

SOUTH CAROLINA ELECTRIC & GAS COMPANY

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T.C. NICHOLS, JR.
VICE PRESIDENT AND GROUP EXECUTIVE

August 28, 1980

(Nuclear Operations)

Mr. James P. O'Reilly, Director
U. S. Nuclear Regulatory Commission
Region II, Suite 3100
101 Marietta Street, N. W.
Atlanta, Georgia 30305

Subject: Virgil C. Summer Nuclear Station
Docket No. 50/395
Potential Significant Deficiency
Full Penetration Attachment Welds on
Class I Piping
Nuclear Engineering File 3.1051

Dear Mr. O'Reilly:

On July 30, 1980, Mr. Bob McFarland of NRC-OIE Region II was notified of a potential significant deficiency under the provisions of 10CFR50.55(e) regarding lack of full penetration welds for attachments to Class I pipe. This is a violation of design requirements.

These welds were made by ASME qualified welders using approved procedures. The welds were examined by magnetic particle or liquid penetrant methods in accordance with approved procedures; however, the lack of full penetration was uncovered only after these welds were radiographed. The film revealed incomplete penetration and/or incomplete fusion.

This finding has been documented on site (NCN-2137) and will be dispositioned by reworking the Class I attachment welds to provide full penetration as required. Inspection will be verified by RT or UT that full penetration welds have been achieved.

In addition to the above corrections for the Class I lines, Class II and Class III full penetration pipe attachments will be inspected and evaluated, including both field and shop welds. The evaluation will consist of measuring the actual fillet reinforcement of welds to determine whether sufficient weld metal is available to carry the design loads.

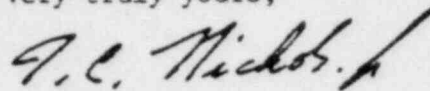
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This is an interim report on this matter. Further information will be furnished after completion of the above evaluation. If there are any questions, please contact us.

Very truly yours,



T. C. Nichols, Jr.

HR:TCN:rh

cc: V. C. Summer
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