

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 8739
FILE: ENVIRO

FROM: Duke Power Co. Charlotte, N.C. William O. Parker		DATE OF DOC 8-13-75	DATE REC'D 8-16-75	LTR XXX	TWX	RPT	OTHER
TO: Angelo Giambusso		ORIG 1 Signed	CC	OTHER	SENT NRC PDR XXX		XXX
CLASS	UNCLASS XXXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: <u>50-269/270/287</u>		

DESCRIPTION:
Ltr. trans the following.....

PLANT NAME: Oconee 1,2,3

ENCLOSURES:
Reporting on 8-7-75, small fingerling fish collected on CCW intake screens....concluded it had an insignificant effect on fisheries resources in Lake Keowee.....

ACKNOWLEDGED
DO NOT REMOVE

FOR ACTION/INFORMATION

VCR 8-19-75

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EXTERNAL DISTRIBUTION

- | | | |
|--|-----------------------------------|------------------------|
| 1 - LOCAL PDR <i>Hallholla & Co.</i> | 1 - NATIONAL LABS <i>ORNL (C)</i> | 1 - PDR-SAN/LA/NY |
| 1 - TIC (ABERNATHY) (1)(2)(10) | 1 - W. PENNINGTON, Rm E-201 GT | 1 - BROOKHAVEN NAT LAB |
| 1 - NSIC (BUCHANAN) | 1 - CONSULTANTS | 1 - G. ULRIKSON ORNL |
| 1 - ASLB | NEWMARK/BLUME/AGBABIAN | |
| 1 - Newt Anderson | | |

PH

Enclosure 1
 Summary of Fish Impingement Data
 Per Intake Screen
 Oconee Nuclear Station
 August 7, 1975

Screen 1A-1

Total Fish Impinged - 844

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Bluegill - 1	2-4 cm - 3	Class 1 - 0	1500 gms
Yellow perch - 33	4-6 cm - 473	Class 2 - 57	
Threadfin shad - 23	6-8 cm - 368	Class 3 - 0	
Unidentified - 787		Class 4 - 787	

Screen 1A-2

Total Fish Impinged - 625

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Bluegill - 2	2-4 cm - 0	Class 1 - 2	1300 gms
Yellow perch - 21	4-6 cm - 352	Class 2 - 27	
Threadfin shad - 19	6-8 cm - 268	Class 3 - 13	
Unidentified - 583	8-10cm - 5	Class 4 - 583	

Screen 2A-1

Total Fish Impinged - 310

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Yellow perch - 1	2-4 cm - 0	Class 1 - 0	700 gms
Unidentified - 309	4-6 cm - 163	Class 2 - 0	
	6-8 cm - 143	Class 3 - 1	
	8-10cm - 4	Class 4 - 309	

Screen 2A-2

Total Fish Impinged - 0

Screen 3A-1

Total Fish Impinged - 0

* Screen 3A-2

Total Fish Impinged - 6

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Unidentified - 6	6-8 cm - 6	Class 4 - 6	15 gms

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

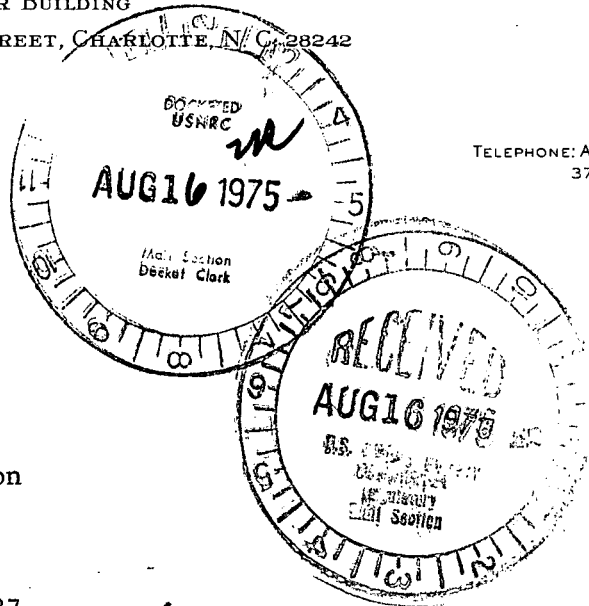
DUKE POWER COMPANY

POWER BUILDING
422 SOUTH CHURCH STREET, CHARLOTTE, N.C. 28242

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

TELEPHONE: AREA 704
373-4083

August 13, 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 August 7, 1975, six of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of 1,785 small fingerling fish, weighing 3.5 kilograms, had collected on the screens. The fish, averaging 1.9 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 3.5 kilograms of fish had an insignificant effect on fisheries resources in Lake Keowee.

Very truly yours,

William O. Parker, Jr.

MST: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
 August 7, 1975

Screen 1A-1

Total Fish Impinged - 844

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Bluegill - 1	2-4 cm - 3	Class 1 - 0	1500 gms
Yellow perch - 33	4-6 cm - 473	Class 2 - 57	
Threadfin shad - 23	6-8 cm - 368	Class 3 - 0	
Unidentified - 787		Class 4 - 787	

Screen 1A-2

Total Fish Impinged - 625

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Bluegill - 2	2-4 cm - 0	Class 1 - 2	1300 gms
Yellow perch - 21	4-6 cm - 352	Class 2 - 27	
Threadfin shad - 19	6-8 cm - 268	Class 3 - 13	
Unidentified - 583	8-10cm - 5	Class 4 - 583	

Screen 2A-1

Total Fish Impinged - 310

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Yellow perch - 1	2-4 cm - 0	Class 1 - 0	700 gms
Unidentified - 309	4-6 cm - 163	Class 2 - 0	
	6-8 cm - 143	Class 3 - 1	
	8-10cm - 4	Class 4 - 309	

Screen 2A-2

Total Fish Impinged - 0

Screen 3A-1

Total Fish Impinged - 0

Screen 3A-2

Total Fish Impinged - 6

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Unidentified - 6	6-8 cm - 6	Class 4 - 6	15 gms

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