

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

CONTROL NO: 653

FILE: ENVIRO

FROM: Duke Power Company Charlotte, N.C. 28242 Wm. O. Parker, Jr.			DATE OF DOC 1-19-76	DATE REC'D 1-22-76	LTR XX	TWX	RPT	OTHER
TO: Mr. B.C. Rusche			ORIG 1 signed	CC	OTHER	SENT NRC PDR <u>XX</u>		SENT LOCAL PDR <u>XX</u>
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-269 <u>270/287</u>		

DESCRIPTION: Ltr trans the following:

ENCLOSURES: Summary of Fish Impingement Data
Per Intake Screen for Oconee Station dated
1-14-76...

(1 cy encl rec'd)

**ACKNOWLEDGED
DO NOT REMOVE**

PLANT NAME: Oconee 1-2-3

SAFETY	FOR ACTION/INFORMATION	ENVIRO	DHL 1-23-76
ASSIGNED AD _____	ASSIGNED BRANCH CHIEF <u>Dicker (2)</u>	PROJECT MANAGER _____	
BRANCH CHIEF <u>Purple</u>	LIC ASST. _____ W/ ACRS		
PROJECT MANAGER _____	LIC ASST. <u>Sheppard</u> W/ CYS ACRS		

INTERNAL DISTRIBUTION

ABC FILES (3)	<u>SYSTEMS SAFETY</u>	<u>PLANT SYSTEMS</u>	<u>SITE SAFETY & ENVIRO ANALYSIS</u>
<u>NRC PDR (3)</u>	HEINEMAN	TEDESCO	<u>DENTON</u> MULLER
OELD	SCHROEDER	BENAROYA	
GOSSICK/STAFF		LAINAS	<u>ENVIRO TECH.</u>
<u>I&E (2)</u>	<u>ENGINEERING</u>	IPPOLITO	ERNST
<u>MLPC CASE</u>	MACCARY		<u>BALLARD</u>
<u>PROJECT MANAGEMENT</u>	KNIGHT	<u>OPERATING REACTORS</u>	SPANGLER
BOYD	SIHWELL	STELLO	
P. COLLINS	PAWLICKI		<u>SITE TECH.</u>
HOUSTON		<u>OPERATING TECH.</u>	GAMMILL
PETERSON	<u>REACTOR SAFETY</u>	EISENHUT	STEPP
MELTZ	ROSS	SHAO	HULMAN
HELTEMES	NOVAK	BAER	
	ROSZTOCZY	SCHWENCER	<u>MISCELLANEOUS</u>
	CHECK	<u>GRIMES</u>	<u>HANAUER</u>

EXTERNAL DISTRIBUTION

<u>LOCAL PDR Walhalla, S.C.</u>	<u>NATIONAL LAB ORNL</u> W/1 CYS	BROOKHAVEN NAT. LAB
<u>FTIC</u>	REGION V-ISE-(WALNUT CREEK)	ULRIKSON (ORNL)
<u>NSIC</u>	LA PDR	
ASLB	CONSULTANTS	

[Handwritten initials]

REGULATORY DOCKET FILE COPY
DUKE POWER COMPANY

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

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

January 19, 1976

Mr. Benard C. Rusche
Director of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

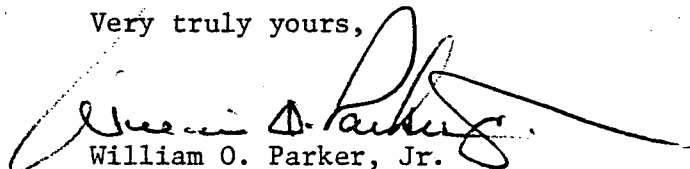
Re: Oconee Nuclear Station
Docket Nos. 50-269, -270, -287

Dear Mr. Rusche:

On January 14, 1976, eight of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of 20,860 small fingerling fish, weighing 54.36 Kgs., had collected on the screens. The 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.

The mortality of these fish had an insignificant effect on the fisheries resources in Lake Koewee.

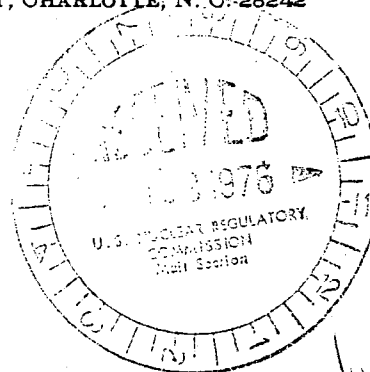
Very truly yours,


William O. Parker, Jr.

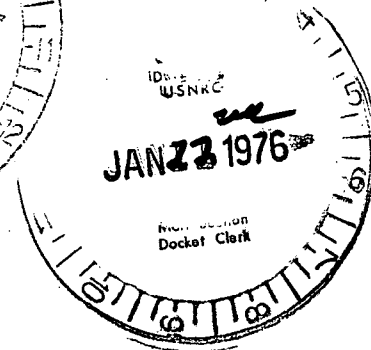
WOP:EDB:mmb

Attachment

CC Mr. H. J. Logan
S. C. Wildlife & Marine Resources Department



TELEPHONE AREA 704
373-4083



Enclosure 1
 Summary of Fish Impingement Data
 Per Intake Screen
 Oconee Nuclear Station
 January 14, 1976

Screen 1A1

Total Fish Impinged - 2300

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Threadfin shad - 275	4-6 cm - 2300	Class 3 - 275	5.98 kg.
Unidentified - 2025		Class 4 - 2025	

Screen 1A2

Total Fish Impinged - 1960

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 150	4-6 cm - 1960	Class 3 - 150	4.90 kg.
Unidentified - 1810		Class 4 - 1810	

Screen 1B1

Total Fish Impinged - 4250

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 2200	4-6 cm - 4250	Class 2 - 875	11.48 kg.
Unidentified - 2050		Class 3 - 1325	
		Class 4 - 2050	

Screen 1B2

Total Fish Impinged - 3000

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 1200	4-6 cm - 3000	Class 2 - 450	7.80 kg.
Unidentified - 1800		Class 3 - 750	
		Class 4 - 1800	

Screen 1C1

Total Fish Impinged - 2950

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 850	4-6 cm - 2950	Class 2 - 50	7.38 kg.
Unidentified - 2100		Class 3 - 800	
		Class 4 - 2100	

Screen 1C2

Total Fish Impinged - 3350

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 950	4-6 cm - 2275	Class 3 - 950	9.04 kg.
Unidentified - 2400	6-8 cm - 1075	Class 4 - 2400	

Enclosure 1 (Cont.)

Screen 1D1

Total Fish Impinged - 1500

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Threadfin shad - 900	4-6 cm - 1500	Class 2 - 335	3.75 kg.
Unidentified - 600		Class 3 - 565	
		Class 4 - 600	

Screen 1D2

Total Fish Impinged - 1550

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 450	4-6 cm - 1400	Class 2 - 50	4.03 kg.
Unidentified - 1100	6-8 cm - 150	Class 3 - 400	
		Class 4 - 1100	

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