

FROM: State of South Carolina  
 Water Resources Commission  
 Columbia, South Carolina 29201  
 Glenn W. Duker

DATE OF DOCUMENT  
 1-24-72

DATE RECEIVED  
 1-26-72

NO.: 99

TO: Lester Rogers

LTR. X MEMO: REPORT: OTHER:

ORIG.: 1 CC: OTHER:

ACTION NECESSARY  CONCURRENCE  DATE ANSWERED:  
 NO ACTION NECESSARY  COMMENT  BY:

CLASSIF.: U POST OFFICE REG. NO:

FILE CODE: 50-269 (ENVIRO FILE)

DESCRIPTION: (Must Be Unclassified)  
 Ltr re their 1-11-72 ltr regarding  
 Draft Environmental Statement for  
 Oconee, Unit #1 trans the following:

REFERRED TO	DATE	RECEIVED BY	DATE
Kepler w/2 cys for ACTION	1-27-72		

ENCLOSURES:  
 Comments on Draft Enviro Statement from:  
 (1) Dept. of Parks, Recreation & Tourism  
 dtd 1-17-72 (1 cy rec'd)  
 (2) South Carolina Pollution Control  
 Authority dtd 1-20-72 (1 cy rec'd)  
 (3) South Carolina Wildlife Resources  
 Department dtd 1-20-71 (1 cy rec'd)

DISTRIBUTION:  
 Reg File  
 AEC PDR  
 Compliance (2)  
 Henderson  
 Paulus (Ltr Only)  
 M. Fitzpatrick (Ltr Only)  
 DeYoung  
 N. Dube (Ltr Only)  
 Morris/Schroeder  
 Schwencer

REMARKS:

Karas  
 DiNumno GT A-170 99 rht

FROM: Environmental Protection Agency  
 Washington, D. C. 20460  
 Robert W. Fri

DATE OF DOCUMENT  
 1-20-72

DATE RECEIVED  
 1-21-72

NO.: 87

TO: Manning Muntzing

LTR. MEMO: REPORT: OTHER:  
 X

ORIG.: CC: OTHER:  
 1

ACTION NECESSARY  CONCURRENCE  DATE ANSWERED:  
 NO ACTION NECESSARY  COMMENT  BY:

CLASSIF.: U POST OFFICE REG. NO:

FILE CODE: 50-269 (ENVIRO FILE)

DESCRIPTION: (Must Be Unclassified)  
 Ltr re review of draft environmental statement for Oconee, Unit # 111..trans the following:

REFERRED TO	DATE	RECEIVED BY	DATE
Keppler W/2 cys for ACTION	1-21-72		
<b>DISTRIBUTION:</b>			

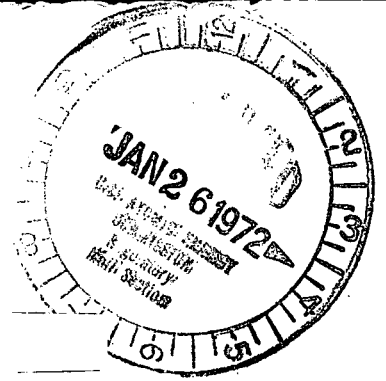
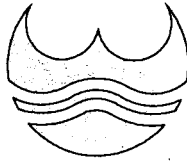
ENCLOSURES:  
 Comments on Enviro Impact Statement for Oconee, Unit # 1.  
  
 (2 cys rec'd)

Reg Files AEC PDR			
Compliance (2) Henderson			
Paulus (ltr only) M. Fitzpatrick (ltr only)			
DeYoung N. Dube (ltr only)			

REMARKS:  
 1 Cy Local PDR (Walhalla, S. C.)  
*Sandy Reed has orig encls.*

Morris/Schroeder Schwencer			
Karas DiNunno, A-170,	GT	DO NOT REMOVE ACKNOWLEDGED	fod
		387	

State of South Carolina  
Water Resources Commission



Clair P. Guess, Jr.  
Executive Director

January 24, 1972

50-269

Mr. Lester Rogers, Director  
Division of Radiological and  
Environmental Protection  
United States Atomic Energy Commission  
Washington, D. C. 29545

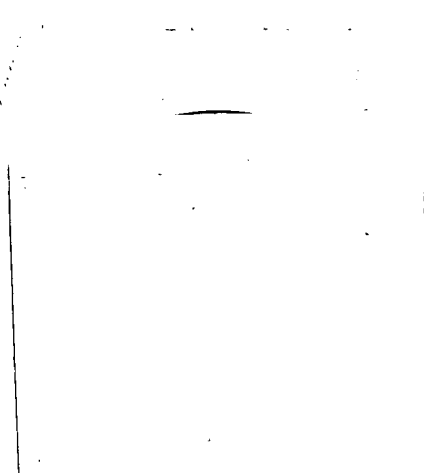
Dear Mr. Rogers:

Reference is made to a letter with enclosures dated January 11, 1972, to your office from Mr. Clair P. Guess, Jr., Executive Director, South Carolina Water Resources Commission. That letter and enclosures were assigned docket numbers 50-269, 50-270, and 50-287. During the period from January 18 through January 21, 1972, we received additional comments from State agencies on the Draft Environmental Statement relating to the application by Duke Power Company for an operating permit for Oconee 1. For your information, I have attached copies of these comments.

Sincerely yours,

Glenn W. Dukes  
Water Resources Engineer

GWD:fw  
Enclosures



JAN 18 1972

Received w/ltv Dated 1-24-72

PRT 

50-269

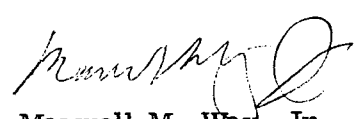
January 17, 1972

Mr. Glenn W. Dukes  
Civil Engineer  
S. C. Water Resources Commission  
2414 Bull Street  
Columbia, S. C. 29201

Dear Mr. Dukes:

The Department of Parks, Recreation and Tourism does not have the scientific expertise available to make a meaningful statement on the environmental impact submission of Duke Power Company for the Oconee Nuclear Station, Unit One.

Sincerely,



Maxwell M. Way, Jr.  
Economist

MMWJr:kld

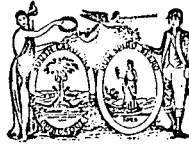
99

# South Carolina Pollution Control Authority

JAN 21 1972

## AUTHORITY MEMBERS

ROBERT W. TURNER . . . . CHARLESTON  
CHAIRMAN  
BEN N. MILLER, M.D. . . . . COLUMBIA  
J. FRANK MIXSON . . . . . GEORGETOWN  
JACK E. POWERS . . . . . SIMPSONVILLE  
WILLIAM M. BRICE, JR. . . . . YORK  
E. F. LAU . . . . . GREENWOOD  
C. MARION SHIVER, JR. . . . . CAMDEN



HUBERT J. WEBB, PH.D.  
EXECUTIVE DIRECTOR

OWEN BUILDING  
1321 LADY STREET P. O. BOX 11628  
Columbia, South Carolina 29211

## AUTHORITY MEMBERS EX-OFFICIO

E. KENNETH AYCOCK, M.D. . . . COLUMBIA  
JAMES W. WEBB . . . . . COLUMBIA  
CLAIR P. GUESS, JR. . . . . COLUMBIA  
BOB HICKMAN . . . . . COLUMBIA  
LEWIS E. HENDRICKS . . . . . COLUMBIA  
J. BONNER MANLY . . . . . COLUMBIA

AREA CODE 803  
TELEPHONE: 758-2915

50-269

Received w/encs Dated 1-24-72

January 20, 1972



Mr. Clair P. Guess, Jr.  
Executive Director  
S. C. Water Resources Commission  
2414 Bull Street  
Columbia, South Carolina

Dear Mr. Guess:

We have reviewed the environmental impact statement prepared on the Oconee Nuclear Station being built by Duke Power Company on the Keowee Reservoir. There is no information presented in this document which is in conflict with that presented to us at an earlier date. This agency issued a construction permit for this particular installation on November 19, 1970. This permit provided for the discharge of 3,040 million gallons of water per day. Data presented at that time indicated that this discharge will meet the requirements of the laws of this State.

Based on the information previously presented to this agency as well as that in the impact statement, this agency is of the opinion that there will be no contravention of the air pollution laws of this State.

It is recognized that this project does modify the environment in the area involved, and that there has been a long time commitment of resources for the purpose indicated. The report discusses these considerations fully and frankly, all of the modifications and commitments have, however, been in keeping with those laws which are administered by this agency. We do not, therefore, enter any objections to this project at this time. The emission of air contaminants from an operation of this type will be less than that from

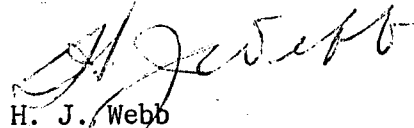
Mr. Clair P. Guess, Jr.  
Executive Director  
S. C. Water Resources Commission  
January 20, 1972  
Page 2

---

fossil fuel plants. The volume of solid waste (fly ash) will be negligible from this plant. There will, however, be a small volume of radioactive waste that must be disposed of.

This agency is in the process of issuing a water quality certificate to the Corps of Engineers as required by the Refuse Act. We anticipate no problems in this respect.

Yours very truly,



H. J. Webb  
Executive Director

HJW/dkw



# South Carolina WILDLIFE RESOURCES DEPARTMENT



POST OFFICE BOX 167

COLUMBIA, SOUTH CAROLINA

29202

• PAT RYAN  
DIRECTOR, DIVISION  
OF GAME AND  
FRESHWATER FISHERIES

• JAMES W. WEBB  
EXECUTIVE DIRECTOR

• DR. JAMES A. TIMMERMAN, JR.  
DIRECTOR, DIVISION  
MARINE RESOURCES

January 20, 1972

50-269



Mr. Clair P. Guess, Jr.  
Executive Director  
Water Resources Commission  
2414 Bull Street  
Columbia, South Carolina 29201

Dear Mr. Guess:

Reference Mr. Glenn Dukes' letter of December 17, 1971, and the attached Draft of the Detailed Statement of the Environmental Considerations by the U. S. Atomic Energy Commission Related to the Proposed Issuance of an Operating License for Duke Power Company for its Oconee Nuclear Station, Unit 1.

The subject report has been reviewed by this Department and this review indicates that much of the information within the document has been presented or discussed in earlier reports or hearings in which this Department was given an opportunity to comment.

There are several points within the proposed operating procedures which this Department does wish to comment on. The first of these relates to water level fluctuations as found on page 38 of the subject report. This states that these fluctuations are restricted over an unspecified time to a three feet maximum for Lake Keowee and six feet maximum for Lake Jocassee. Earlier in a letter by Mr. William S. Lee, it was stated that the maximum daily fluctuations of two and four feet may be experienced. The point which I wish to raise at this time is that the more important species of fish which will inhabit these bodies of water use the edge of the impoundment for spawning, which is usually four feet or less in depth. Therefore, such fluctuations could have severe detrimental effects on the fishery resources in both reservoirs. It would be hoped that some procedures may worked out between the Power Company and this Department to insure more stable water levels during the spawning periods.

Mr. Clair P. Guess, Jr.

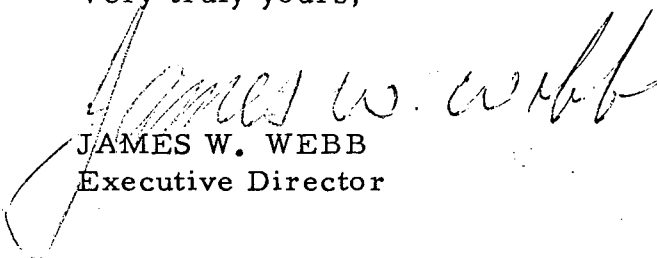
January 20, 1972

Page - Two

The referenced report is the first acknowledgment made that thermal intrusions are expected to occur in Hartwell (See page 49). This would appear to be a structural change which may have significant effects on the heat budget on Lake Keowee especially if large amounts of heated effluents are syphoned off to Hartwell, it is regretted that greater opportunity was not provided to fully evaluate this situation.

This Department appreciates the opportunity of reviewing this draft and making the above comments.

Very truly yours,



JAMES W. WEBB  
Executive Director

RAS/pal

CC: Dr. James A. Timmerman, Jr.  
Mr. Pat Ryan  
Mr. J. C. Fuller  
Mr. E. B. Latimer  
Honorable Clyde A. Eltzroth  
DRBS, Raleigh, North Carolina