

SOUTH CAROLINA ELECTRIC & GAS COMPANY

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E. H. CREWS, JR.  
VICE-PRESIDENT AND GROUP EXECUTIVE  
ENGINEERING AND CONSTRUCTION

April 29, 1980

Mr. James F. 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  
Potential Substantial Safety Hazard  
Rosemount Model 1152 Pressure Transmitters  
Nuclear Engineering File 3.1051

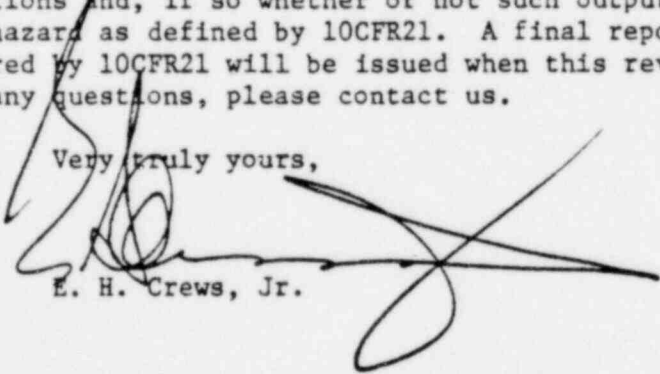
Dear Mr. O'Reilly:

On March 25, 1980, Mr. Mike Heffley of NRC Region II was notified orally of a potential substantial safety hazard concerning Rosemount model 1152 pressure transmitters.

Rosemount informed us of the potential problem for our evaluation and possible reporting. In summary, Rosemount has found in tests on a limited sample of transmitters that a normal output between 4 and 20 mA can occur for an over-range condition with input pressures greater than 140% of the upper range limit or for an under-range condition exceeding 100% of the span.

We are continuing to review each of our applications of this model transmitter to determine if erroneous outputs might occur during normal or accident system conditions and, if so whether or not such outputs constitute a substantial safety hazard as defined by 10CFR21. A final report providing all information required by 10CFR21 will be issued when this review is completed. If you have any questions, please contact us.

Very truly yours,

  
E. H. Crews, Jr.

SMC:EHC:rh

cc: H. T. Babb  
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