



Gilbert/Commonwealth engineers and consultants

GILBERT ASSOCIATES, INC., P. O. Box 1498, Reading, PA 19603/Tel. 215 775-2600/Cable Gilasoc/Telex 836-431

May 9, 1983

N. R. BARKER
Vice President and General Manager
Quality Assurance Division

United States Nuclear Regulatory Commission
Office of Inspection and Enforcement
Washington, D.C. 20555

Attention: Mr. R. C. DeYoung

Re: Reportable Event
Blow-Out Panels in East and West
Penetration Areas

Dear Mr. DeYoung:

This documents my telephone report under the provisions of 10CFR21 to
Mr. George Lavik and Mr. Bill Mills on May 6, 1983, at approximately 2:45 p.m.

Individual Who Reported

Mr. Norman R. Barker, Vice President and General Manager,
Quality Assurance Division - Gilbert Associates.

Facility Involved

V. C. Summer Nuclear Station Unit 1, South Carolina Electric and Gas Company
(SCE&G).

Activity Involved

Operation of Feedwater Loop 'B' Flow Transmitter IFT-487 and related tubing
relative to the function of the Blow-Out Panels in the East and West Penetration
Access Areas.

Nature of Defect

Designed blow-out panels in the wall between the East Penetration Area (EPA)
and the intermediate building proper during a pipe break event may impact
and cause damage to the Main Feedwater Loop 'B' Flow Transmitter (IFT-487).
The loss or damage to this transmitter and associated instrument tubing
coincident with a feedwater line B or C break in the EPA and a single active
failure in the redundant instrument channel might constitute significant
degradation of plant safety.

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Date Information Attained

The QAD General Manager was informed on April 20, 1983 that the evaluation of reportability of this issue was not known and further evaluation was required. The evaluation has determined the issue to be reportable.

Corrective Action

Gilbert Associates has designed a structural framing system to protect the Flow Transmitter and related instrument tubing. The design has been submitted to SCE&G for implementation. Applicability to other plants designed by Gilbert/Commonwealth was evaluated and no similar situation exists. Note that, for operating units, Gilbert may not have current plant design information.

If you require any further information on this matter, please contact me at (215) 775-2600, Extension 7545.

Very truly yours,



N. R. Barker
Vice President and General Manager
Quality Assurance Division

NRB:kb

cc: H. Lorenz
T. M. Demers
R. C. DeYoung - 2
U. Potapovs - NRC Region IV
Document Management Branch