

APPROVE
3150-0011

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CON'T

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

NAME OF PREPARER

Walter T. Christopher

PHONE

(205) 729-0889

LER SUPPLEMENTAL INFORMATION

BFRO-50- 296 / 83033 Technical Specification Involved 3.9.B.2

Reported Under Technical Specification 6.7.2.b.(2) * Date Due NRC 7/1/83

Event Narrative:

Unit 1 was in a refueling outage; unit 2 was in startup at less than 1-percent power; and unit 3 was operating normally at 84-percent power. Unit 3 was affected by this event. On June 1, 1983, during a daily inspection, it was discovered that diesel generator 3EA lube oil circulating pump motor had tripped off. The diesel generator was declared inoperable (Technical Specification 3.9.B.2). The auxiliary oil system operates continuously and upon engine shutdown maintains engine oil temperature and lubrication for fast starting. It also provides cooling oil to remove residual heat from the turbocharger bearing after shutdown. The oil temperature gives an alarm "Diesel Generator Trouble" if oil temperature drops below its setpoint. This alarm did not come in. However, the diesel generator was made inoperable for repairs to the oil pump. The oil pump tripped due to worn bearings in the motor. The motor, Delco model No. 12724-Y1, was replaced. There was no effect on the public health and safety. The diesel generator was returned to service within the time limits as specified by Technical Specification 3.9.B.2. The three remaining unit 3 diesel generators were operable, two offsite power sources were available and all of the core spray and residual heat removal systems were operable. These bearings are replaced periodically. This event is considered a random failure and no recurrence control is required.

* Previous Similar Events:

BFRO-50-296/80020

Retention: Period - Lifetime; Responsibility - Document Control Supervisor

*Revision: JLP

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
1750 Chestnut Street Tower II

June 30, 1983

USNRG REGION II
ATLANTA, GEORGIA
JUL 1 1983
9:49

Mr. James P. O'Reilly, Director
U.S. Nuclear Regulatory Commission
Suite 2900
101 Marietta Street, NW
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

TENNESSEE VALLEY AUTHORITY - BROWNS FERRY NUCLEAR PLANT UNIT 3 - DOCKET
NO. 50-296 - FACILITY OPERATING LICENSE DPR-68 - REPORTABLE OCCURRENCE
REPORT BFRO-50-296/83033

The enclosed report provides details concerning the failure of motor
bearings on diesel generator 3EA lube oil circulating pump motor. This
report is submitted in accordance with Browns Ferry unit 3 Technical
Specification 6.7.2.b(2).

Very truly yours,

TENNESSEE VALLEY AUTHORITY



H. J. Green
Director of Nuclear Power

Enclosure

cc (Enclosure):

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Records Center
Institute of Nuclear Power Operations
Suite 1500
1100 Circle 75 Parkway
Atlanta, Georgia 30339

NRC Inspector, Browns Ferry

OFFICIAL COPY