

SOUTH CAROLINA ELECTRIC & GAS COMPANY

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E.H. CREWS, JR.
VICE-PRESIDENT AND GROUP EXECUTIVE
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July 1, 1980

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
Reactor Vessel Internal Modification

Dear Mr. Denton:

As discussed with Mr. Ralph Meyers of the Core Performance Branch, South Carolina Electric and Gas Company, acting for itself and as agent for South Carolina Public Service Authority, informs you that Westinghouse Electric Corporation has informed us that two Westinghouse plants with reactor vessel internals similar to the Virgil C. Summer Nuclear Station have experienced fuel rod damage as a result of water jetting through the reactor vessel lower internals baffle gaps. Although other plants with this same design have not experienced this problem, Westinghouse has evaluated the condition and recommends a modification be made to the reactor vessel lower internals.

This modification will be as follows:

- (1) Install edge bolts the full length of the baffle plate on all center injection joints.
- (2) Inspect all baffle joints (both center and corner injection) to determine the areas that must be repaired to meet the baffle gap acceptance criteria.
- (3) Repeen all knife edge configuration areas.
- (4) Peen or repeen, as required, all other areas to meet baffle gap acceptance criteria.

Boo!
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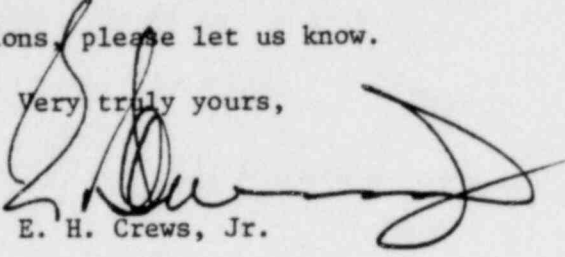
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In addition to this modification, which will be completed prior to fuel loading, a visual inspection of the fuel assemblies at the center injection joints will be performed during the first refueling to determine if there are indications of fuel rod fretting damage due to baffle jetting.

If you have any questions, please let us know.

Very truly yours,


E. H. Crews, Jr.

RBC:EHC:jw

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