

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 384

FILE: ENVIRO

FROM: Duke Power Co. Charlotte, N.C. A.C. Thies		DATE OF DOC 1-8-75	DATE REC'D 1-15-75	LTR xxx	TWX	RPT	OTHER
TO: Mr. Angelo		ORIG 1-signed	CC	OTHER	SENT AEC PDR <u>xxxxx</u>		
					SENT LOCAL PDR <u>xxxx</u>		
CLASS	UNCLASS xxxxxx	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-269, 270, and <u>287</u>		

DESCRIPTION:

Ltr trans the following

ACKNOWLEDGED

DO NOT REMOVE

PLANT NAME: Oconee 1-2-3

ENCLOSURES:

Environmental Occurrence on 1-2-75 concerning
Fish Impingement Data Per Intake Screens.....

FOR ACTION/INFORMATION 1-16-75 JGB

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

INTERNAL DISTRIBUTION

REG FILE AEC PDR	<u>TECH REVIEW</u> SCHROEDER	DENTON GRIMES	<u>LIC ASST</u> R. DIGGS (L)	<u>A/T IND.</u> BRAITMAN
OGC, ROOM P-506A	MACCARY	GAMMILL	H. GEARIN (L)	SALTZMAN
MUNTZING/STAFF	KNIGHT	KASTNER	E. GOULBOURNE (L)	ABEL
CASE	PAWLICKI	BALLARD	F. KREUTZER (E)	
GIAMBUSSO	SHAO	SPANGLER	J. LEE (L)	<u>PLANS</u>
BOYD	STELLO		M. MAIGRET (L)	MCDONALD
MOORE (L)	HOUSTON	<u>ENVIRO</u>	S. REED (E)	CHAPMAN
DEYOUNG (L)	NOVAK	MULLER	M. SERVICE (L)	DUBE (Ltr)
SKOVHOLT (L)	ROSS	DICKER	S. SHEPPARD (L)	E. COUPE
GOLLER (L) (Ltr)	IPPOLITO	KNIGHTON	M. SLATER (E)	PETERSON
P. COLLINS	TEDESCO	YOUNGBLOOD	H. SMITH (L)	D. THOMPSON (2)
DENISE	LONG	REGAN	S. TEETS (L)	KLECKER
REG OPR	LAINAS	PROJECT LDR	G. WILLIAMS (E)	EISENHUT
FILE & REGION (2)	BENAROYA	<u>Scabetti</u>	V. WILSON (L)	WIGGINTON
MORRIS	VOLLMER	HARLESS		
STEELE				

EXTERNAL DISTRIBUTION

LOCAL PDR <u>Walhalla S.C.</u>			
TIC (ABERNATHY) <u>(1)(2)(10)</u>	NATIONAL LABS <u>OK</u>		
1 - NSIC (BUCHANAN)	1 - W. PENNINGTON, Rm E-201 GT		1 - PDR-SAN/LA/NY
1 - ASLB	1 - CONSULTANTS		1 - BROOKHAVEN NAT LAB
1 - Newton Anderson	NEWMARK/BLUME/AGBABIAN		1 - G. ULRIKSON, ORNL
ACRS <u>SENT</u>			1 - AGMED (RUTH GUSSMAN) Rm B-127 GT
<u>Kreutzer</u>			1 - R. D. MUELLER, Rm E-201 GT

DUKE POWER COMPANY
POWER BUILDING
422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28201

A. C. THIES
SENIOR VICE PRESIDENT
PRODUCTION AND TRANSMISSION

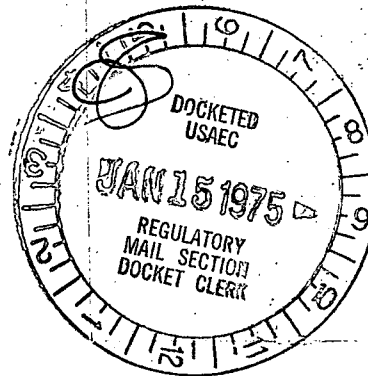
P. O. Box 2178

January 8, 1974

Regulatory

File Cy.

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:

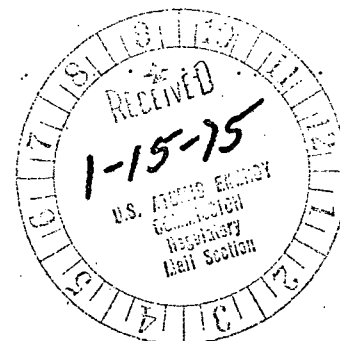
On January 2, 1975, six of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of 2,168 small fingerling fish, weighing 3,200 grams, had collected on the screens. The fish, averaging 1.5 grams per fish, were removed from the screens and categorized, 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 3,200 grams of fish had an insignificant effect on fisheries resources in Lake Keowee.

Very truly yours,

A. C. Thies

ACT:vr
Enclosure

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



Enclosure 1
 Oconee Nuclear Station
 Summary of Fish Impingement Data
 Per Intake Screen
 January 2, 1975

Screen 1A1

No fish were impinged

Screen 1A2

No fish were impinged

Screen 2A1

Total Fish Impinged - 438

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Yellow Perch - 4	2-4 cm - 123	Class 1 - 0	~ 800 gms
Threadfin Shad - 250	4-6 cm - 251	Class 2 - 81	
Unidentifiable - 184	6-8 cm - 64	Class 3 - 173	
		Class 4 - 184	

Screen 2A2

Total Fish Impinged - 281

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Yellow Perch - 1	2-4 cm - 62	Class 1 - 0	~ 400 gms
Threadfin Shad - 228	4-6 cm - 178	Class 2 - 198	
Unidentifiable - 52	6-8 cm - 41	Class 3 - 31	
		Class 4 - 52	

Screen 3A1

Total Fish Impinged - 575

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Bluegill - 1	2-4 cm - 121	Class 1 - 0	~ 900 gms
Yellow Perch - 4	4-6 cm - 384	Class 2 - 241	
Threadfin Shad - 560	6-8 cm - 70	Class 3 - 324	
Unidentifiable - 10		Class 4 - 10	

Screen 3A2

Total Fish Impinged - 874

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Bluegill - 1	2-4 cm - 375	Class 1 - 0	~ 1100 gms
Yellow Perch - 3	4-6 cm - 441	Class 2 - 10	
Threadfin Shad - 786	6-8 cm - 58	Class 3 - 780	
Unidentifiable - 84		Class 4 - 84	

- *Class 1 - No noticeable decomposition
- Class 2 - Slightly decomposed
- Class 3 - Badly decomposed, identifiable
- Class 4 - Badly decomposed, unidentifiable