

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Palisades Nuclear Plant	DOCKET NUMBER (2) 050000P155	PAGE (3) 1 OF 2
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TITLE (4)  
FAILED PRIMARY COOLANT PUMP P-50C

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)		
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES		DOCKET NUMBER(S)
09	16	84	84	021	00	10	31	84	N/A		050000
									N/A		050000

OPERATING MODE (9) N	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)											
POWER LEVEL (10) 000	20.402(b)			20.406(c)			80.73(a)(2)(iv)			73.71(b)		
	20.406(a)(1)(i)			80.36(e)(1)			80.73(a)(2)(v)			73.71(e)		
	20.406(a)(1)(ii)			80.36(e)(2)			80.73(a)(2)(vi)			OTHER (Specify in Abstract below and in Text, NRC Form 366A)		
	20.406(a)(1)(iii)			80.73(a)(2)(i)			80.73(a)(2)(vii)(A)					
	20.406(a)(1)(iv)			80.73(a)(2)(ii)			80.73(a)(2)(vii)(B)					
	20.406(a)(1)(v)			80.73(a)(2)(iii)			80.73(a)(2)(x)					

LICENSEE CONTACT FOR THIS LER (12)									
NAME David W Rogers; Technical Engineer; Palisades Nuclear Plant							TELEPHONE NUMBER 616764-8913		

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	ABP		B580	Y						

SUPPLEMENTAL REPORT EXPECTED (14)							EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR
<input checked="" type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)									11	30	84
<input type="checkbox"/> NO											

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

On September 16, 1984, Primary Coolant Pump P-50C was shutdown due to failure of all seals except the vapor seal. Prior to seal failure reactor power was at ~60%. Subsequent pump disassembly on October 1, 1984 determined that the volts and pins coupling the pump shaft to the impeller had failed as well as significant wearing of pump internal stationary and rotating components. Investigation to determine the failure cause has not been completed. Preliminary results indicate the probable cause may be improper assembly of either the rotating element or the pump. Repairs to the damaged primary coolant pump are being completed. A detailed analysis of the event will be submitted as an update to this LER when the cause investigation is completed.

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Consumers  
Power  
Company

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

October 31, 1984

US Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

DOCKET 50-255 - LICENSE DPR-20 -  
PALISADES PLANT - LICENSEE EVENT REPORT 84-021 (FAILED PRIMARY COOLANT PUMP  
P-50C)

Attached please find Licensee Event Report 84-021 (Failed Primary Coolant  
Pump P-50C) which is reportable to the NRC per 10 CFR 50.73(a)(2)(ii).

*Ralph R Frisch*

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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