

**AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL**  
(TEMPORARY FORM)

CONTROL NO: 9271

FILE: ENVIRO

FROM: Duke Power Company Charlotte, N.C. 28201 A. C. Thies			DATE OF DOC 8-30-74	DATE REC'D 9-9-74	LTR X	TWX	RPT	OTHER
TO: A. Giambusso			ORIG 1 signed	CC	OTHER	SENT AEC PDR X SENT LOCAL PDR X		
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-269(270)287		

DESCRIPTION:  
Ltr trans the following:

**ENCLOSURES:**

Summary of Fish Impingement Data Per Intake  
Screen, dtd: 8-22-74.

**ACKNOWLEDGED**

PLANT NAME: Oconee Units 1, 2, & 3

**DO NOT REMOVE**

( 1 cy rec'd )

**FOR ACTION/INFORMATION**

9-9-74 CC

BUTLER(L)	SCHWENCER(L)	ZIEMANN(L)	REGAN(E)
W/ Copies	W/ Copies	W/ Copies	W/ Copies
CLARK(L)	STOLZ(L)	✓ DICKER(E)	LEAR(L)
W/ Copies	W/ Copies	W/ 2Copies	W/ Copies
PARR(L)	VASSALLO(L)	KNIGHTON(E)	
W/ Copies	W/ Copies	W/ Copies	W/ Copies
KNIEL(L)	✓ PURPLE (L)	YOUNGBLOOD(E)	
W/ Copies	W/ 1Copies(info)	W/ Copies	W/ Copies

**INTERNAL DISTRIBUTION**

✓ <del>REG FILE</del>	<u>TECH REVIEW</u>	✓ DENTON	<u>LIC ASST</u>	<u>A/T IND</u>
✓ <del>REG PDR</del>		GRIMES		BRAITMAN
OGC, ROOM P-506A	✓ SCHROEDER	GAMMILL	DIGGS (L)	SALTZMAN
✓ MUNTZING/STAFF	MACCARY	KASTNER	GEARIN (L)	B. HURT
CASE	KNIGHT	✓ BALLARD	GOULBOURNE (L)	<u>PLANS</u>
GIAMBUSO	PAWLICKI	SPANGLER	✓ KREUTZER (E)	MCDONALD
BOYD	SHAO		LEE (L)	CHAPMAN
MOORE (L)(EWR)	STELLO	<u>ENVIRO</u>	MAIGRET (L)	DUBE w/input
DEYOUNG(L)(FWR)	HOUSTON	MULLER	REED (E)	E. COUPE
SKOVHOLT (L)	NOVAK	DICKER	SERVICE (L)	
GOLLER(L)	ROSS	KNIGHTON	✓ SHEPPARD (L)	D. THOMPSON (2)
P. COLLINS	IPPOLITO	YOUNGBLOOD	SLATER (E)	KLECKER
DENISE	TEDESCO	REGAN	SMITH (L)	EISENHUT
REG OPR	LONG	PROJECT LDR	TEETS (L)	
✓ FILE & REGION (2)	LAINAS	✓ SCALETTI (2)	WILLIAMS (E)	
MORRIS	BENAROYA	HARLESS	WILSON (L)	
STEELE	VOLLNER			

**EXTERNAL DISTRIBUTION**

✓ 1 - LOCAL PDR Walhalla, S.C.	✓ (1) <del>XXXXXX</del> NATIONAL LABS ORNL	1-PDR-SAN/LA/NT
✓ 1 - TIC (ABERNATHY)	1-ASLBP(E/W Bldg, Rm 529)	1-BROOKHAVEN NAT LAB
✓ 1 - NSIC (BUCHANAN)	✓ 1-W. PENNINGTON, Rm E-201 GT	1-G. ULRICKSON, ORNL
1 - ASLB	1-B&M SWINEBROAD, Rm E-201 GT	1-AGMED (RUTH GUSEY)
1 - Newton Anderson	1-CONSULTANTS	- Rm E-127 GT
16 - ACRS HOLDING	NEWARK/BLUME/ACBABIAN	1-RD. MUELLER, To F
		GT

# Regulatory Docket File

## DUKE POWER COMPANY

POWER BUILDING

422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28201

A. C. THIES  
SENIOR VICE PRESIDENT  
PRODUCTION AND TRANSMISSION

P. O. Box 2178

August 30, 1974

Mr. Angelo Giambusso  
Deputy Director for Reactor Projects  
Directorate of Licensing  
Office of Regulation  
U. S. Atomic Energy Commission  
Washington, D. C. 20545

Re: Oconee Nuclear Station  
Docket Nos. 50-269, -270, -287

Dear Mr. Giambusso:

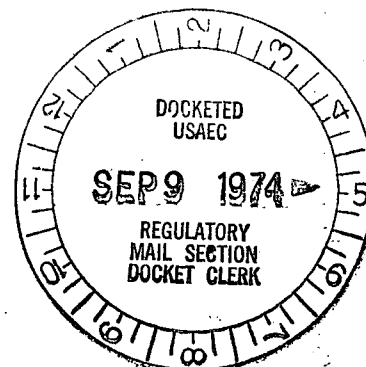
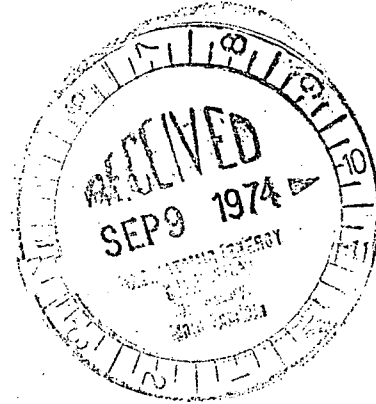
On August 22, 1974, six of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of 2,926 small fingerling fish, weighing 15.5 pounds, had collected on the screens during the two-week interval August 8 to August 22. The fish, averaging 0.08 ounces per fish, were removed from the screens and categorized, where possible, as to screen location, type, size, degree of decomposition, and weight. This information is tabulated in Enclosure 1. It is concluded that the mortality of these 15.5 pounds of fish had an insignificant effect on fisheries resources in Lake Keowee.

Very truly yours,

*A. C. Thies*  
A. C. Thies

ACT:vr  
Enclosure

cc: Mr. H. J. Logan  
S. C. Wildlife & Marine Resources Dept.



ENCLOSURE 1  
SUMMARY OF FISH IMPINGEMENT DATA PER INTAKE SCREEN  
August 22, 1974

<u>Intake Screen</u>	<u>Fish Impinged</u>		<u>Size Groups</u>		<u>Decomposition*</u>		<u>Weight</u>
1A1	Bluegill	86	2-4 cm	118	Class 1	0	3000 grams
	Yellow perch	71	4-6 cm	983	Class 2	43	
	Unidentified	<u>1167</u>	6-8 cm	196	Class 3	121	
		1324	8-10 cm	22	Class 4	<u>1160</u>	
			16-18 cm	2		1324	
			24-26 cm	3			
				<u>1324</u>			
1A2	Bluegill	70	2-4 cm	14	Class 1	0	300 grams
	Yellow perch	17	4-6 cm	196	Class 2	5	
	Crappies	2	6-8 cm	28	Class 3	83	
	Unidentified	<u>154</u>	8-10 cm	2	Class 4	<u>155</u>	
		243	14-16 cm	1		243	
			16-18 cm	1			
			18-20 cm	<u>1</u>			
			243				
2A1	Bluegill	255	2-4 cm	98	Class 1	0	1200 grams
	Yellow perch	103	4-6 cm	393	Class 2	25	
	Unidentified	<u>203</u>	6-8 cm	69	Class 3	340	
		561	8-10 cm	<u>1</u>	Class 4	<u>196</u>	
				561		561	
1A2	Bluegill	137	2-4 cm	122	Class 1	4	800 grams
	Yellow perch	53	4-6 cm	141	Class 2	3	
	Unidentified	<u>128</u>	6-8 cm	<u>55</u>	Class 3	189	
		318		318	Class 4	<u>122</u>	
						318	

\*Class 1 - No visible signs of decomposition  
 Class 2 - Slightly decomposed  
 Class 3 - Badly decomposed but identifiable  
 Class 4 - Badly decomposed, unidentifiable

ENCLOSURE 1 (Cont'd)  
SUMMARY OF FISH IMPINGEMENT DATA PER INTAKE SCREEN  
August 22, 1974

<u>Intake Screen</u>	<u>Fish Impinged</u>		<u>Size Groups</u>		<u>Decomposition*</u>		<u>Weight</u>
3A1	Bluegill	113	2-4 cm	167	Class 1	0	750 grams
	Yellow perch	42	4-6 cm	98	Class 2	0	
	Unidentified	<u>121</u>	6-8 cm	10	Class 3	158	
		276	12-14 cm	<u>1</u>	Class 4	<u>118</u>	
				276		276	
3A2	Bluegill	72	2-4 cm	102	Class 1	0	600 grams
	Yellow perch	41	4-6 cm	96	Class 2	0	
	Unidentified	<u>91</u>	6-8 cm	<u>6</u>	Class 3	113	
		204		204	Class 4	<u>91</u>	
						204	

\*Class 1 - No visible signs of decomposition  
 Class 2 - Slightly decomposed  
 Class 3 - Badly decomposed but identifiable  
 Class 4 - Badly decomposed, unidentifiable