

LICENSEE EVENT REPORT

CONTROL BLOCK:

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[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME: 01 ARARIRI | LICENSE NUMBER: 00-000000-00 | LICENSE TYPE: 41111 | EVENT TYPE: 03

CATEGORY: 01 CONT | REPORT TYPE: L | REPORT SOURCE: L | DOCKET NUMBER: 050-0313 | EVENT DATE: 071276 | REPORT DATE: 080376

EVENT DESCRIPTION

02 DURING STEADY-STATE POWER OPERATION (98% FP) AT 0905 HOURS ON JULY 12, 1976, A SAMPLE WAS TAKEN FROM THE SODIUM THIOSULFATE TANK (T-9). AN ANALYSIS FOUND T-9 TO BE BELOW THE 37,500 LB. SODIUM THIOSULFATE LIMIT. NOT A REPETITIVE OCCURRENCE. ADDED 956 LBS OF SODIUM THIOSULFATE TO T-9 ON JULY 13, 1976. (50-313/76-16)

SYSTEM CODE: 5A | CAUSE CODE: F | COMPONENT CODE: ZZZZZZ | PRIME COMPONENT SUPPLIER: Z | COMPONENT MANUFACTURER: ZAZAZA | VIOLATION: Y

CAUSE DESCRIPTION

08 A LEAK FROM T-9 INTO REACTOR BUILDING SPRAY SYSTEM IS SUSPECTED. ON JULY 13, 1976, 956 LBS. OF SODIUM THIOSULFATE WERE ADDED TO T-9.

FACILITY STATUS: E | % POWER: 098 | OTHER STATUS: NA | METHOD OF DISCOVERY: B | DISCOVERY DESCRIPTION: NA

FORM OF ACTIVITY RELEASED: Z | CONTENT OF RELEASE: Z | AMOUNT OF ACTIVITY: NA | LOCATION OF RELEASE: NA

PERSONNEL EXPOSURES

13 NUMBER: 000 | TYPE: Z | DESCRIPTION: NA

PERSONNEL INJURIES

14 NUMBER: 000 | DESCRIPTION: NA

OFFSITE CONSEQUENCES

15 NA

LOSS OR DAMAGE TO FACILITY

16 TYPE: Z | DESCRIPTION: NA

PUBLICITY

17 NA

ADDITIONAL FACTORS

18 NA

19 NA

POOR ORIGINAL

475

8004210

~~478~~

NAME: DAVID G. MARDIS

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1. Reportable Occurrence Report No. 50-313/76-16
2. Report Date: 8/3/76 3. Occurrence Date: 7/12/76
4. Facility: Arkansas Nuclear One-Unit 1
 Russellville, Arkansas
5. Identification of Occurrence:
 T-9 was below the 37,500 lb. $\text{Na}_2\text{S}_2\text{O}_3$ limit per Tech. Spec. 3.3.4B.

6. Conditions Prior to Occurrence:

Steady-State Power	<u> X </u>	Reactor Power	<u> 2517 </u>	MWth
Hot Standby	<u> </u>	Net Output	<u> 809 </u>	MWe
Cold Shutdown	<u> </u>	Percent of Full Power	<u> 98 </u>	%
Refueling Shutdown	<u> </u>	Load Changes During Routine Power Operation	<u> </u>	
Routine Startup Operation	<u> </u>			
Routine Shutdown Operation	<u> </u>			
Other (specify)	<u> </u>			

7. Description of Occurrence:

At 0905 hours on July 12, 1976, a sample was taken from the Sodium Thiosulfate Tank (T-9). An analysis found T-9 to be below the 37,500 lb. sodium thiosulfate limit.

8. Designation of Apparent Cause of Occurrence:

Design	_____	Procedure	_____
Manufacture	_____	Unusual Service Condition Including Environmental	_____
Installation/ Construction	_____	Component Failure	_____
Operator	_____		

Other (specify) X

Suspecting a leak from T-9 into the Reactor Building Spray System.

9. Analysis of Occurrence:

Since more sodium thiosulfate was added and 37,500 lbs. is a conservative estimate, there was no effect on the health and safety of the public.

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10. Corrective Action:

On July 13, 1976. 256 lbs. of sodium thiosulfate was added to T-9. Efforts are being made, including lapping of the isolation valves, to reduce this leakage.

11. Failure Data:

None.

March 23, 1976

NSP-10, Rev. 4

Attachment "C"
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