

LICENSEE EVENT REPG...

CONTROL BLOCK:

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[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME:

01	A	R	I	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	1
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 EVENT TYPE:

0	3
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CATEGORY:

01	CONT
----	------

 REPORT TYPE:

L

 REPORT SOURCE:

L

 DOCKET NUMBER:

0	5	0	-	0	3	1	3
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 EVENT DATE:

0	1	2	0	7	7
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 REPORT DATE:

0	2	0	7	7	7
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EVENT DESCRIPTION

02 | During steady-state power (50% FP), a leak was discovered at a
03 | weld on the 3 inch side of a 3 1/2" reducer located in the resin
04 | transfer line for the spent fuel demineralizer. A section of the
05 | 2 inch line and the 3 1/2" reducer was cut out and replaced.
06 | (50-313/77-2)

SYSTEM CODE:

F	C
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 CAUSE CODE:

B

 COMPONENT CODE:

Z	Z	Z	Z	Z	Z
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 PRIME COMPONENT SUPPLIER:

Z

 COMPONENT MANUFACTURER:

Z	a	a	a
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 VIOLATION:

N

CAUSE DESCRIPTION

06 | N/A
09 | A section of the 2" line and the 3 1/2" reducer was cut out
and replaced

FACILITY STATUS:

E

 % POWER:

0	8	0
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 OTHER STATUS:

N/A

 METHOD OF DISCOVERY:

b

 DISCOVERY DESCRIPTION:

N/A

FORM OF ACTIVITY RELEASED:

Z

 CONTENT OF RELEASE:

Z

 AMOUNT OF ACTIVITY:

N/A

 LOCATION OF RELEASE:

N/A

PERSONNEL EXPOSURES

13 | NUMBER:

0	0	0
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 TYPE:

Z

 DESCRIPTION:

N/A

PERSONNEL INJURIES

14 | NUMBER:

0	0	0
---	---	---

 DESCRIPTION:

N/A

OFFSITE CONSEQUENCES

15 |

N/A

LOSS OR DAMAGE TO FACILITY

16 | TYPE:

Z

 DESCRIPTION:

N/A

PUBLICITY

17 |

N/A

ADDITIONAL FACTORS

18 |

N/A

19 |

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POOR ORIGINAL

8004150810

NAME: DAVID G. MARDIS

PHONE: (501) 371-4496

1. Reportable Occurrence Report No. 50-313/77-2
2. Report Date: 2/8/77 3. Occurrence Date: 1/20/77
4. Facility: Arkansas Nuclear One-Unit 1
Russellville, Arkansas
5. Identification of Occurrence:

Leak at a weld in the resin transfer line for the Spent-Fuel demineralizer.

6. Conditions Prior to Occurrence:

Steady-State Power	<u> x </u>	Reactor Power	<u> 2054 </u> MWth
Hot Standby	<u> </u>	Net Output	<u> 710 </u> MWe
Cold Shutdown	<u> </u>	Percent of Full Power	<u> 80 </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:

At 2130 hours on January 20, 1977, a leak was discovered at a weld on the 3 inch side of a 3"/2" reducer located in the resin transfer line for the Spent Fuel demineralizer. The 3"/2" reducer is approximately 6 inches from the demineralizer.

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)	<u> X </u>		
	Unknown		

9. Analysis of Occurrence:

Seepage having been a small amount and contained in a controlled area, there was no hazard to the health and safety of the public.

10. Corrective Action:

A section of the 2" line and the 3"/2" reducer was cut out and replaced.

11. Failure Data:

Cracks in the weld are similiar to the ones reported in ROR Numbers 76-28 and 76-34.