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

.

PART 21 IDENTIFICATION NO. 80-191-	and a set at a set of the set of the set of the set
DATE OF LETTER 3/5-180 DOCKE	M. Summer Sas Co.
DATE DISTRIBUTED 3/12/80	ORIGINAL REPORT SUPPLEMENTARY
DISTRIBUTION:	

REACTOR(R)	FUEL CYCLE &	SAFEGUARDS(S)	
NRR/DOR, DIRECTOR NRR/DPM DIRECTOR AD/ROI (2) AD/RCI REGIONS IE FILES (2) CENTRAL FILES CENTRAL FILES (CHRON) PDB LPDR TERA LOEB/NPA MB 5715	AD/FFMSI NMSS/FCMS REGIONS IE FILES PDR LPDR CENTRAL FILES-SS-396 CENTRAL FILES(CHRON) (016) TERA LOEB/MPA MNB 5715	AD/SG-IE AD/ROI REGIONS NRR/DOR, DIRECTOR NMSS/SG SS-881 PDR LPDR TERA IE FILES (2) CENTRAL FILES 016 CENTRAL FILES (CHRON) CENTRAL FILES - SS-396	
ACTION:	LE ATTACUED DEDODT INDICATE	LOEB/MPA MNB 5715	

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

IEX	NRR	MMSS	OTHER
RCI ROI SG FFMSI			
FFMSI			

REV. 2/26/80 8004020292 1

### 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

80-191-00 3

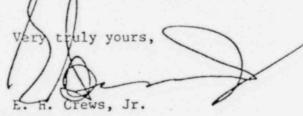
Mr. James P. O'Reilly Office of Inspection and Enforcement United States Nuclear Regulatory Commission Region II 101 Marietta Street, NW, Suite 3100 Atlanta, Georgia 30303

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. A If you have any questions, please let us know.



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 IA. Diesel generator IB 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.