NRC FORM 195 (2-76) U.S. NUCLEAR REGULATORY COMMISSION

DOCKET NUMBER: 50-269/270/287

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FILE NUMBER: ENVIRONMENTAL

TO:	FROM:	DATE OF DOCUMENT
B.C. Rusche	Duke Power Co. Charlotte, N.C. W.Parker, Jr.	2-4-76
		DATE RECEIVED: 2-10-76

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			1

DESCRIPTION

Summary of Fish Impingement Report which occurred on 1-30-76...W/Attached Summary Data.

(1 Copy Received)

ENCLOSURE

ACKNOWLEDGED

DO NOT REMOVE

PLANT NAME: Oconee # 1,2,&3

SAFETY — FOR ACTION/INFORMATION — ENVIRO — SAB 2-12-76

SAFETY		ENVIRO
ASSIGNED AD :		ASSIGNED AD :
BRANCH CHIEF :	PURR	BRANCH CHIEF : Dicker W/2
PROJECT MANAGER:		PROJECT MANAGER :
LIC. ASST. :		LIC. ASST. : Sheppard

INTERNAL DISTRIBUTION

REG FILE	SYSTEMS SAFETY	PLANT SYSTEMS	ENVIRO TECH
NRC PDR	HEINEMAN	TEDESCO	ERNST
I & E	SCHROEDER	BENAROYA	BALLARD
OELD		LAINAS	SPANGLER
GOSSICK & STAFF	ENGINEERING	IPPOLITO	
MIPC	MACCARY		SITE TECH
CASE	KNIGHT	OPERATING REACTORS	GAMMILL
HANAUER	SIHWEIL	STELLO	STEPP
HARLESS	PAWLICKI		HULMAN
		OPERATING TECH	
PROJECT MANAGEMENT	REACTOR SAFETY	EISENHUT	SITE ANALYSIS
BOYD	ROSS	SHAO	VOLLMER
P. COLLINS	NOVAK	BAER	BUNCH
HOUSTON	ROSZTOCZY	SCHWENCER	J. COLLINS
PETERSON	CHECK	GRIMES	KREGER
MELTZ			
BELTEMES	AT & I	SITE SAFETY & ENVIRO	
SKOVHOLT	SALTZMAN	ANALYSIS	
	RUTBERG	DENTON & MULLER	

EXTERNAL DISTRIBUTION

LPDR: Walhalls, S.C.	NATL LAB ORNL	BROOKHAVEN NATL LAB
TIC	REG. V-IE	ULRIKSON(ORNL)
NSIC	LA PDR	
ASLB	CONSULTANTS	
ACRS HOLDING/SENT		

CONTROL NUMBER: 1307

NRC FORM 195 (2-76)

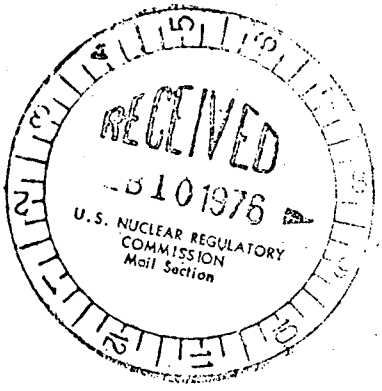
DUKE POWER COMPANY
POWER BUILDING
422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28242

Regulatory File Cy.

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

TELEPHONE: AREA 704
373-4083

February 4, 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 30, 1976, two of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of 13,250 small fingerling fish, weighing 33.1 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 33.1 Kg. of fish had an insignificant effect on fisheries resources in Lake Keowee.

Very truly yours,

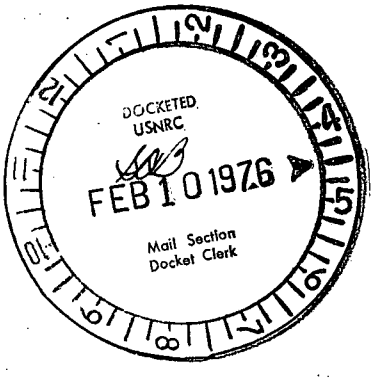
William O Parker Jr.

William O. Parker, Jr.

MST:mmb

Enclosure

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



1307

Enclosure 1
Summary of Fish Impingement Data
Per Intake Screen
Oconee Nuclear Station
January 30, 1976

Screen 2A1

Total Fish Impinged - 10,100

Species Composition	Size Groups	Decomposition*	Weight
Threadfin shad - 6600	4-6 cm - 8300	Class 2 - 900	
Unidentifiable - 3500	6-8 cm - 1800	Class 3 - 5700	∿25.25 kg
		Class 4 - 3500	

Screen 2A2

Total Fish Impinged - 3,150

Species Composition	Size Groups	Decomposition	Weight
Threadfin shad - 2450	4-6 cm - 2700	Class 2 - 700	
Unidentifiable - 700	6-8 cm - 450	Class 3 - 1750	∿7.88 kg
		Class 4 - 700	

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