

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 2	
TITLE (4) Containment Isolation Actuation																
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)			
									NA				0 5 0 0 0			
0 4	0 1	8 4	8 4	0 0 2	0	0 0	4 2	6 8	NA				0 5 0 0 0			
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)														
POWER LEVEL (10)		20.402(b)				20.406(c)				<input checked="" type="checkbox"/> 50.73(a)(2)(iv)				73.71(b)		
0 0 0		20.406(a)(1)(i)				50.36(a)(1)				50.73(a)(2)(v)				73.71(c)		
		20.406(a)(1)(k)				50.36(a)(2)				50.73(a)(2)(vii)				OTHER (Specify in Abstract below and in Text, NRC Form 366A)		
		20.406(a)(1)(h)				50.73(a)(2)(ii)				50.73(a)(2)(viii)(A)						
		20.406(a)(1)(iv)				50.73(a)(2)(iii)				50.73(a)(2)(viii)(B)						
		20.406(a)(1)(v)				50.73(a)(2)(iii)				50.73(a)(2)(x)						
LICENSEE CONTACT FOR THIS LER (12)																
NAME David W Rogers; Technical Engineer; Palisades										TELEPHONE NUMBER						
										AREA CODE 6 1 6 7 6 4 - 8 9 1 3						
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs						
SUPPLEMENTAL REPORT EXPECTED (14)												EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)												<input checked="" type="checkbox"/> NO				

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

On April 1, 1984, with refueling operations in progress, operators inadvertently struck an area radiation monitor with a pole that was being used to reposition reactor cavity auxiliary lighting. Physical contact with the radiation monitor resulted in an automatic actuation of containment isolation. No safety consequences result from the incident.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES 8/31/85

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			

TEXT (If more space is required, use additional NRC Form 305A's) (17)

During refueling operations on April 1, 1984, at 1246, area Radiation Monitor RIA-2317 (RA;JE) was inadvertently struck while operators were attempting to reposition auxiliary lighting in the reactor cavity. Physical contact with the radiation monitor resulted in an automatic actuation of containment isolation. No threat to public health or safety, or other safety consequence, resulted.

The monitor is one of two such monitors located in containment at the reactor cavity elevation, and is used exclusively during refueling operations. The minimum actuation logic for containment isolation during refueling requires a one-out-of-two channel actuation. Upon receipt of the containment isolation alarm, refueling operations were suspended.

The incident is considered an isolated occurrence, caused by inattention in assuring adequate clearance between the radiation monitor and the pole which was being used to reposition auxiliary lighting. Consequently, no corrective action to prevent recurrence is planned.

The radiation monitor was visually checked for damage; no damage was evident. An area survey was performed by Health Physics personnel using portable survey equipment. Meter response on RIA-2317 was determined to be consistent with portable survey readings, as well as with the remaining area radiation monitor (RIA-2316) at the reactor cavity elevation. Lastly, RIA-2317 meter response to variations in external radiation levels was verified to be acceptable by exposing the monitor to a radiation check source.



Consumers
Power
Company

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

April 26, 1984

US Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

DOCKET 50-255 - LICENSE DPR-20 -
PALISADES PLANT - LICENSEE EVENT REPORT 84-002 -
(CONTAINMENT ISOLATION ACTUATION)

Attached please find Licensee Event Report 84-002 (Containment Isolation Actuation) which is reportable to the NRC per 10 CFR 50.73(a)(2)(iv).

Brian D Johnson
Staff Licensing Engineer

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

Attachment