LICENSEE EVENT REPORT

CONTROL BLOCK: [ ] (1–8)

(PLEASE PRINT ALL REQUIRED INFORMATION)

	LICENSEE NAME	LICENSE NUMBER	LICENSE TYPE	EVENT TYPE
01	ARARKI	00-00000-00	4 1 1 1 1	03
(7–8, 9–14, 15–25, 26–30, 31–32)				

	CATEGORY	REPORT TYPE	REPORT SOURCE	DOCKET NUMBER	EVENT DATE	REPORT DATE
01 CON'T	[ ]	L	L	050-0313	071676	080376
(7–8)	(57–58)	(59)	(60)	(61–68)	(69–74)	(75–80)

EVENT DESCRIPTION

02 During steady-state power operation while running surveillance test on H_2 purge lead
03 system, H_2 purge inlet fan tripped and would not restart. While running
04 surveillance test on penetration room ventilation system, penetration room
05 ventilation system fan and filter bleed valve breakers tripped. Not a repetive occurrence.
06 Thermal overload setting was increased and ventilation dampers were adjusted to
07 decrease room temperature. (50-313/76-18)

	SYSTEM CODE	CAUSE CODE	COMPONENT CODE	PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER	VIOLATION
07	SH	E	CKTBRK	A	A180	N
(7–8, 9, 10, 11, 12–17, 43, 44–47, 48)						

CAUSE DESCRIPTION

08 Breakers in abnormally hot environment with thermal overload set too
09 low. Thermal overload setting increased and ventilation dampers
10 adjusted to decrease room temperature.

	FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
11	E	099	NA	B	NA
(7–8, 9, 10–12, 13–44, 45, 46–80)					

	FORM OF ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
12	Z	Z	NA	NA
(7–8, 9, 10, 11–44, 45–80)				

PERSONNEL EXPOSURES

	NUMBER	TYPE	DESCRIPTION
13	000	Z	NA
(7–8, 9–11, 12, 13–80)			

PERSONNEL INJURIES

	NUMBER	DESCRIPTION
14	000	NA
(7–8, 9–11, 12–80)		

POOR ORIGINAL

OFFSITE CONSEQUENCES

15 NA (7–8, 9–80)

LOSS OR DAMAGE TO FACILITY

	TYPE	DESCRIPTION
16	Z	NA
(7–8, 9, 10–80)		

PUBLICITY

17 NA (7–8, 9–80)

ADDITIONAL FACTORS

18 NA (8–9, 80)

19 8004210 480 (7–8, 9–80)

NAME: David G. Mardis PHONE: (501) 371-4496

GPO 881-667

1. Reportable Occurrence Report No. 50-313/76-18

2. Report Date: 8/3/76 3. Occurrence Date: 7/16/76

4. Facility: Arkansas Nuclear One-Unit 1
Russellville, Arkansas

5. Identification of Occurrence:

Breaker trip on H_2 purge and penetration room H&V system.

6. Conditions Prior to Occurrence:

Steady-State Power	X	Reactor Power	2542 MWth
Hot Standby		Net Output	808 MWe
Cold Shutdown		Percent of Full Power	99 %
Refueling Shutdown		Load Changes During Routine Power Operation	
Routine Startup Operation			
Routine Shutdown Operation			
Other (specify)			

7. Description of Occurrence:

On July 16, 1976 at 0632 hours, while running surveillance test on H_2 purge lead system, VSF-30A (H_2 purge inlet fan) tripped and would not restart. Fan had been running. for 1 hour.

On July 20, 1976 @ 0150 hours, while running surveillance test on penetration room ventilation lead system, VEF38A (Penetration room ventilation system fan) and CV2136 (Filter bleed valve) breakers tripped.

8. Designation of Apparent Cause of Occurrence:

Design	_____	Procedure	_____
Manufacture	_____	Unusual Service Condition Including Environmental	_____
Installation/ Construction	_____	Component Failure	_____
Operator	_____		
Other (specify)	X		

Thermal overload set too low and breaker in abnormally hot environment.

9. Analysis of Occurrence:

Standby system was proven operable. Either system will fulfill design requirements; therefore, the failure did not present a hazard to the health and safety of the public.

10. Corrective Action:

Thermal overload setting was increased and ventilation dampers were adjusted to decrease room temperature.

11. Failure Data:

None.