCE&G informed the NRC staff that they will be seeking expedited review of the inspection results and issuance of a revised SE in order to support V.C. Summer's start-up. The staff responded that the NRC recognizes SCE&G's schedular needs and should be able to support their request if the inspection results indicate much smaller crack growth rates than those identified in the staff SE and do not exhibit significant new indications.

Enclosure 1 is the attendance list for the meeting, and Enclosure 2 is the handout material that was supplied by SCE&G.

**/RA/**

Ramin R. Assa, Project Manager  
Project Directorate II  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-395

Enclosures:

1. Attendance List
2. SCE&G Handout

cc w/encls: See next page

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LIST OF ATTENDEES

MEETING WITH SOUTH CAROLINA ELECTRIC & GAS COMPANY ON

VIRGIL C. SUMMER NUCLEAR STATION

HELD

JANUARY 17, 2002

<u>NAME</u>	<u>ORGANIZATION</u>
Bill Bateman	EMCB/DE/NRR
Greg Halnon	SCE&G
Mel Browne	SCE&G
Gary Moffett	SCE&G
Terry McAlister	SCE&G
Manu Badlani	AEA Technology
Ed Siegel	Westinghouse
Chuck Rice	SCE&G
Deann Raleigh	LIS, Scientech
Tom Harrison	McGraw-Hill
C.E. Carpenter	NRR/EMCB
Tom Damico	AEA Technology
Ed Ray	Westinghouse
Dwain Alexander	Westinghouse
David Kurek	Wesdyne
Simon Sheng	EMCB/DE/NRR
Jim Davis	RES/DET/MEB
Tim Steingass	NRR/DE/EMCB
Ramin Assa	NRR/DLPM
Allen Hiser	NRR/DE/EMCB
Steve Doctor*	PNNL
Malcom Widman*	NRC/SRI
Deborah Jackson*	NRC/RES

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\*Attended by phone

South Carolina Electric & Gas Company

**VIRGIL C. SUMMER NUCLEAR STATION**

cc:

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Bureau of Land & Waste Management  
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