

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

PART 21 IDENTIFICATION NO. 80-191-001 COMPANY NAME Colt Industries

DATE OF LETTER 3/5/80 DOCKET NO. 50-483

DATE DISTRIBUTED 3/10/80 ORIGINAL REPORT SUPPLEMENTARY

DISTRIBUTION:

REACTOR(R)

FUEL CYCLE &

SAFEGUARDS(S)

MATERIALS(M)

NRR/DOR, DIRECTOR

AD/FFMSI

AD/SG-IE

NRR/DFM DIRECTOR

NMSS/FCMS

AD/ROI

AD/ROI (2)

REGIONS

REGIONS

AD/RCI

IE FILES

NRR/DOR, DIRECTOR

REGIONS

PDR

NMSS/SG SS-881

~~IE FILES (2)~~

LPDR

PDR

CENTRAL FILES

CENTRAL FILES-SS-396

LPDR

CENTRAL FILES (CHRON)

CENTRAL FILES(CHRON)
(016)

TERA

PDR

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IE FILES (2)

LPDR

CENTRAL FILES 016

TERA

LOEB/MPA MNB 5715

CENTRAL FILES (CHRON)

LOEB/MPA MNB 5715

CENTRAL FILES - SS-396

ACTION:

LOEB/MPA MNB 5715

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

IE

NRR

NMSS

OTHER

RCI

ROI

SG

FFMSI

8004140156

REV. 2/26/80

Colt Industries



Fairbanks Morse
Engine Division
701 Lawton Avenue
Beloit, Wisconsin 53511
608/364-4411

83-191-001

DEK
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3-

March 5, 1980

50-483

Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Ill. 60137

Attention: Mr. James G. Keppler, Director, Region III

Subject: Colt Industries-Fairbanks Morse Engine Division
Emergency Diesel Generators
South Carolina Electric & Gas Co.-Summer Station
January 14, 1980 Part 21 Report-Failed Engine Thrust Bearing
Supplement No. 1
SNUPPS-Callaway No. 1

Gentlemen:

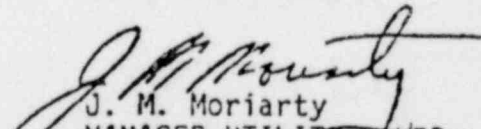
We have completed our inspections of the crankshaft thrust bearings on the two PC-2.5 generator sets at Union Electric's, Callaway Unit One. The plugs were properly installed in both units. Both units are free of the reported potential defect.

Our earlier report indicated we were evaluating the design to permit explanation of the apparent satisfactory operation of the South Carolina Electric & Gas Unit during shop tests in our factory prior to shipment followed by failure during start-up at the Summer site. These units are equipped with large capacity external thrust bearings to permit satisfactory operation under high fore and aft forces resulting from a seismic event. The actual load imposed on these bearings during shop tests is very low and perhaps zero. We have concluded that the bearing was lightly loaded during shop tests, did not fail during such tests, but subsequently failed.

We will be inspecting other shipped units prior to initial operation and will report the results of those inspections as they are made.

A copy of this report is being forwarded to the utilities involved.

Very truly yours,


J. M. Moriarty
MANAGER UTILITY SALES

JMM:jc

MAR 7 1980

A division of the Colt Industries Operating

U. S. Nuclear Regulatory Commission
March 5, 1980 - Page 2

cc: South Carolina Electric & Gas Co.
P. O. Box 764
Columbia, South Carolina 29218
Attention: Mr. Dan Nauman
 Manager, Quality Assurance & Security

Bechtel Power Corp.
P. O. Box 607
Gaithersburg, Md. 20760
Attention: SNUPPS Project Engineer