

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 11518

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|---|--------------------|------------------------|------------------------|--------------------|--|-----|-------|
| FROM: Duke Power Co. Charlotte, N.C. A.C. Thies | | DATE OF DOC 11-6-74 | DATE REC'D 11-11-74 | LTR xxxxx | TWX | RPT | OTHER |
| TO: Mr. Angelo Giambusso | | ORIG 3-signed | CC | OTHER | SENT AEC PDR <u>XXXXXXXXXXXX</u> SENT LOCAL PDR <u>XXXXXXXXXX</u> | | |
| CLASS | UNCLASS xxxxxxx | PROP INFO | INPUT ✓ | NO CYS REC'D 37 | DOCKET NO: 50-269, (270)-287 | | |

DESCRIPTION: Ltr Trans the Following:
ACKNOWLEDGED

DO NOT REMOVE

PLANT NAME: Oconee 1-2-3

ENCLOSURES: Purposed changes to the Environmental Tech- Specs consisting of Changes to correct typographical errors and omissions in Tables 4.11-1 and 4.11-2
.....
Notarized 11-6-74

FOR ACTION/INFORMATION 11-11-74 JGB

| | | | |
|-------------------------|--|-----------------------------|------------------------|
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| KNIEL (L) W/ Copies | ✓ PURPLE (L) W/ Copies <i>FN 50</i> | YOUNGBLOOD (E) W/ Copies | W/ Copies |

INTERNAL DISTRIBUTION

| | | | | |
|---|--|--|---|--|
| <u>REG FILE</u> ✓ AEC PDR ✓ OGC, ROOM P-506A ✓ MUNTZING/STAFF CASE GIAMBUSSO BOYD MOORE (L) (BWR) DEYOUNG (L) (PWR) SKOVHOLT (L) ✓ GOLLER (L) P. COLLINS DENISE ✓ REG OPR FILE & REGION 2 MORRIS STEELE | <u>TECH REVIEW</u> SCHROEDER MACCARY KNIGHT PAWLICKI SHAO STELLO HOUSTON NOVAK ROSS IPPOLITO TEDESCO LONG LAINAS ✓ BENAROYA ✓ VOLIMER | <u>DENTON</u> GRIMES GAMMILL ✓ KASTNER ✓ BALLARD SPANGLER <u>ENVIRO</u> ✓ MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR HARLESS | <u>LIC ASST</u> DIGGS (L) GEARIN (L) GOULBOURNE (L) ✓ KREUTZER (E) LEE (L) MAIGRET (L) REED (E) SERVICE (L) ✓ SHEPPARD (L) SLATER (E) SMITH (L) TEETS (L) WILLIAMS (E) WILSON (L) | <u>A/T IND</u> BRAITMAN SALTZMAN B. HURT <u>PLANS</u> MCDONALD CHAPMAN ✓ DUBE w/input ✓ E. COUPE D. THOMPSON (2) KLECKER EISENHUT ✓ Scheme 2 |
|---|--|--|---|--|

EXTERNAL DISTRIBUTION

| | | |
|-------------------------------------|---------------------------------|---|
| ✓ 1 - LOCAL PDR <u>Walhalla, SC</u> | 1 - NATIONAL LABS <u>ORNL</u> | 1 - PDR-SAN/LA/NY |
| 1 - TIC (ABERNATHY) (1)(2)(10) | 1 - ASLBP (E/W Bldg, Rm 529) | 1 - BROOKHAVEN NAT LAB |
| 1 - NSIC (BUCHANAN) | 1 - W. PENNINGTON, Rm E-201 GT | 1 - G. ULRIKSON, ORNL |
| 1 - ASLB | 1 - B&M SWINEBROAD, Rm E-201 GT | 1 - AGMED (RUTH GUSSMAN) Rm B-127 GT |
| 1 - Newton Anderson | 1 - CONSULTANTS | 1 - R. D. MUELLER, Rm E-201 GT |
| 16 - ACRS HOLDING | NEWMARK/BLUME/AGBABIAN | |

DUKE POWER COMPANY

POWER BUILDING

422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28201

A. C. THIES
SENIOR VICE PRESIDENT
PRODUCTION AND TRANSMISSION

P. O. Box 2178

November 6, 1974

Regulatory

File Cy.

Mr. Angelo Giambusso
Deputy Director for Reactor Projects
Directorate of Licensing
Office of Regulation
U. S. Atomic Energy Commission
Washington, D. C. 20545

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



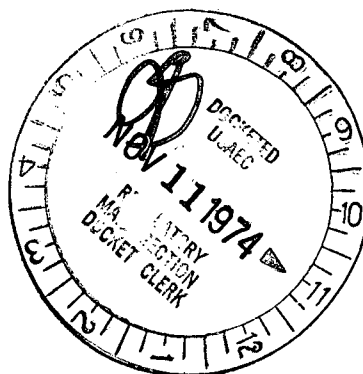
Dear Mr. Giambusso:

Please find attached for your review proposed changes to Oconee Nuclear Station Technical Specification 4.11, "Environmental Surveillance." The purpose of these proposed changes is to correct typographical errors and omissions in Tables 4.11-1 and 4.11-2. These corrections are indicated by vertical lines in the margins of proposed replacement pages 4.11-3 and 4.11-4.

Very truly yours,

s/A. C. Thies
A. C. Thies

ACT:vr
Attachment



11518

Mr. Angelo Giambusso

Page 2

November 6, 1974

A. C. THIES, being duly sworn, states that he is Senior Vice President of Duke Power Company; that he is authorized on the part of said Company to sign and file with the Atomic Energy Commission this request for amendment of the Oconee Nuclear Station Technical Specifications, Appendix A to Facility Operating Licenses DPR-38, DPR-47, and DPR-55; and that all statements and matters set forth therein are true and correct to the best of his knowledge.

s/A. C. Thies

A. C. Thies, Senior Vice President

ATTEST:

s/John C. Goodman, Jr.

John C. Goodman, Jr.

Assistant Secretary

(Seal)

Subscribed and sworn to before me this 6th day of November, 1974

s/Edna B. Farmer

Notary Public

(Notarial Seal)

My Commission Expires:

October 24, 1974

TABLE 4.11-1

OCONEE ENVIRONMENTAL RADIOACTIVITY MONITORING PROGRAM

COLLECTION FREQUENCY

Weekly W
 Monthly M
 Quarterly Q
 Semiannually S
 Triennially T

| | TYPE OF SAMPLE | | | | | | | | | | | | | |
|---|-------------------------|--------------------------------|---------------------------|-------------------------------|-------------------------------|----------------------------|-------------------------------------|--------------------------------|-----------------------|---|---|---------------|-----------------------|------|
| | WELL-WATER Residence | FINISHED WATER Water Supply | RAW WATER Water Supply | SURFACE WATER River, Lakes | RAIN, SETTLED DUST Fallout | AIR Particulate, Iodine | VEGETATION Pasture grass, forage | VEGETATION Commercial crops | VEGETATION Aquatic | BOTTOM SEDIMENT Water Supply & Lakes | Radiation Dose & Rate TLD and Instrument | FISH Lakes | MILK Local Dairies | SOIL |
| 000 Site: Visitors Center, Station #1 | | | | | M | W | Q | | | | Q | | | T |
| 000.1 Station #2 | | | | | M | | | | | | Q | | | |
| 000.2 Station #3 | | | | | M | | | | | | Q | | | |
| 000.3 Bridge N of Site on Hwy 183 Connecting Canal | | | | M | | | | | | | | | | |
| 000.4 Near Liquid Effluent Release Point | | | | | | | | | S | S | | | | |
| 000.5 1-Mile Radius of Site (including Lake Keowee) | | | | M | | | | | S | S | S | | | |
| 000.6 Lake Keowee Cooling Water Discharge | | | | M | | | | | | S | Q | | | |
| 000.7 At Bridge on Hwy 183 Existing | | | | M | | | | | | S | | | | |
| 000.9 NW Hwy 183 | | | | | | | | | | | Q | | | |
| 000.10 Skimmer Wall | | | | | | | | | | | Q | | | |
| 000.11 E Hwy 183 | | | | | | | | | | | Q | | | |
| 000.12 Construction Living Quarters | | | | | | | | | | | Q | | | |
| 000.13 Boat Dock - Visitors Center | | | | | | | | | | | Q | | | |
| 000.14 Keowee Hydro intake | | | | | | | | | | | Q | | | |
| 000.15 Site Fence, North | | | | | | | | | | | Q | | | |
| 000.16 Site Fence, North | | | | | | | | | | | Q | | | |
| 000.17 Site Fence, West | | | | | | | | | | | Q | | | |
| 000.18 Site Fence, West | | | | | | | | | | | Q | | | |
| 000.19 Site Fence, South | | | | | | | | | | | Q | | | |
| 001 SALEM: Vol. Fire Dept. Lot | | | | | | | | | | | Q | | | |
| 002 WALHALLA: Branch Rd. Sub-Station | | | | | M | | | | | | Q | | | |
| 002.1 5 Miles W of Site on Hwy 183 | | | | | | | Q | | | | | | W | T |
| 003 KEOWEE: High School Hwy 188 (Opposite Side) | | | | | | | | | | | Q | | | |
| 004 SENECA: Oconee Memorial Hospital | | | | | | | | | | | Q | | | |
| 004.1 Water Supply, Lake Keowee Intake | | M | M | | | | | | | | | | | |
| 005 NEWRY: Abandoned High School off S.C. 130 | | | | | | | | | | | Q | | | |
| 005.2 Hwy 27 at Bridge | | | | M | | | | | S | S | | | | |
| 006 CLEMSON: Meteorology Plot | | | | | M | W | Q | | | | Q | | | T |
| 006.1 Water Supply | | M | M | | | | | | | | | | | |
| 006.2 Intake Hartwell Reservoir K-3 | | | | | | | | | | S | | | Q | |
| 006.3 Dairy | | | | | | | | | | | | | | |
| 007 CENTRAL, S.C.: Joint Sub-Station Hwy 93 | | | | | | | | | | | Q | | | |
| 008 LIBERTY, S.C.: Branch Office Yard | | | | | | | | | | | Q | | | |
| 009 SIX MILE, S.C.: Microwave Tower Hwy 137 | | | | | | W | | | | | Q | | | |
| 010 PICKENS, S.C.: Branch Office Yard | | | | | M | | | | | | Q | | | |
| 011 FLOATING STATION: Warpath Boat Landing | | | | | | | | | | | Q | | | |
| 012 ANDERSON, S.C.: Water Supply | | M | M | | | | | | | | | | | |
| 013 HARTWELL RESERVOIR: 5.8 Miles S of Keowee Dam | | | | M | | | | | | | | S | | |
| 014 Old Highway 183 at Lake | Q | | | | | W | | | | | | | | |
| 015 Farms within a 5-Mile Radius of Site | Q | | | | | | Q | Q* | | | | | W* | |

* If sufficient quantities are available for sampling.

TABLE 4.11-2

OFFSITE RADIOLOGICAL MONITORING PROGRAM

| Type Samples | Schedule | Analysis | | | |
|--|---------------------------------------|-------------|------------|----------------|---|
| | | Gross Alpha | Gross Beta | Gamma Analysis | Specific Nuclides |
| 1. Water ⁽³⁾ | Monthly ⁽¹⁾ ⁽²⁾ | x | x | x | ⁸⁹ Sr, ⁹⁰ Sr, ³ H |
| | Quarterly | x | x | x | |
| 2. Airborne Particulates (including iodine) | Weekly | | | | ¹³¹ I |
| | Monthly | x | x | x | ⁸⁹ Sr, ⁹⁰ Sr |
| 3. Rain and Settled Dust | Monthly | x | x | | |
| | Quarterly | | | x | |
| 4. Radiation Dose and Dose Rate | Quarterly | | | | |
| 5. Lake Bottom and Shore- line Sediment including benthos | Semiannually (as available) | | | x | ⁶⁰ Co, ⁸⁹ Sr, ⁹⁰ Sr |
| | | | | | |
| 6. Aquatic Vegetation and/or Plankton | Semiannually (as available) | | | x | ¹³⁷ Cs, ⁴⁰ K, ⁸⁹ Sr, ⁹⁰ Sr |
| | | | | | |
| 7. Terrestrial Vegetation- pasture grass, forage, and commercial crops | Quarterly (as available) | | | x | ¹³⁷ Cs, ⁴⁰ K, ¹³¹ I |
| | | | | | |
| 8. Milk | Weekly ⁽⁴⁾ | | | | ¹³¹ I |
| | Monthly ⁽⁵⁾ , Quarterly | | | x | ⁸⁹ Sr, ⁹⁰ Sr, ¹³⁷ Cs, ⁴⁰ K, ³ H, ¹³¹ I |
| 9. Fish | Semiannually | | | x | ⁸⁹ Sr, ⁹⁰ Sr, ¹³⁷ Cs, ⁴⁰ K |
| 10. Soil | Triennially | | | x | ⁸⁹ Sr, ⁹⁰ Sr |

NOTES:

(1) Water supply samples will be composited weekly for monthly analyses.

(2) Record status of waste discharge operations at time of sampling for surface water samples.

(3) Surface water samples are to be collected closely following liquid discharge to allow for sufficient time for movement downstream in order to verify dilution, or monthly for continuous discharge.

(4) When animals are on pasture.

(5) Milk samples will be composited weekly for monthly analysis.