

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) PALISADES NUCLEAR PLANT	DOCKET NUMBER (2) 0 5 0 0 0 2 5 5	PAGE (3) 1 OF 0 1
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TITLE (4)  
Inoperable Auxiliary Feedwater Pump P-8B

EVENT DATE (5)			LER NUMBER (8)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)		
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES		DOCKET NUMBER(S)
0	9	08	84	019	0	0	1	00	NA		0 5 0 0 0
0	9	08	84	019	0	0	1	00	NA		0 5 0 0 0

OPERATING MODE (9) N	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)									
POWER LEVEL (10) 0 8 1 0	<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.408(c)	<input type="checkbox"/> 80.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)						
	<input type="checkbox"/> 20.408(a)(1)(i)	<input type="checkbox"/> 80.38(c)(1)	<input type="checkbox"/> 80.73(a)(2)(v)	<input type="checkbox"/> 73.71(a)						
	<input type="checkbox"/> 20.408(a)(1)(ii)	<input type="checkbox"/> 80.38(c)(2)	<input type="checkbox"/> 80.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 365A)						
	<input type="checkbox"/> 20.408(a)(1)(iii)	<input checked="" type="checkbox"/> 80.73(a)(2)(i)	<input type="checkbox"/> 80.73(a)(2)(vii)(A)							
	<input type="checkbox"/> 20.408(a)(1)(iv)	<input type="checkbox"/> 80.73(a)(2)(ii)	<input type="checkbox"/> 80.73(a)(2)(vii)(B)							
<input type="checkbox"/> 20.408(a)(1)(v)	<input type="checkbox"/> 80.73(a)(2)(iii)	<input type="checkbox"/> 80.73(a)(2)(ix)								

LICENSEE CONTACT FOR THIS LER (12)

NAME David W. Rogers; Technical Engineer; Palisades	TELEPHONE NUMBER 6 1 6 7 6 4 - 8 9 1 3
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COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)									
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS
X	SB	65	E220	Y					

SUPPLEMENTAL REPORT EXPECTED (14) <input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)	<input checked="" type="checkbox"/> NO	EXPECTED SUBMISSION DATE (15)
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ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (18)

During power operation on September 5, 1984, at 2158, surveillance testing of Auxiliary Feedwater Pump P-8B [P;BA] revealed overspeeding problems. Consequently, P-8B was declared inoperable. Palisades Technical Specification 3.5.2(a) allows operation with one auxiliary feedwater pump inoperable for a period of 72 hours.

Maintenance activity and further testing were not successful in returning P-8B to an operable status within the 72 hour LCO. A Plant shutdown was commenced as required by Palisades Technical Specifications at 2158 on September 8, 1984. Cold shutdown condition was achieved at 1951 on September 9, 1984.

Investigation into the overspeeding problem resulted in the discovery that the mechanical governor [65;SB] on the pump's turbine driver [TRB;SB] had a failed bearing assembly and a bent spindle. The bearing assembly failure was due to a lack of adequate lubrication. The spindle is presumed to have become damaged as a result of the bearing assembly failure.

The damaged components were subsequently replaced. The lubrication system for the bearing assembly was properly adjusted. Auxiliary Feedwater Pump P-8B was satisfactorily tested and declared operable. A periodic maintenance program is being developed for the mechanical governor which will incorporate vendor recommendations.

No threat to health or safety resulted.

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Consumers  
Power  
Company

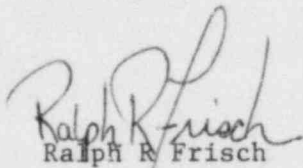
General Offices: 1945 West Parnall Road, Jackson, MI 49201 • (517) 788-0550

October 8, 1984

US Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

DOCKET 50-255 - LICENSE DPR-20 -  
PALISADES PLANT - LICENSEE EVENT REPORT 84-019 - INOPERABLE AUXILIARY  
FEEDWATER PUMP P-8B

Attached please find Licensee Event Report 84-019 (Inoperable Auxiliary  
Feedwater Pump P-8B) which is reportable to the NRC per 10 CFR 50.73(a)(2)(1).



Ralph R. Frisch

Senior Licensing Analyst

CC Administrator, Region III, USNRC  
Director, Office of Nuclear Reactor Regulation  
NRC Resident Inspector - Palisades

Attachment

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