

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:

ACKNOWLEDGED

PLANT NAME: Oconee Units 1, 2, & 3

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

DO NOT REMOVE
(1 cy rec'd)

FOR ACTION/INFORMATION 9-9-74 CC

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EXTERNAL DISTRIBUTION

✓1 - LOCAL PDR Walhalla, S.C.	✓(1) (XXXXXX) 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. ULRIKSON, 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	NEWMARK/BLUME/ACBABIAN	1-RD. MUELLER, Rm E-127 GT

DUKE POWER COMPANY

POWER BUILDING

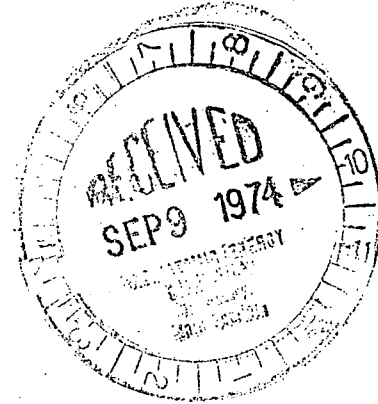
422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28201

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.

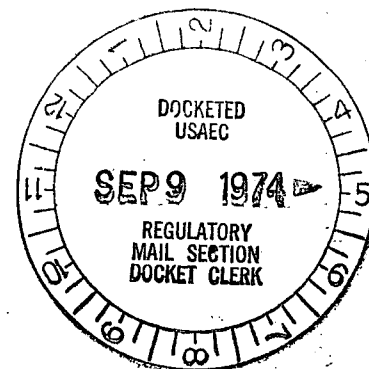
Very truly yours,

A handwritten signature in cursive script, appearing to read "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	1			
			<u>243</u>				
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	1	Class 4	<u>196</u>	
				<u>561</u>		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	55	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