LICENSEE EVENT REPC

CONTROL BLOCK: [1 6] (PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME	LICENSE NUMBER	LICENSE TYPE	EVENT TYPE
ARARK1	00-00000-00	4111	03
7 8 9 14	15 25	26 30	31 32

CON'T	CATEGORY	REPORT TYPE	REPORT SOURCE	DOCKET NUMBER	EVENT DATE	REPORT DATE
01	[ ]	L	L	050-0313	01?77	0?0777
7 8	57 58	59	60	61 68	69 74	75 80

EVENT DESCRIPTION

02 AT HOT SHUTDOWN CONDITIONS DURING A ROUTINE WALK-THROUGH INVESTIGATION,
03 A PINHOLE LEAK WAS OBSERVED ON THE UPSTREAM PIPE-TO-VALVE WELD
04 OF VALVE RBV-77B. THIS EVENT WAS A REPETITIVE OCCURRENCE.
05 (50-313/77-5)
06

	SYSTEM CODE	CAUSE CODE	COMPONENT CODE	PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER	VIOLATION
07	ZZ	F	PIPEXX	Z	Zaaa	N
7 8 9	10	11	12 17	43	44 47	48

CAUSE DESCRIPTION

08 NA
09 THE REPAIR OF THE WELD IS SCHEDULED DURING THE CURRENT
REFUELING OUTAGE

	FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
11	D	000	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

OFFSITE CONSEQUENCES

15 NA

LOSS OR DAMAGE TO FACILITY

	TYPE	DESCRIPTION
16	Z	NA
7 8 9	10	80

PUBLICITY

17 NA

ADDITIONAL FACTORS

NA

19

8004140748

NAME: DAVID G. MARDIS PHONE 501/371-4496

GPO 881-667

1. Reportable Occurrence Report No. 50-313/77-5

2. Report Date: 3/7/77

3. Occurrence Date: 1/28/77

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

5. Identification of Occurrence: A pinhole leak on the upstream pipe-to-valve weld of Valve RBV-77B. This valve serves as a means of venting the "B" Reactor Coolant Pump seals during initial fill of the RCS.

6. Conditions Prior to Occurrence:

Steady-State Power		Reactor Power	0 MWth
Hot Standby		Net Output	0 MWe
Cold Shutdown		Percent of Full Power	0 %
Refueling Shutdown		Load Changes During Routine Power Operation	
Routine Startup Operation			
Routine Shutdown Operation			
Other (specify)	Hot Shutdown		

7. Description of Occurrence:

At approximately 0200 hours on January 28, 1977, during a routine walk-through inspection by Operations Personnel prior to cooldown for refueling, a pinhole leak was observed on the upstream pipe-to-valve weld of Valve RBV-77B.

8. Designation of Apparent Cause of Occurrence:

Design	_____	Procedure	_____
Manufacture	_____	Unusual Service Condition Including Environmental	_____
Installation/ Construction	_____	Component Failure (See Failure Data)	_____
Operator	_____		

Other (specify): Unknown

9. Analysis of Occurrence:

Since the Reactor Coolant System leak rate prior to shutdown was only approximately 0.5 GPM, there was no hazard to the health and safety of the public.

10. Corrective Action:

The repair of the weld is scheduled during the current refueling outage. A followup report will be submitted after the repair is completed.

11. Failure Data:

This is the second failure in this area. See Abnormal Occurrence Report 74-14.