(TEMPORARY FORM)

CONTROL NO: 4345

FILE: ENVIOR.

FROM: Duke Power Co. Charlotte, N.C. A.C. Thies	DATE OF DOC 4-16-75	DATE REC'D 4-21-75	LTR XXX	TWX	RPT	OTHER
TO: A. Giambusso	ORIG 1 Signed	CC	OTHER	SENT AEC PDR XXXx SENT LOCAL PDR XXX		
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1.	DOCKET NO: 50-269/270/287	

DESCRIPTION:

Ltr. trans the following....

ENCLOSURES:

Abnorm. Occurr. on 4-10-75, concerning fish impingement data .....

PLANT NAME: Oconee # 1/2/3

FOR ACTION/INFORMATION VCR 4-21-75

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	W/ Copies

POOR ORIGINAL

INTERNAL DISTRIBUTION

REG FILE	TECH REVIEW	DENTON	LIC ASST	A/T IND
NRC PDR	SCHROEDER	GRIMES	R. DIGGS (L)	BRAITMAN
OGC, ROOM P-506A	MACCARY	GAMMILL	H. GEARIN (L)	SALTZMAN
GOSSICK/STAFF	KNIGHT	KASTNER	E. GOULBOURNE (L)	MELTZ
CASE	PAWLICKI	BALLARD	P. KREUTZER (E)	
GIAMBUSSO	SHAO	SPANGLER	J. LEE (L)	PLANS
BOYD	STELLO		M. MAIGRET (L)	MCDONALD
MOORE (L)	HOUSTON	ENVIRO	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)	HARTFIELD (2)
DENISE	LONG	REGAN	S. TEETS (L)	KLECKER
REG OPR	LAINAS	PROJECT LDR	G. WILLIAMS (E)	EISENHUT
FILE & REGION (2)	BENAROYA	M. Ow	V. WILSON (L)	WIGGINTON
T.R. WILSON 3	VOLLMER	HARLESS	R. INGRAM (L)	
STEELE				

Hanauer

EXTERNAL DISTRIBUTION

1 – LOCAL PDR Walhalla S.C.
1 – TIC (ABERNATHY)
1 – NSIC (BUCHANAN)
1 – ASLB
1 – Newton Anderson
– ACRS HOLDING/SENT

(1)(2)(10) – NATIONAL LABS ORNL
1 – W. PENNINGTON, Rm E-201 GT
1 – CONSULTANTS
NEWMARK/BLUME/AGBABIAN

1 – PDR-SAN/LA/NY (1)
1 – BROOKHAVEN NAT LAB
1 – G. ULRIKSON, ORNL
1 – AGMED (RUTH GUSSMAN) Rm B-127 GT
1 – J. D. RUNKLES, Rm E-201

8001020 854 P

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

vcl

April 16, 1975

Mr. Angelo Giambusso, Director
Division of Reactor Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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

Dear Mr. Giambusso:

On April 10, 1975, six of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of approximately 6,000 small fingerling fish, weighing 15.2 kilograms, had collected on the screens. The fish, averaging 2.5 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 15.2 kilograms 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

Oconee Nuclear Station

April 10, 1975

Screen 1A1

Total Fish Impinged - 2,825

Species Composition		Size Groups		Decomposition*		Weight
Yellow Perch	- 375	2-4 cm -	946	Class 1 -	0	
Bluegill	- 27	4-6 cm -	1,502	Class 2 -	286	6.6 kg
Crappie	- 1	6-8 cm -	371	Class 3 -	579	
Threadfin Shad	- 462	8-10cm -	6	Class 4 -	1,960	
Unidentifiable	- 1,960					

Screen 1A2

Total Fish Impinged - 2,122

Species Composition		Size Groups		Decomposition*		Weight
Yellow Perch	- 407	2-4 cm -	538	Class 1 -	1	
Bluegill	- 29	4-6 cm -	1,003	Class 2 -	583	5.6 kg
Crappie	- 2	6-8 cm -	575	Class 3 -	205	
Threadfin Shad	- 351	8-10cm -	4	Class 4 -	1,333	
Unidentifiable	- 1,333	10-12cm -	2			

Screen 2A1

No Fish Impinged

Screen 2A2

No Fish Impinged

Screen 3A1

Total Fish Impinged - 801

Species Composition		Size Groups		Decomposition*		Weight
Yellow Perch	- 33	2-4 cm -	250	Class 1 -	2	
Bluegill	- 7	4-6 cm -	420	Class 2 -	128	2.0 kg
Threadfin Shad	- 356	6-8 cm -	131	Class 3 -	266	
Unidentifiable	- 405			Class 4 -	405	

Screen 3A2

Total Fish Impinged - 388

Species Composition		Size Groups		Decomposition*		Weight
Yellow Perch	- 34	2-4 cm -	111	Class 1 -	4	
Bluegill	- 14	4-6 cm -	201	Class 2 -	111	1.0 kg
Threadfin Shad	- 170	6-8 cm -	75	Class 3 -	103	
Unidentifiable	- 170	10-12cm -	1	Class 4 -	170	

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