FROM:	DATE OF DOCUMENT:	DATE RECEIVED	NO.:
State of South Carolina Office of the Governor Columbia, South Carolina 29201 Robert E. McNair	9-17-70	9-23-70	3020

LTR.	MEMO:	REPORT:	OTHER:
X			

TO:	ORIG:	CC:	OTHER:
Harold L. Price	1		

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

CLASSIF:	POST OFFICE	FILE CODE:
U	REG. NO:	50-269 50-270 50-287

DESCRIPTION: (Must Be Unclassified)

Ltr trans the following:

ENCLOSURES:

Comments fm State Agencies on Oconee Nuclear Station: Hwy Dept, Att Gen, Dept of Parks, Recreation & Tourism, Bd of Health, Wildlife Resources Dept, Comm of Forestry, Development Bd, Water Resources Comm & Pollution Control Auth.(1 cy ea encl rec'd)

REMARKS:

REFERRED TO	DATE	RECEIVED BY	DATE
Long	9-28-70		
~~W/4 cys for ACTION(W/Orig for MATS)(Orig to be returned to 016)~~			
DISTRIBUTION:			
Regulatory File(3)(ltr only 50-270-287)			
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~~DiNunno~~			
Boyd		DO NOT REMOVE	
~~DeYoung~~			
E. Price, GLR		ACKNOWLEDGED	
~~W. Dube~~			
P. Howe(2)			
Compliance (2)Lew			
~~Morris/Schroeder~~		3020	fcd

U.S. ATOMIC ENERGY COMMISION

MAIL CONTROL FORM FORM AEC-326S (8-60)

★ U. S. GOVERNMENT PRINTING OFFICE: 1969-364-594

MEMO ROUTE SLIP

Form AEC-93 (Rev. May 14, 1947) [illegible]M 0240

See me about this. | Note and return. | For [illegible]currence. | For [illegible]nature. | For action. | For information.

TO (Name and unit)	INITIALS / DATE	REMARKS
1. Lic. Asst - Karas 2. Branch Chief-Long		Attached comments from State of South Carolina dated 9-17-70 for your approval/~~Disapproval~~. PER: Mr. Henderson Memo, dtd 9-18-70
TO (Name and unit)	INITIALS / DATE	REMARKS DOCKET NUMBER- 50-269/270/287 9/24/70
TO (Name and unit)	INITIALS / DATE	REMARKS
FROM (Name and unit) Donaldson Docket Clerk		REMARKS
PHONE NO. 7333	DATE 9-23-70	

USE OTHER SIDE FOR ADDITIONAL REMARKS

GPO : 1968 O—294-819

STATE OF SOUTH CAROLINA

Office of The Governor

Columbia 29211

ROBERT E. MCNAIR
GOVERNOR

September 17, 1970

Mr. Harold L. Price
Director of Regulation
Atomic Energy Commission
Washington, D. C. 20545

Dear Mr. Price:

Reference is made to the pending application before the Atomic Energy Commission by Duke Power Company for an operating permit for its Oconee Nuclear Station. Enclosed are comments from State agencies with the authority for establishing and enforcing environmental standards as well as comments from agencies with an interest in this matter.

It is the opinion of the State of South Carolina as represented by these State agencies that the granting of an operating permit to Duke Power Company for its Oconee Nuclear Station by the Atomic Energy Commission will have less adverse environmental effects than its alternatives and urges the granting of that Permit.

Sincerely,

Robert E. McNair

REM:AMB
Enclosures

3020

SEP 10 1970

South Carolina
WILDLIFE RESOURCES DEPARTMENT
POST OFFICE BOX 167 COLUMBIA, SOUTH CAROLINA 29202

• JAMES W. WEBB
EXECUTIVE DIRECTOR

• PAT RYAN
DIRECTOR, DIVISION OF GAME AND FRESHWATER FISHERIES

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

September 8, 1970

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

Dear Mr. Guess:

Reference is made to the hearing held last week concerning Environmental Quality. The representatives from Duke Power Company answered all of our questions either orally or within their report.

We have no objection to the granting of an operating permit to Duke Power Company for their Nuclear facility now under construction.

Yours truly,

Jefferson C. Fuller, Jr.
Chief, Game and Fish Management

JCFjr/mb

cc: Director Pat Ryan

3020

SEP 8 1970

South Carolina
State Commission of Forestry

JOHN R. TILLER
STATE FORESTER

P. O. BOX 287
COLUMBIA, S. C. 29202

September 4, 1970

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

Dear Mr. Guess:

As you know E. C. Pickens represented the Forestry Commission at the Environmental Policy Meeting in your office on September 2. At this meeting both Duke Power Company and Allied-Gulf Nuclear Services presented their Environmental Report. Our comments and recommendations would only apply to the possible impact of these plant operations on forest lands.

We see no objections to Duke Power Company's proposals. It has been our observations during the past thirty years that the Duke Power Company has attempted to manage their woodlands for multiple-use purposes including high value forest products. It appears that they have incorporated this multiple-use concept in their environmental quality program.

I do have some question concerning the Allied-Gulf request:

1. Allied-Gulf stated that their cooling water would be returned to their holding pond at 101°F. They estimated water leaving this holding pond would be 93°F. Perhaps consideration should be given to a larger holding pond allowing more convection and evaporative cooling prior to release.

2. Would it be possible to get a little more detailed information on the water level to be maintained in Lower Three Runs Creek at this rate of discharge since any water level change would have an effect on the ecology of this area?

Very truly yours,

John R. Tiller
State Forester

JRT:yr

3020

South Carolina Pollution Control Authority

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

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JAMES W. WEBB . . . . . COLUMBIA
CLAIR P. GUESS, JR. . . . . COLUMBIA
BOB HICKMAN . . . . . COLUMBIA
LEWIS E. HENDRICKS . . . . COLUMBIA
ALFRED A. DECICCO . . . . COLUMBIA

J. MARION SIMS BUILDING
Columbia, South Carolina 29201

AREA CODE 803
TELEPHONE: 758-5416

September 9, 1970

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

Dear Mr. Guess:

The following comments on Duke Power Company are noted as the result of our Environmental Policy meeting on September 2, 1970:

1. Page 3 of the report states no adverse effects on the ecology have been detected due to temperature rises.

   (a) What do they mean by adverse effects?

   (b) What happened to the number of species of micro-organisms due to the increase in temperature? Did they increase or decrease?

   (c) What happened to the number within the species of micro-organisms?

By direction of H. J. Webb, Ph.D., Executive Director, Pollution Control Authority.

Yours truly,

Henry E. Gibson

Henry E. Gibson
Chemist

HEG/dkw

cc: Mr. G. A. Rhame

3020

RECEIVED
SEP 23 1970
U.S. ATOMIC ENERGY COMMISSION
Regulatory
Field Office

STATE OF SOUTH CAROLINA WATER RESOURCES COMMISSION

CLAIR P. GUESS, JR., EXECUTIVE DIRECTOR

2414 BULL STREET, COLUMBIA, S. C. 29201

TELEPHONE (803) 758-2514

September 14, 1970

The Honorable Robert E. McNair
Governor of South Carolina
State House
Columbia, South Carolina 29201

Dear Governor McNair:

The South Carolina Water Resources Commission, as the agency charged with establishing a comprehensive water resources policy for the State and coordinating policies and activities among the State departments and agencies, has reviewed the Duke Power Company's Environmental Report for the Oconee Nuclear Station.

Based on a review of the information available, it is the opinion of the South Carolina Water Resources Commission that operating the Oconee Nuclear Station will have less adverse environmental effects than its alternatives, and urges the granting of an operating permit by the Atomic Energy Commission.

Sincerely,

Clair P. Guess

Clair P. Guess, Jr.
Executive Director

CPGJr:fw

3020

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SEP 23 1970
U.S. ATOMIC ENERGY COMMISSION
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SEP 14 1970

STATE DEVELOPMENT BOARD
POST OFFICE BOX 927
COLUMBIA, SOUTH CAROLINA 29202

J. D. LATTLE, JR.
DIRECTOR

TELEPHONE
(803) 758-2381

September 9, 1970

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

Dear Mr. Guess:

In response to the request made at the hearing at your office on September 2, the South Carolina State Development Board hereby states its position regarding the application of Duke Power Company to operate its Keowee-Toxaway project now under construction.

The South Carolina State Development Board is in favor of granting the application of Duke Power Company to operate the power generating stations contained in the Keowee-Toxaway project for the following reasons:

a) The increase in electrical power supply which is vital to the continuing industrial growth of South Carolina.

b) The increase in employment both during the construction of the project and after the plants have been put in operation.

c) The value of the recreation facilities which are included in the project.

This approval is predicated on the assumption that Duke Power Company will operate the Keowee-Toxaway project without significant damage to the environment as indicated by their past performance.

Very truly yours,

J. Bonner Manly

J. Bonner Manly
Director

JBM:ns

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SEP 8 1970

South Carolina State Board of Health

J. MARION SIMS BUILDING
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HENRY MILLS, COMP. GEN. - - - - COLUMBIA

E. KENNETH AYCOCK, M.D.
SECRETARY AND STATE HEALTH OFFICER

September 3, 1970

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

Dear Mr. Guess:

This is in regard to Duke Power Company's Environmental Report for the Oconee Nuclear Station. The State Board of Health, as the Agency engaged in the regulatory control of ionizing radiation, has reviewed the report.

Based on this review the State Board of Health has no questions to propose with regards to Duke Power Company's Environmental Report.

Very truly yours,

Heyward G. Shealy

Heyward G. Shealy, Director
Division of Radiological Health

HGS:njc

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SEP 23 1970
U.S. ATOMIC ENERGY COMMISSION
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Mail Section

PRT

Bob Hickman
Executive Director

September 14, 1970

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

Dear Clair:

The following observations and comments are offered on behalf of our Department after hearing the presentations of Allied Gulf and Duke Power Company concerning environmental implications of their respective projects.

With reference to Allied Gulf's planned nuclear fuel reprocessing facility at Barnwell, we can see nothing in this development that would be adverse to any existing or proposed recreation developments in that general area.

With reference to Duke Power's Keowee-Toxaway project, it is our feeling that the Company has incorporated sufficient features in its plan to enhance the environment of the area for recreation purposes. We are pleased that the Company has set aside a number of tracts of land around the empoundments for public and private recreation developments. The Company already has deeded a 1,000 acre tract of land on Lake Keowee with substantial frontage on Lake Keowee to the State of South Carolina for a new state park. It appears that Duke Power Company has given substantial consideration also to opportunities for public enjoyment of the scenic beauty of the area.

We appreciate the opportunity to be a part of the reviewing team for these projects.

Sincerely,

Bob Hickman

Bob Hickman
Director

BH:dem
cc: Mr. Bill Marsh
Mr. Ray Sisk

758-2566

South Carolina Department of Parks, Recreation & Tourism — Box 1358, Columbia, South Carolina 29202

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C. PINCKNEY ROBERTS
JOEL E. GOTTLIEB
MICHAEL W. TIGHE
JOHN P. WILSON
JAMES H. QUACKENBUSH, JR.
ASSISTANT ATTORNEYS GENERAL

STATE OF SOUTH CAROLINA
OFFICE OF THE ATTORNEY GENERAL
POST OFFICE BOX 11549
COLUMBIA, S. C. 29211

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S. C. WILDLIFE COMMISSION
WILLIAM F. AUSTIN
PUBLIC SERVICE COMMISSION
MRS. SADYE B. DAVIS
ADMINISTRATIVE ASSISTANT

September 14, 1970

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

Dear Mr. Guess:

Pursuant to the procedures embodied in the Environment Policy Act, the South Carolina Attorney General's Office, acting as legal counsel for the Pollution Control Authority, has no comments to make in regard to the Duke Power Company. This office was well pleased with the effective steps the Duke Power Company has taken in its ecological preservation plans for nuclear power station in Oconee County. This project should be for many years to come beneficial to the citizens of the entire State of South Carolina

Very truly yours,

James H. Quackenbush, Jr.

James H. Quackenbush, Jr.
Assistant Attorney General

JHQ/sl

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SEP 23 1970
U.S. ATOMIC ENERGY
COMMISSION
Regulatory
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SOUTH CAROLINA
STATE HIGHWAY DEPARTMENT
DRAWER 191
COLUMBIA, S. C. 29202

September 14, 1970

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

Dear Mr. Guess:

This letter is to formally advise you that the South Carolina State Highway Department does not wish to enter an objection to the licensing of the proposed nuclear fuel reprocessing plant to be constructed near Barnwell by Allied Gulf Nuclear Services or to the operation of the Oconee Nuclear Station by Duke Power Company.

Our Mr. M. D. Moseley, Deputy State Highway Engineer, attended the meeting in your office on September 2, 1970, at which time information concerning the environmental effect of these two plants was made available and explained by representatives of Allied Gulf and Duke Power Company. From the information presented at this meeting, we do not feel that these plants will have an adverse environmental effect upon the highways or persons using the highways of this state.

The problems involved in the transportation of this spent nuclear fuel to the Barnwell reprocessing plant are being discussed by the Department directly with the agencies which would transport this fuel, and we expect to be able to arrive at a mutually agreeable solution to the transportation of these heavy loads so as not to damage the roads or bridges on the State Highway System.

We trust this is the information that you desire for making your report.

Sincerely yours,

S. N. Pearman
Chief Highway Commissioner

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RECEIVED
SEP 23 1970
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COMMISSION
Regulatory
Mail Section

SEP 8 1970

South Carolina State Board of Health

J. MARION SIMS BUILDING
COLUMBIA 29201

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E. KENNETH AYCOCK, M.D.
SECRETARY AND STATE HEALTH OFFICER

September 3, 1970

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South Carolina Water Resources Commission
2414 Bull Street
Columbia, South Carolina 29201

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Very truly yours,

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HGS:njc

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September 14, 1970

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Water Resources Commission
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758-2566

South Carolina Department of Parks, Recreation & Tourism — Box 1358, Columbia, South Carolina 29202

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September 14, 1970

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James H. Quackenbush, Jr.
Assistant Attorney General

JHQ/sl

SOUTH CAROLINA
STATE HIGHWAY DEPARTMENT
DRAWER 191
COLUMBIA, S. C. 29202

September 14, 1970

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

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Sincerely yours,

S. N. Pearman
Chief Highway Commissioner

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STATE OF SOUTH CAROLINA

Office of The Governor

Columbia 29211

Regulatory File Cy.

50-269
50-270
50-287
~~50-332~~

ROBERT E. MCNAIR
GOVERNOR

September 17, 1970

RECEIVED
SEP 23 1970
U.S. ATOMIC ENERGY COMMISSION
Regulatory
Mail Section

Mr. Harold L. Price
Director of Regulation
Atomic Energy Commission
Washington, D. C. 20545

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Sincerely,

Robert E. McNair

REM:AMB
Enclosures

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USAEC
SEP 23 1970
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MAIL SECTION
DOCKET CLERK

3020

SEP 10 1970

South Carolina
WILDLIFE RESOURCES DEPARTMENT
POST OFFICE BOX 167 COLUMBIA, SOUTH CAROLINA 29202

JAMES W. WEBB
EXECUTIVE DIRECTOR

PAT RYAN
DIRECTOR, DIVISION
OF GAME AND
FRESHWATER FISHERIES

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

September 8, 1970

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S. C. Water Resources Commission
2414 Bull Street
Columbia, South Carolina

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Yours truly,

Jefferson C. Fuller, Jr.
Chief, Game and Fish Management

JCFjr/mb

cc: Director Pat Ryan

SEP 14 1970

STATE DEVELOPMENT BOARD
POST OFFICE BOX 927
COLUMBIA, SOUTH CAROLINA 29202

J. BONNER MANLY, JR.
DIRECTOR

TELEPHONE
(803) 758-2381

September 9, 1970

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

Dear Mr. Guess:

In response to the request made at the hearing at your office on September 2, the South Carolina State Development Board hereby states its position regarding the application of Duke Power Company to operate its Keowee-Toxaway project now under construction.

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This approval is predicated on the assumption that Duke Power Company will operate the Keowee-Toxaway project without significant damage to the environment as indicated by their past performance.

Very truly yours,

J. Bonner Manly

J. Bonner Manly
Director

JBM:ns

3020

SEP 8 1970

South Carolina
State Commission of Forestry

JOHN R. TILLER
STATE FORESTER

P. O. BOX 287
COLUMBIA, S. C. 29202

September 4, 1970

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

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Very truly yours,

John R. Tiller
State Forester

JRT:yr

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South Carolina Pollution Control Authority

AUTHORITY MEMBERS
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CHAIRMAN
BEN N. MILLER, M.D. . . . . COLUMBIA
J. FRANK MIXSON . . . . GEORGETOWN
JACK E. POWERS . . . . . SIMPSONVILLE
WILLIAM M. BRICE, JR. . . . . YORK
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J. MARION SIMS BUILDING
Columbia, South Carolina 29201

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TELEPHONE: 758-5416

September 9, 1970

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

Dear Mr. Guess:

The following comments on Duke Power Company are noted as the result of our Environmental Policy meeting on September 2, 1970:

1. Page 3 of the report states no adverse effects on the ecology have been detected due to temperature rises.

   (a) What do they mean by adverse effects?

   (b) What happened to the number of species of micro-organisms due to the increase in temperature? Did they increase or decrease?

   (c) What happened to the number within the species of micro-organisms?

By direction of H. J. Webb, Ph.D., Executive Director, Pollution Control Authority.

Yours truly,

Henry E. Gibson

Henry E. Gibson
Chemist

HEG/dkw

cc: Mr. G. A. Rhame

STATE OF SOUTH CAROLINA WATER RESOURCES COMMISSION

CLAIR P. GUESS, JR., EXECUTIVE DIRECTOR

2414 BULL STREET, COLUMBIA, S. C. 29201

TELEPHONE (803) 758-2514

September 14, 1970

The Honorable Robert E. McNair
Governor of South Carolina
State House
Columbia, South Carolina 29201

Dear Governor McNair:

The South Carolina Water Resources Commission, as the agency charged with establishing a comprehensive water resources policy for the State and coordinating policies and activities among the State departments and agencies, has reviewed the Duke Power Company's Environmental Report for the Oconee Nuclear Station.

Based on a review of the information available, it is the opinion of the South Carolina Water Resources Commission that operating the Oconee Nuclear Station will have less adverse environmental effects than its alternatives, and urges the granting of an operating permit by the Atomic Energy Commission.

Sincerely,

Clair P. Guess

Clair P. Guess, Jr.
Executive Director

CPGJr:fw

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