

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) PALISADES PLANT DOCKET NUMBER (2) 0500021551 OF 013

TITLE (4) DELIVERY ERROR RESULTS IN FUEL OIL TANK LOW LEVEL

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	DOCKET NUMBER(S)		
02	21	86	86	01	0	03	24	86	N/A	050000		
									N/A	050000		

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

OPERATING MODE (9) N	20.402(b)	20.408(a)	90.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) 0100	20.408(a)(1)(i)	90.38(a)(1)	90.73(a)(2)(v)	73.71(a)
	20.408(a)(1)(ii)	90.38(a)(2)	90.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 305A)
	20.408(a)(1)(iii)	90.73(a)(2)(i)	90.73(a)(2)(vii)(A)	
	20.408(a)(1)(iv)	90.73(a)(2)(ii)	90.73(a)(2)(vii)(B)	
	20.408(a)(1)(v)	90.73(a)(2)(iii)	90.73(a)(2)(viii)	
	20.408(a)(1)(vi)	90.73(a)(2)(iv)	90.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME R A Fenech, Technical Engineer, Palisades TELEPHONE NUMBER 6116 764 - 8913

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE) NO X

EXPECTED SUBMISSION DATE (15)

ABSTRACT (Limit to 1600 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

On February 21, 1986, with the plant in hot shutdown, the volume of oil contained in the fuel oil storage tank was reduced to less than the minimum level required by Technical Specifications. This represented a condition outside of Technical Specification requirements.

The fuel oil was depleted by normal usage in the plant heating boilers. A delivery of oil was properly ordered prior to the low level. The vendor truck driver arrived and departed without delivery due to adverse road conditions. The Shift Supervisor was not notified to provide available compensatory actions. Subsequently, an alternate supplier made delivery.

Security personnel were notified of this occurrence and the proper actions which should have been taken. The vendor will also be notified.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 6	0 1 2	0 0	0 2	OF	0 3

TEXT (If more space is required, use additional NRC Form 386A's) (17)

Description of Event

At 0040 on February 21, 1986, with the plant in hot shutdown, the volume of oil contained in Fuel Oil Storage Tank T-10 [OC, TK] declined to an amount that was less than the minimum required by Technical Specifications. Technical Specification 3.7.1 requires a minimum of 16,000 gallons of fuel to be present in T-10 when the Primary Coolant System is above 325 degrees. No exceptions to this requirement are provided in Technical Specifications. Therefore, with the T-10 level less than 16,000 gallons, Technical Specification 3.0.3 was determined to be applicable. Technical Specification 3.0.3 provides that, when a Limiting Condition for Operation or an associated action requirement cannot be satisfied because of circumstances in excess of specifications, within one hour action shall be taken to place the unit in a condition in which the minimum requirements are satisfied. From hot shutdown, the plant is required to achieve cold shutdown within 24 hours.

The sequence of events associated with this occurrence were as follows:

- 2/20/86 0755 Fuel oil delivery ordered for T-10.
- Unknown Supplier arrives and departs without making a delivery.
- 2325 T-10 level reaches 55.5% (16,160 gallons). Alternate supplier contacted for a fuel oil delivery.
- 2/21/86 0040 Fuel oil level less than minimum Technical Specification limit of 16,000 gallons. Unusual Event declared.
- 0355 Delivery in progress. Level reaches minimum Technical Specification level. Unusual Event secured.
- 0415 Fuel oil delivery complete. T-10 level at 84% (approximately 24,100 gallons) after addition of 9374 gallons.

Cause of the Event

Fuel oil is supplied from Storage Tank T-10 to various locations. The plant heating boilers utilize the majority of the oil during the winter. Therefore, a continuous rate of usage is expected from the tank.

Prior to a low level, operations personnel will contact a local supplier to have the tank filled with oil. The supplier was properly contacted at 0755 on February 20.

At 2325 on February 20, T-10 level was at 16,160 gallons. An investigation determined that the local supplier had arrived onsite and departed without making a delivery. The truck driver was concerned that the condition of the access road to the tank would prevent his departure after the delivery. The road involves an upward grade from the tank to the site access gate. Prior to departure, the truck driver notified the security personnel at the site access. The problems with the delivery were not properly communicated to the appropriate operations personnel. Corrective actions could have been taken if this information had been provided to the Shift Supervisor.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		86	012	00	03	OF 03

TEXT (If more space is required, use additional NRC Form 368A's) (17)

Corrective Actions

Security personnel were notified of this occurrence. These personnel have been directed to notify the Operations Shift Supervisor in the event of a similar event.

The fuel oil truck driver considered the access road condition to be inadequate for deliveries. This involved a personal judgement by the driver. The plant Shift Supervisor, had he been notified, could have requested our readily available road maintenance service to provide any necessary actions to improve the road condition. Therefore, no actions are necessary with respect to the accessibility of the fuel oil tank.

Analysis of the Event

The 16,000 gallons in Storage Tank T-10 is provided in addition to the individual emergency diesel generator day tanks. The 2700 gallons in each day tank is considered more than adequate since approximately 28 hours running time (worse case loading) is available before a transfer of fuel oil from T-10 is mandatory. The 16,000 gallons in the storage tank in combination with the day tanks will provide a diesel under required loading conditions for a minimum period of 7 days. It is considered incredible not to be able to secure fuel oil from one of several sources within a radius of 70 miles in less than three days under the worst of weather conditions. Based on the abundance of available fuel oil even with a low level in T-10, little additional risk is attributed to this occurrence.

Additional Information

No similar LERs.



Consumers
Power
Company

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March 24, 1986

US Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

DOCKET 50-255 - LICENSE DPR-20 - PALISADES PLANT -
LICENSEE EVENT REPORT 86-012 - DELIVERY ERROR RESULTS IN FUEL OIL
TANK LOW LEVEL

Licensee Event Report (LER) 86-012, (Delivery Error Results in Fuel Oil Tank
Low Level) is attached. This event is reportable to the NRC per
10CFR50.73(a)(2)(i).

Brian D Johnson
Staff Licensing Engineer

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

Attachment

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