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**Florida
Power**
CORPORATION

July 1, 1981
3-0-3-a-1
CS-81-139
3-071-03

Docket No. 50-302
Licensee No. DPR-72
LER No. 81-030/03L-0
Crystal River Unit #3
Occurrence Date: May 26, 1981



Mr. J.P. O'Reilly, Director
U.S. Nuclear Regulatory Commission
Office of Inspection & Enforcement
101 Marietta St., Suite 3100
Atlanta, GA 30303

Dear Mr. O'Reilly:

Enclosed please find Licensee Event Report 80-030/03L and the attached supplementary information sheet, which are submitted in accordance with Technical Specification 6.9.1.9.b.

This report is not, however, in compliance with Technical Specification 6.9.1.9. in that it is being submitted after the 30 day report period. This delay was caused by a office location change for Dr. Patsy Baynard and resulting delays in mail delivery. The problem has been resolved and future submittals will be made in a timely manner.

Should there be any questions, please contact us.

Very truly yours,

Florida Power Corporation

[Signature]
Nuclear Plant Manager

JC/mjd

Attachments(2)

[Signature]
Ratsy Y. Baynard
Manager,
Nuclear Support Services

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SUPPLEMENTARY INFORMATION

Report No.: 50-302/81-030/03L-0

Facility: Crystal River Unit 3

Report Date: July 1, 1981

Occurrence Date: May 26, 1981

Identification of Occurrence:

Emergency Diesel Generator "B" failed to start contrary to Technical Specification 3.8.1.1.

Conditions Prior to Occurrence:

Mode 1 power operation.

Description of Occurrence:

At 0705 while performing SP-354, Emergency Diesel Fuel Oil Quality and Diesel Generator Monthly Test, emergency diesel generator "B" shut down from the "ready" condition. A restart attempt resulted in a start failure. Maintenance was initiated and operability was restored at 1230. At 2340 on June 16, 1981 after a loss of offsite power, emergency diesel generator "B" again failed to start. Maintenance was initiated and operability was restored at 1827 on June 17, 1981.

Designation of Apparent Cause:

The cause of the shutdown from the "ready" condition and the start failure on May 26, 1981 remained indeterminate following investigation. Special testing subsequent to the June 16, 1981 event revealed a maladjusted timing relay in the starting circuit.

Analysis of Occurrence:

Redundancy was provided by one emergency diesel generator and at least one independent offsite power supply. There was no effect upon the health or safety of the general public.

Corrective Action:

The surveillance frequency of SP-354 was doubled after the May 26, 1981 event. The increased frequency will be maintained through August 15, 1981 to provide a more rigorous check of diesel operability. The timing relay was adjusted and is now included in the surveillance program. Actions are being taken to improve data collection for use in troubleshooting investigations.

Failure Data:

This was the seventh and eighth time emergency diesel generator "B" failed to start and this is the twenty-third event reported under this Specification.