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REPORT SOURCE

L	6	0	5	0	0	0	2	9	6	7	0	1	2	8	8	3	8	0	2	2	4	8	3	9
60	61								68	69						74	75							80
DOCKET NUMBER										EVENT DATE								REPORT DATE						

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | During reactor shutdown, monthly vibration checks revealed that the generator/
0 3 | flywheel ball bearing on 480V RMOV board 3EN motor-generator set was developing
0 4 | high vibration levels. The set was removed from service for repair (T.S. 3.9.B.11).
0 5 | There was no effect on public health and safety. Redundant systems were available
0 6 | and operable.
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0 8 |
7 8 9

0 9		SYSTEM CODE E B		CAUSE CODE E		CAUSE SUBCODE F		COMPONENT CODE M E C F U N						COMP. SUBCODE Z		VALVE SUBCODE Z													
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24												
LER/RO REPORT NUMBER		EVENT YEAR 8 3		SEQUENTIAL REPORT NO. 0 0 7		OCCURRENCE CODE 0 3		REPORT TYPE L		REVISION NO. 0		ACTION TAKEN A		FUTURE ACTION Z		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0 0 0 0		ATTACHMENT SUBMITTED Y		NPRD-4 FORM SUB. N		PRI: IE COMP. SUPPLIER L		COMPONENT MANUFACTURER L 2 8 0	
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

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Suspected cause of deterioration of the bearing is normal wear during the life of the
1 1 bearing in normal operation resulting in high vibration levels. The motor-generator
1 2 set was manufactured by Louis Allis Company. The bearing was replaced. No recur-
1 3 rence control is required.
1 4

FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION	
1	5	G	28	0	0	0	29	N/A	30
ACTIVITY CONTENT		RELEASED OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE			
1	6	Z	33	Z	34	N/A	35	N/A	36
PERSONNEL EXPOSURES		NUMBER		TYPE		DESCRIPTION			
1	7	0	0	0	37	Z	38	N/A	39
PERSONNEL INJURIES		NUMBER		DESCRIPTION					
1	8	0	0	0	40			N/A	41
LOSS OF OR DAMAGE TO FACILITY		TYPE		DESCRIPTION					
1	9	Z	42					N/A	43
PUBLICITY		ISSUED		DESCRIPTION					
2	0	N	44					N/A	45
PDR		ADOCK		05000296		PDR		NRC USE ONLY	

NAME OF PREPARER James R. Aaron

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LER SUPPLEMENTAL INFORMATION

BFRO-50- 296 / 83007 Technical Specification Involved 3.9.B.11

Reported Under Technical Specification 6.7.2.b.(2) * Date Due NRC 2-27-83

Event Narrative:

Unit 1 was operating at 88-percent power; unit 2 was in a refueling outage; and unit 3 was in cold shutdown. Only unit 3 was affected by this occurrence.

On January 27, 1983 during the performance of a monthly vibration test on 480-V reactor motor-operated valve motor-generator sets, a high-vibration reading was detected on the generator/flywheel bearing of 3EN motor-generator set. The motor-generator set was removed from service for repair (Technical Specification 3.9.B.11) on January 28, 1983. The bearing was replaced to resolve the vibration problem. The apparent cause of the vibration was normal wear during the life of the bearing in the continuously operating motor-generator set. The bearing had operated for 2-1/2 years (the entire life of the MG set). No recurrence control is required.

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-50-296/82043, 81056

Retention: Period - Lifetime; Responsibility - Document Control Supervisor

*Revision: JRP