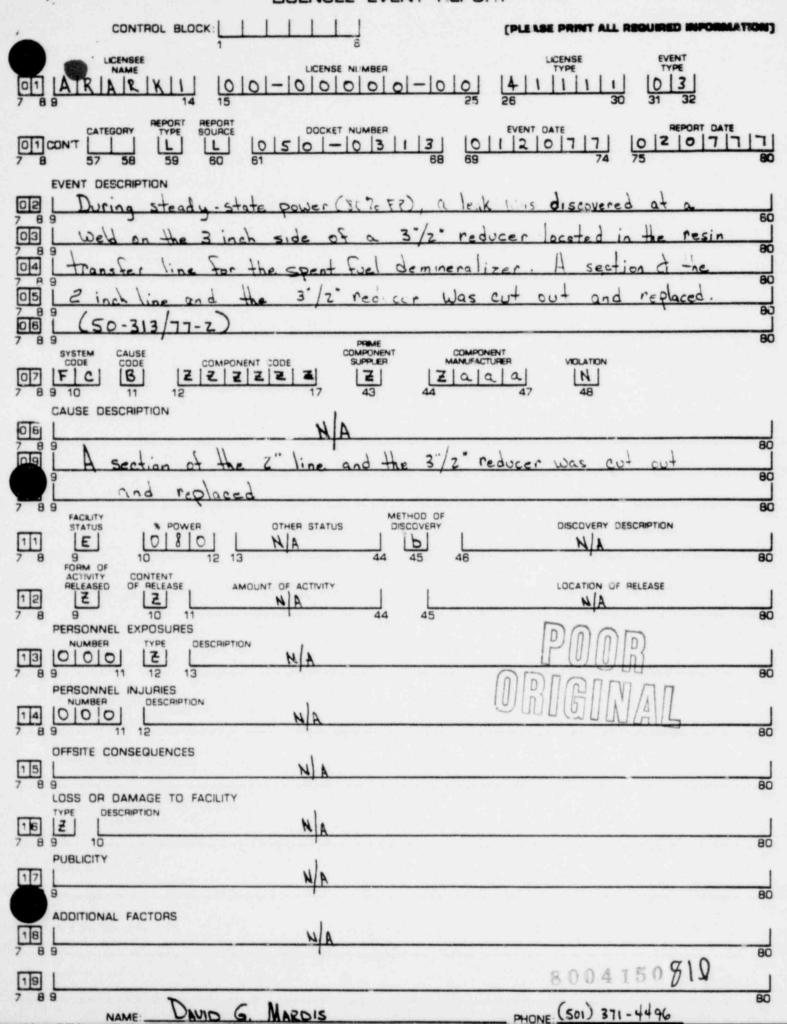
LICENSEE EVENT REPC. ..



- Reportable Occurrence Peport No. 50-313/77-2
 Report Date: 2/8/77
 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 Powerx	Reactor Power20	54 MWth
Hot Standby	Net Output	10 MWe
Cold Shutdown	Percent of Full Pow	ver 80 %
Refueling Shutdown	Load Changes During Power Operation	Routine
Routine Startup Operation	-	
Routine Shutdown Operation		

7. Description of Occurrence:

Other (specify)

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.

9. Analysis of Occurrence:

Unknown

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

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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.