

50-269/270(287)

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

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TO: B.C. Rusche

FROM: Duke Power Co.
Charlotte, N.C.
W.O. Parker, Jr.☐ LETTER☒ ORIGINAL☐ COPY☐ NOTORIZED☒ UNCLASSIFIED

PROP

INPUT FORM

DESCRIPTION

Ltr. concerning collected fish on 6 of the
Consenser Cooling Water intake Screens.....

(1 Copy Received)

ENCLOSURE

DO NOT REMOVE
ACKNOWLEDGED

PLANT NAME: Oconee # 2,1, & 3

SAFETY

FOR ACTION/INFORMATION

ENVIRO

SAB 3-4-76

ASSIGNED AD :

BRANCH CHIEF :

PROJECT MANAGER:

LIC. ASST. :

ASSIGNED AD :

BRANCH CHIEF : DICKER w/s

PROJECT MANAGER :

LIC. ASST. :

INTERNAL DISTRIBUTION

☒ REG FILE☒ NRC PDR☒ I & E (2)

OELD

GOSSICK STAFF

MIPC

CASE

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HARLESS

SYSTEMS SAFETY

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SCHROEDER

ENGINEERING

MACCARY

KNIGHT

SIHWEIL

PAWLICKI

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

STEEP

HULMAN

SITE ANALYSIS

☒ VOLLMER

BUNCH

☒ J. COLLINS☒ KREGER

EXTERNAL DISTRIBUTION

☒ LPDR: Walhalla, S.C.☒ TIC☒ NSIC

ASLB

ACRS HOLDING/SENT

☒ NATL LAB ORNL

REG. V-IE

LA PDR

CONSULTANTS

BROOKHAVEN NATL LAB

ULRIKSON(ORNL)

CONTROL NUMBER

ORNL

1975

DUKE POWER COMPANY

POWER BUILDING

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

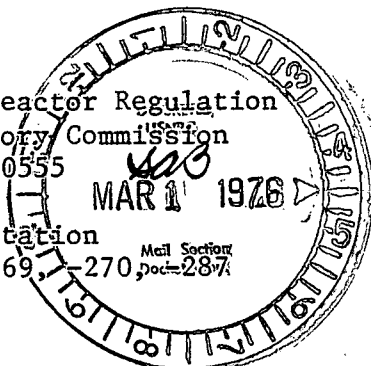
WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

February 26, 1976

TELEPHONE: AREA 704
373-4083

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, ^{Mail Section} ~~post-287~~



Dear Mr. Rusche:

On February 19, 1976, six of the 24 condenser cooling water (CCW) intake screens at the Oconee Nuclear Station were inspected. A total of 6,547 small fingerling fish, weighing 23.8 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 23.8 kg of fish had an insignificant effect on fisheries resources in Lake Keowee.

Very truly yours,

William O. Parker, Jr.

MST:ge
Enclosure

cc: Mr. H. J. Logan
S. C. Wildlife & Resources Department

1975

Enclosure 1
Summary of Fish Impingement Data
Per Intake Screen
Oconee Nuclear Station
February 19, 1976
Quarterly Screen Inspection

Screen 1A1

Total Fish Impinged - 92

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition*</u>	<u>Weight</u>
Threadfin shad - 1	4-6 cm - 92	Class 1 - 1	0.25 kg
Unidentifiable - 91		Class 4 - 91	

Screen 1A2

Total Fish Impinged - 15

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 2	4-6 cm - 14	Class 1 - 1	.03 kg
Unidentifiable - 13	6-8 cm - 1	Class 3 - 1	
		Class 4 - 13	

Screen 2A1

Total Fish Impinged - 2390

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 2025	4-6 cm - 1550	Class 2 - 750	4.8 kg
Yellow perch - 115	6-8 cm - 835	Class 3 - 1395	
Unidentifiable - 245	8-10cm - 5	Class 4 - 245	
Bluegill - 5			

Screen 2A2

Total Fish Impinged - 2710

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 1587	2-4 cm - 1562	Class 2 - 1165	9.0 kg
Yellow perch - 295	4-6 cm - 794	Class 3 - 717	
Unidentifiable - 828	6-8 cm - 354	Class 4 - 828	

Screen 3A1

Total Fish Impinged - 870

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 810	4-6 cm - 460	Class 2 - 460	5.0 kg
Yellow perch - 60	6-8 cm - 410	Class 3 - 410	

Enclosure 1 (Cont.)

Screen 3A2

Total Fish Impinged - 470

<u>Species Composition</u>	<u>Size Groups</u>	<u>Decomposition</u>	<u>Weight</u>
Threadfin shad - 460	4-6 cm - 275	Class 2 - 150	3.7 kg
Yellow perch - 10	6-8 cm - 195	Class 3 - 320	

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