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LICENSEE EVENT REPORT

CONTROL BLOCK

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

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LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT NR

REPORT
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DUCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

During normal operation, while performing monthly vibration tests on 480V RMOV board MG sets, high-vibration readings were detected on the coupling of the 3DA set. The motor-generator set was removed from service for repair (TS 3.9.B.11). There was no effect on public health and safety. Redundant systems were operable.

SYSTEM
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CODECAUSE
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COMPONENT CODE

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LEAD NO
REPORT
NUMBER

EVENT YEAR

SEQUENTIA
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OCCURRENCE
CODEREPORT
TYPEREVISION
NOACTION FUTURE
TAKEN ACTIONEFFECT
ON PLANTSHUTDOWN
METHOD

HOURS

ATTACHMENT
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FORM SUBPRIME COMR.
SUPPLIERCOMPONENT
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CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

The coupling seal ring of the Dodge Co. coupling on the Louis Allis motor-generator set was damaged from excessive removal and resulted in a lubrication leak. The lubrication level was low causing high vibration. The coupling and seal rings were replaced. Preventive maintenance program will be revised by 2/1/83.

STATUS

N POWER

OTHER STATUS

METHOD OF
DISCOVERY

DISCOVERY DESCRIPTION

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Preventive maintenance

ACTION FUTURE
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NHC USE ONLY

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Tennessee Valley Authority
 Browns Ferry Nuclear Plant

Form BF 17
 BF 15.2
 2/12/82

LER SUPPLEMENTAL INFORMATION

BFRO-50-296 / 83005 Technical Specification Involved 3.9.B.11

Report Under Technical Specification 6.7.2.b(2) * Date Due NRC 1/21/83

Event Narrative:

Unit 1 was operating at 100-percent power; unit 2 was in a refueling outage; and unit 3 was operating at 100-percent power. Only unit 3 was affected by this event.

On December 21, 1982, during the performance of a monthly vibration test on 480V RMOV motor-generator sets, a high-vibration reading was detected on the coupling of 3DA motor-generator set. The motor-generator set was removed from service for repair (Technical Specification 3.9.B.11). On December 23, 1982 the coupling and coupling seal rings were replaced to resolve the vibration problem. The apparent cause of the vibration was a slight lubricant leak in the coupling seal ring resulting in a low lubricant level in the coupling. The leak was a result of excessive removal of the seal ring during preventive maintenance inspections. The preventive maintenance program is being revised to prevent recurrence of problems. The revision will be completed by February 1, 1983.

There was no effect on public health and safety. There was no significant occurrence as a result of the event. Redundant systems were operable.

Previous Similar Events:

BFRO-50-259/8205, 8193, 8181, 8170
 296/8111, 8169

These previous LERs resulted from repairs required on Waldron-manufactured shaft couplings. This report results from repairs required on a Dodge Company shaft coupling.

Retention: Period - Lifetime; Responsibility - Document Control Supervisor

*Revision: JRP