

SOUTH CAROLINA ELECTRIC & GAS COMPANY

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

August 25, 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 30303

Subject: Virgil C. Summer Nuclear Station
Docket No. 50/395
I&E Bulletin No. 80-16 dated 6/27/80 and
Potential Substantial Safety Hazard of
Rosemount Transmitters
Nuclear Engineering Files 2.8950 & 3.1051

Dear Mr. O'Reilly:

Our letter to you dated 4/29/80 provided you with an interim report on a potential substantial safety hazard concerning Rosemount model 1152 pressure transmitters. Your letter dated 6/1/80 required action by us within sixty (60) days in response to IE Bulletin 80-16 concerning the same transmitter problem.

We have reviewed our safety related applications of Rosemount model 1152 pressure transmitters with output codes "A" or "D". We find that none can be exposed to input pressures that could result in anomalous output signals during normal operation, anticipated transients or design basis accidents. We do not use Rosemount model 1151 transmitters in any safety related applications.

We have also reviewed our non-safety related applications of Rosemount model 1151 and 1152 pressure transmitters with output codes "A" or "D". We found that false instrument outputs caused by an overrange condition could result from nine (9) model 1152 and three (3) model 1151 transmitters which are used to monitor flow in lines where a high flow condition caused by a pipe break or crack can be postulated. Even though potential erroneous indications or alarms from these instruments will not affect safe plant shut-down, we plan to modify or replace them to prevent possible false outputs during high flow conditions.

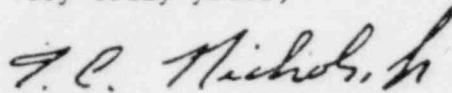
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This is the final report on this matter with regard to the reporting aspects of the substantial safety hazard (10CFR21). Since the IEB required a schedule for accomplishing corrective action and that schedule is not finalized at this time, this letter is an interim report with regard to the IEB. If you have any questions, please let us know.

Very truly yours,



T. C. Nichols, Jr.

SMC:TCN:rh

cc: H. T. Babb
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