NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 863

FILE: ENVIRO

FROM:	DATE OF DOC	DATE REC'D	LTR	TWX	RPT	OTHER
DUKE POWER COMPANY CHARLOTTE, NC W. O. PARKER, JR.	1-23-76	1-29-76	XXXX			

TO:	ORIG	CC	OTHER	SENT NRC PDR	SENT LOCAL PDR
MR B. C. RUSCHE	1 SIGNED			XXX	XXX

CLASS	UNCLASS	PROP INFO	INPUT	NO CYS REC'D	DOCKET NO:
	XXXXXXX			1	50-269-270 50-287

DESCRIPTION:

LTR W/ATCH FURN INFO ON FISH IMPINGEMENT DTD 1-20-76.....LTR TRANS THE FOLLOWING..

ENCLOSURES:

ENCLOSURE 1 SUMMARY OF FISH IMPINGEMENT DATA PER INTAKE SCREEN

ACKNOWLEDGED
DO NOT REMOVE

PLANT NAME: OCONEE NUCLEAR STATION

SAFETY — FOR ACTION/INFORMATION — ENVIRO 1-29-76 RKB

ASSIGNED AD

BRANCH CHIEF PURPLE (3 CYS)

PROJECT MANAGER

LIC. ASST. SHEPPARD W/ CYS ACRS

ASSIGNED BRANCH CHIEF SCALLETTI (2)

PROJECT MANAGER

LIC ASST. W/ ACRS

V. MOORE

INTERNAL DISTRIBUTION

REG FILES
NRC PDR
OELD
GOSSICK/STAFF
I&E (2)
MIPC

PROJECT MANAGEMENT
BOYD
P. COLLINS
HOUSTON
PETERSON
MELTZ
HELTEMES

SYSTEMS SAFETY
HEINEMAN
SCHROEDER

ENGINEERING
MACCARY
KNIGHT
SIHWEIL
PAWLICKI

REACTOR SAFETY
ROSS
NOVAK
ROSETOCZY
CHECK

PLANT SYSTEMS
TEDESCO
BENAROYA
LAINAS
IPPOLITO

OPERATING REACTORS
STELLO

OPERATING TECH.
EISENHUT
SHAO
BAER
SCHWENCER
GRIMES

SITE SAFETY & ENVIRO ANALYSIS
DENTON
MULLER

ENVIRO TECH.
ERNST
BALLARD
SPANGLER

SITE TECH.
GAMMILL
STEPP
HULMAN

SITE ANALYSIS
VOLLMER
BUNCH
J. COLLINS
KREGER

AT&I
SALTZMAN
RUTBERG

MISCELLANEOUS
HANAUER

EXTERNAL DISTRIBUTION

LOCAL PDR WALHALLA, SC
TIC
NSIC
ASLB

NATIONAL LAB ORNL W/ 1 CYS
REGION V-I&E-(WALNUT CREEK)
LA PDR
CONSULTANTS

BROOKHAVEN NAT. LAB
ULRIKSON (ORNL)

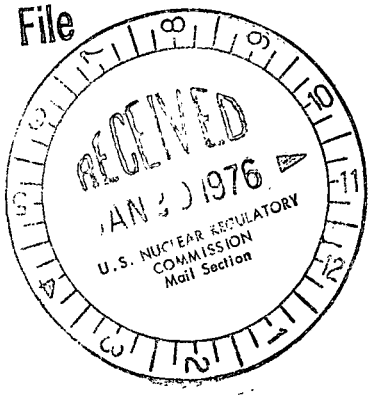
DUKE POWER COMPANY
POWER BUILDING
422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28242

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

TELEPHONE: AREA 704
373-4083

January 23, 1976

Regulatory Docket File

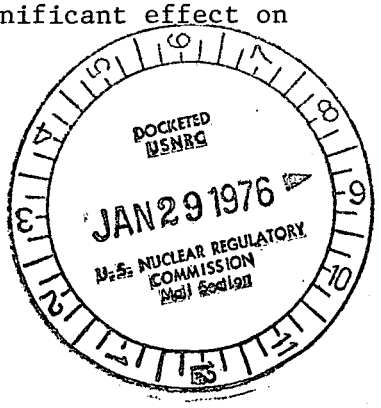


Mr. Benard C. Rusche
Director of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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

Dear Mr. Rusche:

On January 20, 1976, four of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of 43,237 small fingerling fish, weighing 109.7 Kg., 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. It is concluded that the mortality of these 109.7 Kg. of fish had an insignificant effect on fisheries resources in Lake Keowee.



Very truly yours,

W. O. Parker, Jr.

William O. Parker, Jr. By

MST:mmb

Enclosure

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

Enclosure 1
Summary of Fish Impingement Data
Per Intake Screen
Oconee Nuclear Station
January 20, 1976

Screen 1D1

Total Fish Impinged - 6874

Species Composition	Size Groups	Decomposition*	Weight
Threadfin shad - 6860	2-4 cm - 3500	Class 2 - 4300	
Yellow perch - 4	4-6 cm - 2508	Class 3 - 2574	∿17.87 kg.
Bluegill - 10	6-8 cm - 804		
	8-10cm - 61		
	10-12cm - 1		

Screen 1D2

Total Fish Impinged - 9363

Species Composition	Size Groups	Decomposition	Weight
Threadfin shad - 9316	2-4 cm - 6050	Class 2 - 8385	
Yellow perch - 43	4-6 cm - 2889	Class 3 - 978	∿24.34 kg.
Bluegill - 4	6-8 cm - 373		
	8-10cm - 51		

Screen 2D1

Total Fish Impinged - 15000

Species Composition	Size Groups	Decomposition	Weight
Unidentifiable - 15000	2-4 cm - 8000		
	4-6 cm - 7000	Class 4 - 15000	37.50 gms.

Screen 2D2

Total Fish Impinged - 12000

Species Composition	Size Groups	Decomposition	Weight
Unidentifiable - 12000	2-4 cm - 5000		
	4-6 cm - 7000	Class 4 - 12000	30.00 gms.

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