

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) PALISADES NUCLEAR PLANT	DOCKET NUMBER (2) 0 5 0 0 0 1	PAGE (3) 1 OF 01
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TITLE (4)
Low Pressure Safety Injection Control Valve (CV-3006) Not Fully Open

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	03	84	84	017	00	10	03	84	NA		0 5 0 0 0 2 5 5
									NA		0 5 0 0 0 1 1

OPERATING MODE (9) N

POWER LEVEL (10) 0 1 0 1 0

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 6: (Check one or more of the following) (11)

20.402(b)	20.408(e)	80.73(a)(2)(iv)	78.71(b)
20.408(a)(1)(i)	80.73(a)(1)	80.73(a)(2)(v)	78.71(e)
20.408(a)(1)(ii)	80.73(a)(2)	80.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 206A)
20.408(a)(1)(iii)	80.73(a)(2)(i)	80.73(a)(2)(vii)(A)	
20.408(a)(1)(iv)	80.73(a)(2)(ii)	80.73(a)(2)(vii)(B)	
20.408(a)(1)(v)	80.73(a)(2)(iii)	80.73(a)(2)(v)	

LICENSEE CONTACT FOR THIS LER (12)

NAME David W. Rogers; Technical Engineer; Palisades	TELEPHONE NUMBER AREA CODE 6 1 1 6 7 6 4 4 - 1 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
A	B	PFCV	B	Y					

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE) NO

EXPECTED SUBMISSION DATE (15) MONTH 1 DAY 2 YEAR 0 1 8 4

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

On September 3, 1984, at 1702, an auxiliary operator discovered Low Pressure Safety Injection Flow Control Valve CV-3006 [FCV;BP] to be less than fully open. Visual observation of the valve stem indicated that the valve was open approximately 2½ inches of the 4 inch full open stroke. Palisades Technical Specification 3.3.1(h) requires CV-3006 to be open as a condition for reactor criticality. The reactor was critical, in hot standby condition at the time of discovery. The valve was subsequently hand jacked to the full open position.

Investigation determined that the valve could not be stroked further than 3¼ inches (other than manually) toward the full open position due to misadjusted packing. The packing was excessively tight, resulting in a binding condition during valve stroking. Further investigation is in progress.

Investigation of the safety significance of CV-3006 being only partially open is also incomplete. The valve is required to be open in order to pass flow from the low pressure safety injection pumps [P;BP] in the event of an accident situation requiring low pressure safety injection [BP]. Since the valve was not fully open, uncertainty exists as to whether the valve could pass the minimum required flow assumed for accident analyses. Safety injection from the high pressure safety injection pumps [P;BQ] and from the safety injection tanks [TK;BP] remained unaffected. Additional information will be provided in a supplemental report.

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Consumers
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Company

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October 3, 1984

US Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

DOCKET 50-255 - LICENSE DPR-20 -
PALISADES PLANT - LICENSEE EVENT REPORT 84-017 - LOW PRESSURE INJECTION
CONTROL VALVE (CV-3006) NOT FULLY OPEN

Attached please find Licensee Event Report 84-017 (Low Pressure Injection
Control Valve (CV-3006) Not Fully Open) which is reportable to the NRC per
10 CFR 50.73(a)(2)(i).

Ralph R Frisch
Senior Licensing Analyst

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

Attachment