Non-Routine,	Non-Radiological	Report	No.	50-313/74-3	

- 2. Report Date: 11-22-74 3. Occurrence Date: 11-21-74
- 4. Facility: Arkansas Nuclear One Unit 1

5. Identification of Occurrence:

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Fish kill on Intake Screens exceeding 3000 lbs. based on 24 hour samp

6. Conditions Prior to Occurrence:

Steady-State Power X	Reactor Power _	1926	MWth
Hot Standby	Net Output	650	MWe
Cold Shutdown	Percent of Full	Power	75 %
Refueling Shutdown			
Routine Startup Operation			
Routine Shutdown Operation			
Load Changes During Routine Power C		-	
Other (Specify) All four circul	ating water pumps	were in	n operati

7. Description of Occurrence:

During routine fish impingement monitoring 11-21-74 using procedure Monitoring Fish Impinged on ANO Intake Screens, 4182 lbs. of fish wa collected during a 24 hour period. This 24 hour period began 9:00 a November 20, and ended 10:30 a.m. November 21, 1974. A mixture ofand Threadfin Shad made up 99.9% of the total weight of fish. Other made up only .1% of the total weight. Threadfin Shad made up 97% o total weight of Shad.



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8. Designation of Apparent Cause of Occurrence:

Procedure
Unusual Service Condition Including
Environmental
Component Failure

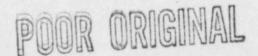
Other (Specify) The apparent cause was due to the unstable wat temperature in Lake Dardanelle during the firs weather of the winter season.

9. Analysis of Occurrence:

The only noticeable Environmental Impact was the removal of the mentioned fish from the lake. These fish were disposed of thre land fill operation, none were dumped into the discharge embayr

10. Co rective Action:

Corrective action was taken in accordance with procedure 1607 This included continuous monitoring for another 24 hour perio The findings of this were that only 2251 lbs. of fish were im



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11. Failure Data:

The circumstances of this report are similar to those reported in Non-Routine, Non-Radiological Environmental Reports No. 50-313/74-1 and 50-313/74-2.

12. Reviews and Approvals:

	Reviewed	and	Approved	by:	Plant	Safety	Com	nittee	9	Yes	(x)	No
					Plant	Superin	ntend	lent		Yes	(x)	No
					Refere	ence:	JWA-	695		Dat	:e: <u>11</u>	/26/.7
	Reviewed	by:		<i>lel</i> censin	A.T g Supe	Rel	An		Date:	_	129	174
	Approved	by:	y and the second	ty Rev		mitte		/	Date:	1	2-2	7;
	Approved	by:	the lot of the second sec	Vin r of N	yclean	· Servia	ces /	xt-	Date:	12	=/2,	174
	Approved	by:	Jamu.	11/1	la	ser u	(Date:	10	2.2	-74
	Approved	by:	.). 2	2.6	2.61	Product Cre-	tion		Date:	1.	<u> </u>	-7/
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