

SOUTH CAROLINA ELECTRIC & GAS COMPANY

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O. W. DIXON, JR.
VICE PRESIDENT
NUCLEAR OPERATIONS

July 13, 1982

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: Virgil C. Summer Nuclear Station
Docket No. 50/395
Thermal Sleeves

Dear Mr. Denton:

Because of recent experience at other nuclear facilities, South Carolina Electric and Gas Company (SCE&G) will remove eight (8) thermal sleeves from nozzles at the Virgil C. Summer Nuclear Station. Attached please find FSAR Figure 5.1-1 marked to denote the thermal sleeves removed.

Westinghouse has performed thermal and fatigue analyses of the nozzles without thermal sleeves with generic external loading. After the removal of the thermal sleeves, the nozzles for Summer Nuclear Station will have the same geometry as those analyzed. External loads specified for Summer Nuclear Station have been verified to be less than those already analyzed in the generic loading. Final documentation packages are being prepared specifically for Summer Nuclear Station for those nozzles without thermal sleeves.

The results indicate that nozzle structural integrity will be maintained without thermal sleeves for all transients specified in the piping design specifications.

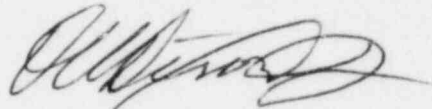
The results of the Westinghouse stress analysis on this subject will be provided within approximately two weeks. An appropriate FSAR change will be included in a future amendment.

Boo!

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If you have any questions please let us know.

Very truly yours,



O. W. Dixon, Jr.

NEL:OWD/fjc

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