

Gilbert/Commencement
Engineers & Constructors

PART 21 IDENTIFICATION NO. 80-317-001 COMPANY NAME Engineers & Constructors

DATE OF LETTER 12/11/80 DOCKET NO. 150-395

DATE DISTRIBUTED 12/17/80 a.m. ORIGINAL REPORT ☐ SUPPLEMENTARY ☒

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PDR

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PDR

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TERA

ACTION:

PRELIMINARY EVALUATION OF THE ATTACHED REPORT INDICATES LEAD RESPONSIBILITY FOR FOLLOWUP AS SHOWN BELOW:

IE ☒

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OTHER ☐

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REV. 8/1/80
9/17/80
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Gilbert/Commonwealth engineers and consultants

GILBERT ASSOCIATES, INC., P. O. Box 1488, Reading, PA 19603 Tel. 215-775-2500/Cable Gilasoc/Telex 836-431

December 11, 1980

50-395

United States Nuclear
Regulatory Commission
Region I
631 Park Avenue
King of Prussia, PA 19406

ATTENTION: Mr. Boyce H. Grier
Director

SUBJECT: Potential Reportable Event
Service Water Pump Speed Switch Control

Dear Mr. Grier:

In accordance with 10CFR21 requirements, this is to document that Mr. S. D. Ebner of Region I was notified by telephone on December 10, 1980, at approximately 8:15 a.m., of a potential reportable event.

Name of Individual Who Reported

Stephen J. Torma - Manager, Inspection & Material Services, who was acting for the Quality Assurance Division General Manager, made the call.

Activity Involved

Gilbert Associates, Inc. (GAI) design of control circuitry for service water pump speed switch.

Components Involved

Not applicable.

Facility Involved

V. C. Summer Nuclear Station, Unit 1, being constructed by the South Carolina Electric & Gas Company.

US Nuclear Regulatory Commission
Mr. E. H. Grier
N. R. Barker

December 11, 1980

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Nature of Defect

The signal from the load sequencer for the service water pump speed switch to go to high speed on loss of off-site power was a momentary contact. The speed switch operated, but then dropped back to low speed when the contact dropped out. This deficiency was discovered and documented during routine testing.

The safety hazard which could be created, is possible inadequate service water flow.

Date Information Obtained

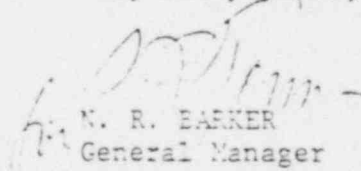
A written report indicating this to be potentially reportable, was received by the Quality Assurance Division on December 4, 1980, from GAI Engineering.

Corrective Action

The circuitry has been redesigned to include a seal-in interlock. We have determined that this condition does not exist on any of our other design projects. No further action is planned.

If you require any further information on this matter, please contact me at (215) 775-2600, extension 2285.

Very truly yours,


N. R. BARKER
General Manager
Quality Assurance Division

cc: H. Lorenz
T. M. Demers
V. Stello, Director, Office of Inspection & Enforcement - 3 copies
Nuclear Regulatory Commission, Washington, D.C. 20555

RCH:NRB:lra