

28 December 1979

3-0-3-a-1  
CS-79-370

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

Docket No. 50-302  
Licensee No. DPR-72  
LER No. 79-108/03L-0  
Crystal River Unit #3  
Occurrence Date:  
1 December 1979

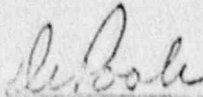
Dear Mr. O'Reilly:

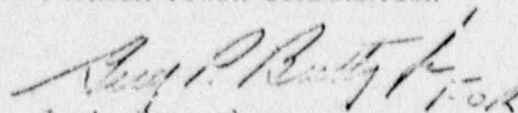
Enclosed please find Licensee Event Report 79-108/03L-0 and the attached supplementary information sheet, which are submitted in accordance with Technical Specification 6.9.1.9.b.

Should there be any questions, please contact us.

Very truly yours,

FLORIDA POWER CORPORATION

  
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Nuclear Plant Manager

  
J. A. Hancock  
Director, Nuclear Operations

JC/rc  
Attach: (2)

SUPPLEMENTARY INFORMATION

Report No.: 50-302/79-108/03L-0  
Facility: Crystal River Unit #3  
Report Date: 21 December 1979  
Identification of Occurrence: Emergency Diesel Generator, 1B inoperable contrary to Technical Specification 3.8.1.1.

Conditions Prior to Occurrence:

Mode 1 power operation (100%).

Description of Occurrence:

At 0050, it was reported that the standby cooling pump (DJP-4) on Emergency Diesel Generator 1B had failed. Remaining AC sources were verified operable at 0150 in compliance with the Action Statement requirements of Technical Specification 3.8.1.1. Investigation revealed that the bearings had failed on the standby cooling pump. The bearings were replaced and DJP-4 was returned to service. Emergency Diesel Generator 1B was declared operable at 0730. Following satisfactory completion of Surveillance Procedure SP-354.

Designation of Apparent Cause:

The cause of the event is attributed to bearing failure on the standby cooling pump.

Analysis of Occurrence:

No effect upon the plant or general public. Remaining AC sources were verified operable as per the Action Statement requirements. As a result of this event, diesel lube oil temperature decreased to approximately 70°F. According to the manufacturer's Tech Manual, operation of the diesel with the lube oil temperature less than 90°F may cause damage to the main lube oil pump due to higher viscosity oil.

Corrective Action:

The standby cooling pump (DJP-3) on emergency diesel generator 1A was inspected and the bearings were replaced to prevent a similar occurrence. Modification has been written to raise the lube oil low temperature alarm setpoint above the minimum temperature required for safe operation per the manufacturer's Tech. Manual.

Failure Data:

This is the first occurrence of this type reported.