

ATTACHED IS A PART 21 REPORT FROM IE MAIL UNIT - ROOM 359E/W

PART 21 IDENTIFICATION NO. 80-191-003 COMPANY NAME South Carolina Electric & Gas Co.

DATE OF LETTER 3/5/80 DOCKET NO. Summer

DATE DISTRIBUTED 3/12/80 ORIGINAL REPORT SUPPLEMENTARY

DISTRIBUTION:

REACTOR(R)

FUEL CYCLE &

SAFEGUARDS(S)

MATERIALS(M)

NRR/DOR, DIRECTOR

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AD/ROI (2)

REGIONS

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LOEB/MPA MNB 5715

CENTRAL FILES (CHRON)

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CENTRAL FILES - SS-396

LOEB/MPA MNB 5715

ACTION:

PRELIMINARY EVALUATION OF THE ATTACHED REPORT INDICATES LEAD RESPONSIBILITY FOR FOLLOW-UP AS SHOWN BELOW:

IE

NRR

NMSS

OTHER

RCI

ROI

SG

FFMSI

SOUTH CAROLINA ELECTRIC & GAS COMPANY

POST OFFICE BOX 764

COLUMBIA, SOUTH CAROLINA 29218

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

March 5, 1980

80-191-003

Mr. James P. O'Reilly
Office of Inspection and Enforcement
United States Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 3100
Atlanta, Georgia 30303

Subject: Virgil C. Summer Nuclear Station
Reportable Significant Deficiency
Colt Diesel Generators
Nuclear Engineering File - 3.1051

Dear Mr. O'Reilly:

On January 14, 1980 Colt Industries reported a failure of a thrust bearing in a diesel generator installed at the Virgil C. Summer Nuclear Station as a 10CFR 21 item. Under the South Carolina Electric and Gas Company program this item is considered a substantial safety hazard defined under 10CFR 21 and is being reported as a significant deficiency under 10CFR 50.55(e). SCE&G's initial evaluation completed on January 21, 1980 determined this item not to be a substantial safety hazard. However, recent discussions with Region II personnel resulted in a reevaluation of this item. This item was orally reported to Mr. Jack Skolds, Resident NRC Inspector, on March 4, 1980. Detailed information of the problem is described in Attachment 1.

Corrective action is in progress. A final report will be made when the results of Colt's evaluation of apparent successful operation of the unit during shop testing is received. If you have any questions, please let us know.

Very truly yours,


E. H. Crews, Jr.

RBC:EHC:jw

cc: Division of Inspection and Enforcement

ATTACHMENT 1

1. Name and Address of Reporting Individual

Mr. Ronald B. Clary - P. O. Box 764 - Columbia, South Carolina, 29218

2. Identification of Basic Component

Crankshaft thrust bearing on 1A diesel generator.

3. Identification of Firm Supplying Component

Colt Industries, Fairbanks Morse Engine Division
701 Lawton Avenue, Beloit, Wisconsin, 53511.

4. Nature of Defect, Substantial Safety Hazard Created, Evaluation

Plugs were omitted in the oil supply system for the crankshaft thrust bearing thus causing diversion of oil from the bearing to the sump in the bearing housing. The omission of the plug was discovered during on site preoperational testing of the diesel unit. Since failure of the bearing results in failure of the diesel generator, this would leave only one diesel generator available, and a substantial safety hazard could exist. Assuming a single failure in the remaining diesel generator train the ability of the plant to safely shutdown could be affected.

5. Date Information of Defect was Obtained

The failure occurred on January 9, 1980 and was documented on a Startup Field Report the same day. Colt Industries subsequently informed the NRC of a 10CFR 21 item on January 14, 1980.

6. Number and Location of Defects

The plug omission occurred only in diesel generator 1A. Diesel generator 1B was inspected and found to have the plugs properly installed.

7. Corrective Action

The thrust bearing and thrust collar are being replaced and plugs are being installed. SCE&G is awaiting an evaluation by Colt to explain apparent successful operation of the diesel unit during factory testing prior to shipment.

8. Advise

None.