

Stephen A. Byrne
Senior Vice President Nuclear Operations



February 23, 2004

Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Sir / Madam:

Subject: VIRGIL C. SUMMER NUCLEAR STATION (VCSNS)
DOCKET NO. 50/395
OPERATING LICENSE NO. NPF-12
FINAL REPORT PURSUANT TO 10 CFR PART 21
(NCN 03-1232)

Reference: S. A. Byrne Letter (RC-03-0121) to Document Control Desk dated
June 11, 2003

South Carolina Electric & Gas Company (SCE&G) submits this letter in accordance with the requirements of 10 CFR 21.21(a)(2) as a final report of an identified defect potentially associated with a substantial safety hazard. An Interim report on this condition was submitted to the NRC on June 11, 2003 (RC-03-0121).

On April 17, 2003 during surveillance testing, VCSNS experienced a failure of a Safety-Related K-Line circuit breaker. Trouble-shooting performed by the vendor has determined that the cause of the "B" Reactor Makeup Water Pump switchgear failure to close on demand is excessive wear and tear due to the high number of cycles experienced by this breaker.

A substantial safety hazard does not exist at VCSNS at this time. Corrective actions have been taken and the affected K-line breaker has been repaired under NCN 03-1232.

Should you have any questions, please call Mr. Jeffrey Pease at (803) 345-4124.

Very truly yours,

Stephen A. Byrne

SAB/jwp

c: N. O. Lorick
N. S. Carns
T. G. Eppink
R. J. White
L. A. Reyes
K. R. Cotton
K. M. Sutton
NRC Resident Inspector

QC
R. E. Slone
INPO Records Center
NSRC
RTS (C-03-1879)
File (818.18)
DMS (RC-04-0035)

JE19