

1. Reportable Occurrence Report No. 50-313/76-15
2. Report Date: 8/3/76 3. Occurrence Date: 7/7/76
4. Facility: Arkansas Nuclear One-Unit 1
 Russellville, Arkansas
5. Identification of Occurrence:
A cracked weld in the Resin Sluice line.

6. Conditions Prior to Occurrence:

Steady-State Power	<u> X </u>	Reactor Power	<u> 2414 </u>	MWth
Hot Standby	<u> </u>	Net Output	<u> 778 </u>	MWe
Cold Shutdown	<u> </u>	Percent of Full Power	<u> 94 </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)				

7. Description of Occurrence:

A leak was discovered at 0830 hrs. on 7/7/76 in the heat effected zone of valve CZ-65 (Resin Sluice Water to Spent Resin Storage Tank). The crack was approximately two inches long around the upstream weld of CZ-65.

8. Designation of Apparent Cause of Occurrence:

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

9. Analysis of Occurrence:

Due to location, all leakage was confined to the Reactor Auxiliary building and therefore presents no danger to the health and safety of the public.

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10. Corrective Action:

The defective weld was removed by cutting out the piping and replacing with a 3'-0" section of Schedule 10 piping.

11. Failure Data:

None.

March 23, 1976

NSP-10, Rev. 4

Attachment "C"
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LICENSEE EVENT REPORT

CONTROL BLOCK:

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[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME:

01	A	R	A	R	K	I
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 LICENSE NUMBER:

00	-	00	00	00	00	-	00
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 LICENSE TYPE:

4	1	1	1	1
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 EVENT TYPE:

03

CONT:

01	CON
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 CATEGORY:

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 REPORT TYPE:

L

 REPORT SOURCE:

L

 DOCKET NUMBER:

05	0	-	03	1	3
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 EVENT DATE:

07	07	76
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 REPORT DATE:

08	03	76
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EVENT DESCRIPTION

02 DURING STEADY-STATE POWER OPERATION (94% FP) AT 0830 HOURS ON JULY 7, 1976
03 A LEAK WAS DISCOVERED IN THE HEAT EFFECTED ZONE OF VALVE CZ-65 (RESIN
04 SLUICE WATER TO SPENT RESIN STORAGE TANK). THE CRACK WAS APPROXIMATELY
05 TWO INCHES LONG AROUND THE UPSTREAM WELD OF CZ-65. 7/8" OF A RETENTIVE
06 OCCURRENCE. THE DEFECTIVE WELD WAS REPLACED. (50-313/76-15)

SYSTEM CODE:

M	A
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 CAUSE CODE:

B

 COMPONENT CODE:

P	I	P	E	X	X
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 PRIME COMPONENT SUPPLIER:

Z

 COMPONENT MANUFACTURER:

Z	a	a	a
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 VIOLATION:

N

CAUSE DESCRIPTION

08 IMPROPER WELDING. NO DANGER TO THE HEALTH AND SAFETY OF THE
09 PUBLIC. THE DEFECTIVE WELD WAS REMOVED AND REPLACED WITH A
10 THREE FOOT SECTION OF SCHEDULE 10 PIPING.

FACILITY STATUS:

E

 % POWER:

09	4
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 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

NUMBER:

00	00
----	----

 TYPE:

Z

 DESCRIPTION:

NA

PERSONNEL INJURIES

NUMBER:

00	00
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 DESCRIPTION:

NA

OFFSITE CONSEQUENCES

DESCRIPTION:

NA

LOSS OR DAMAGE TO FACILITY

TYPE:

Z

 DESCRIPTION:

NA

PUBLICITY

DESCRIPTION:

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ADDITIONAL FACTORS

DESCRIPTION:

NA

DESCRIPTION:

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