

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) PALISADES PLANT	DOCKET NUMBER (2) 0 5 0 0 0 2 5 5	PAGE(S) 1 OF 0 2
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TITLE (4)
INADVERTENT REACTOR TRIP AND CONTAINMENT ISOLATION RECEIVED DURING TESTING WHEN SHUT DOWN

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 NAME(S)			DOCKET NUMBER(S)
									N/A			0 5 0 0 0
0	1	26	8	6	8	6	0	0	N/A			0 5 0 0 0

OPERATING MODE (9) **N**

POWER LEVEL (10) **0.10 h**

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

<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.406(e)	<input checked="" type="checkbox"/> 80.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)
<input type="checkbox"/> 20.406(a)(1)(i)	<input type="checkbox"/> 80.36(a)(1)	<input type="checkbox"/> 80.73(a)(2)(v)	<input type="checkbox"/> 73.71(a)
<input type="checkbox"/> 20.406(a)(1)(ii)	<input type="checkbox"/> 80.36(a)(2)	<input type="checkbox"/> 80.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 388A)
<input type="checkbox"/> 20.406(a)(1)(iii)	<input type="checkbox"/> 80.73(a)(2)(i)	<input type="checkbox"/> 80.73(a)(2)(vii)(A)	
<input type="checkbox"/> 20.406(a)(1)(iv)	<input type="checkbox"/> 80.73(a)(2)(ii)	<input type="checkbox"/> 80.73(a)(2)(vii)(B)	
<input type="checkbox"/> 20.406(a)(1)(v)	<input type="checkbox"/> 80.73(a)(2)(iii)	<input type="checkbox"/> 80.73(a)(2)(viii)	

LICENSEE CONTACT FOR THIS LER (12)

NAME R A Fenech, Technical Engineer, Palisades	TELEPHONE NUMBER
	AREA CODE: 6 1 6 NUMBER: 7 6 4 - 8 9 1 3

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUF. TURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUF. TURER	REPORTABLE TO NPROS

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE) NO

EXPECTED SUBMISSION DATE (15)

MONTH	DAY	YEAR

ABSTRACT (Limit to 1400 spaces. Approximately fifteen single-space typewritten lines) (16)

On January 26, 1986 with the plant shut down for refueling and the reactor protection system reset for testing, a reactor trip and containment isolation unexpectedly occurred. This was caused by tripping the output breaker on Preferred AC bus Y30. The breaker was tripped during a post-maintenance check when the door interlock to the inverter for Y30 was released in a manner that tripped the breaker.

The event was discussed with the electrician and no additional action was taken since the occurrence was due to a physical slip while performing a difficult but routine procedure.

No additional risk to the health and safety of the public resulted.

There are no referenced LERs of similar occurrences.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) PALISADES PLANT	DOCKET NUMBER (2) 0 5 0 0 0 2 5 5	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		8 6 -	0 0 8 -	0 0	0 2	OF 0 2

TEXT (If more space is required, use additional NRC Form 388A's) (17)

Description of Event

On January 26, 1986 at 1017 hours, with the plant in refueling shutdown and with the reactor protection system reset for testing, a reactor trip and containment isolation unexpectedly occurred.

During a post-maintenance check, an electrician inadvertently jarred the output breaker operating handle while releasing the door interlock to the inverter for preferred AC bus Y30 [BU;EF]. This caused the breaker to open and deenergize Y30. Since another preferred AC bus, Y10 [BU;EF], was already deenergized for service work the loss of Y30 caused a 2/4 reactor trip and containment isolation. A turbine trip signal was also initiated, resulting in the autostart of both diesel generators.

Power to Y30 was subsequently restored and the reactor protection system reset.

Cause of Event

The procedure to release the door interlock on the inverter cabinet to preferred AC bus Y30 requires the insertion of a screwdriver for release. In this particular case, the breaker handle was moved enough to open the breaker and thereby cause the event. This was a physical slip by the electrician while attempting a difficult but routinely performed task.

Analysis of Event

This event resulted in no additional risk to the health and safety of the public since the plant was in refueling shutdown and all systems functioned as required when the trip signal occurred.

Corrective Action

The incident has been reviewed with the electrician so that he is aware of the sensitive nature of these breakers.

Additional Information

No previous similar events.



Consumers
Power
Company

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

February 25, 1986

US Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

DOCKET 50-255 - LICENSE DPR-20 - PALISADES PLANT -
LICENSEE EVENT REPORT 86-008- INADVERTENT REACTOR TRIP AND CONTAINMENT
ISOLATION RECEIVED DURING TESTING WHEN SHUT DOWN

Licensee Event Report (LER) 86-008, (Inadvertent Reactor Trip and Containment
Isolation Received During Testing When Shut Down) is attached. This event is
reportable to the NRC per 10CFR50.73(a)(2)(f).

Brian D Johnson
Staff Licensing Engineer

CC Administrator, Region III, USNRC
NRC Resident Inspector - Palisades

Attachment

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