

July 21, 2008

10 CFR 50.73(a)(2)(iv)(A)

U. S. Nuclear Regulatory Commission ATTN: Document Control Desk Washington, DC 20555-0001

Palisades Nuclear Plant Docket 50-255 License No. DPR-20

Licensee Event Report 08-003, Reactor Protection System and Auxiliary Feedwater System Actuation

Dear Sir or Madam:

Licensee Event Report (LER) 08-003 is enclosed. The LER describes an automatic actuation of the reactor protection system and the auxiliary feedwater system. The occurrence is reportable in accordance with 10 CFR 50.73(a)(2)(iv)(A).

Summary of Commitments

This letter contains no new commitments and no revisions to existing commitments.

Lahan

Christopher J. Schwarz Site Vice President Palisades Nuclear Plant

Enclosure (1)

CC Administrator, Region III, USNRC Project Manager, Palisades, USNRC Resident Inspector, Palisades, USNRC

ENCLOSURE 1

LER 08- 003

Reactor Protection System and Auxiliary Feedwater System Actuation

2 Pages Follow

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NRC FORM 366A U.S. NUCLEAR REGULATORY COM (9-2007) LICENSEE EVENT REPORT (LER) CONTINUATION SHEET									
1. FACILITY NAME	2. DOCKET	(3. PAGE						
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER					
PALISADES NUCLEAR PLANT	05000255	2008	- 001 -	00	2	OF	2		

EVENT DESCRIPTION

On May 23, 2008, at 1249 hours, with the plant in Mode 1 at 100% power, an actuation of the 346 negative sequence generator relay [87;EL] caused an actuation of the 386C coastdown lockout relay [86;EL]. The 386C relay actuation caused the main generator output breakers [BKR;FK] in the switchyard to open, causing a turbine [TRB;EL] trip, which actuated the reactor protective system [JC] to trip the reactor [RCT;AB]. As expected, the auxiliary feedwater system [BA] started automatically to recover steam generator [SG;AB] level.

There were no inoperable structures, systems, or components at the start of this event that contributed to the event. The normal heat sink (main condenser) remained available.

The event is reportable in accordance with 10 CFR 50.73(a)(2)(iv)(A) as an event that resulted in an actuation of both the reactor protection system and the auxiliary feedwater system.

CAUSE OF THE EVENT

The cause of the generator negative sequence relay actuation could not immediately be determined. The relay spuriously failed.

CORRECTIVE ACTIONS

The relay was replaced and sent to ABB for analysis. The problem could not be reproduced at ABB.

The relay 346 current transformer circuitry and associated wiring will be inspected for degradation during a future outage.

SAFETY SIGNIFICANCE

The event is considered to be of very low safety significance. All safety systems functioned as expected.

PREVIOUS SIMILAR EVENTS

None

NRC FORM 366A (9-2007)