



South Carolina Electric & Gas Company  
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John L. Skolds  
Vice President  
Nuclear Operations

June 22, 1992

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

Gentlemen:

Subject: VIRGIL C. SUMMER NUCLEAR STATION  
DOCKET NO. 50/395  
OPERATING LICENSE NO. NPF-12  
REQUEST TO UTILIZE LEAK BEFORE BREAK FOR  
REACTOR COOLANT SYSTEM PIPING

General Design Criterion 4 allows plants to eliminate the dynamic effects of postulated pipe ruptures from the plant design basis when analyses reviewed and approved by the Commission demonstrate that the probability of fluid system piping rupture is extremely low. The enclosed leak before break analysis is submitted by South Carolina Electric & Gas Company (SCE&G) to allow elimination of the dynamic effects of pipe rupture in the reactor coolant loop piping at Virgil C. Summer Nuclear Station. SCE&G requests NRC review and approval for plant specific application by November 30, 1992.

The enclosure contains:

1. WCAP-13206, Technical Justification for Eliminating Large Primary Loop Pipe Rupture as the Structural Design Basis for the Virgil C. Summer Nuclear Power Plant (Proprietary).
2. WCAP-13207, Technical Justification for Eliminating Large Primary Loop Pipe Rupture as the Structural Design Basis for the Virgil C. Summer Nuclear Power Plant (Non-Proprietary).

Also enclosed are a Westinghouse authorization letter, CAW-92-299, accompanying affidavit, Proprietary Information Notice, and Copyright Notice.

Since Item 1 contains information proprietary to Westinghouse Electric Corporation, it is supported by an affidavit signed by Westinghouse, the owner of the information. The affidavit sets forth the basis on which the information may be withheld from public disclosure by the Commission and addresses with specificity the considerations listed in paragraph (b)(4) of 10 CFR 2.790.

Accordingly, it is respectfully requested that the information which is proprietary to Westinghouse be withheld from public disclosure in accordance with 10 CFR 2.790.

Correspondence with respect to the copyright or proprietary aspects of the items listed above or the supporting Westinghouse affidavit should reference CAW-92-299 and should be addressed to N. J. Liparulo, Manager, Nuclear

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Safety and Regulatory Activities, Westinghouse Electric Corporation, P. O.  
Box 355, Pittsburgh, Pennsylvania 15230-0355.

If you have any questions on the submittal please call M. April Rice at 803-  
345-4232.

Very truly yours,

*MD Quintor* for  
John L. Skolds

ARR:nkk  
Enclosures

c: O. W. Dixon  
R. R. Mahan  
R. J. White  
S. D. Ebner (w/enclosures)  
G. F. Wunder (w/enclosures)  
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NRC Resident Inspector  
J. B. Knotts Jr.  
R. B. Clary (w/enclosures)  
C. C. Barbier (w/enclosures)  
RTS (REM 6000-2)  
File (810.39)