

**AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL  
(TEMPORARY FORM)**

CONTROL NO: 11518

FILE: \_\_\_\_\_

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

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

BUTLER (L) W/ Copies	SCHWENCER (L) W/ Copies	ZIEMANN (L) W/ Copies	REGAN (E) W/ Copies
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**INTERNAL DISTRIBUTION**

<b>REG FILE</b> ✓ AEC PDR ✓ OGC, ROOM P-506A ✓ MUNTZING/STAFF CASE GIAMBUSO BOYD MOORE (L) (BWR) DEYOUNG (L) (PWR) SKOVHOLT (L) ✓ GOLLER (L) P. COLLINS DENISE ✓ REG OPR FILE & REGION (2) MORRIS STEELE	<b>TECH REVIEW</b> SCHROEDER MACCARY KNIGHT PAWLICKI SHAO STELLO HOUSTON NOVAK ROSS IPPOLITO TEDESCO LONG LAINAS ✓ BENAROYA ✓ VOLIMER	<b>DENTON</b> GRIMES GAMMILL ✓ KASTNER ✓ BALLARD SPANGLER  <b>ENVIRO</b> ✓ MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR  HARLESS	<b>LIC ASST</b> 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)	<b>A/T IND</b> BRAITMAN SALTZMAN B. HURT  <b>PLANS</b> MCDONALD CHAPMAN ✓ DUBE w/input ✓ E. COUPE  D. THOMPSON (2) KLECKER EISENHUT ✓ Schme 2
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**EXTERNAL DISTRIBUTION**

✓ LOCAL PDR Walhalla, SC	1 - NATIONAL LABS <b>OENL</b>	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	

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TO: Mr. Angelo Giambusso		ORIG 3-signed	CC	OTHER	SENT AEC PDR xxxxxxxxxxxx		
					SENT LOCAL PDR xxxxxxxxxxxx		
CLASS	UNCLASS xxxxxxx	PROP INFO	INPUT ✓	NO CYS REC'D 37	DOCKET NO: 50-269, -270, -287		

DESCRIPTION:  Ltr Trans the Following:  <div style="text-align: center; border: 1px solid black; padding: 5px; transform: rotate(-5deg);"> <b>ACKNOWLEDGED DO NOT REMOVE</b> </div> PLANT NAME: Oconee 1-2-3	ENCLOSURES:  Purposed changes to the Environmental Tech- Specs consisting of:.....  Notarized 11-6-74
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**FOR ACTION/INFORMATION**      11-11-74      JGB

BUTLER (L)	SCHWENCER (L)	ZIEMANN (L)	REGAN (E)
W/ Copies	W/ Copies	W/ Copies	W/ Copies
CLARK (L)	STOLZ (L)	✓ DICKER (E)	LEAR (L)
W/ Copies	W/ Copies	W/ Copies	W/ Copies
PARR (L)	VASSALLO (L)	KNIGHTON (E)	
W/ Copies	W/ Copies	W/ Copies	W/ Copies
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# DUKE POWER COMPANY

POWER BUILDING

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

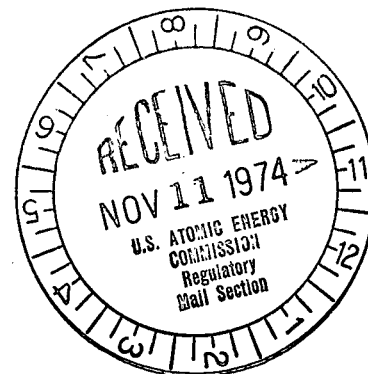
A. C. THIES  
SENIOR VICE PRESIDENT  
PRODUCTION AND TRANSMISSION

P. O. Box 2178

November 6, 1974

AEC PUBLIC DOCUMENT ROOM

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

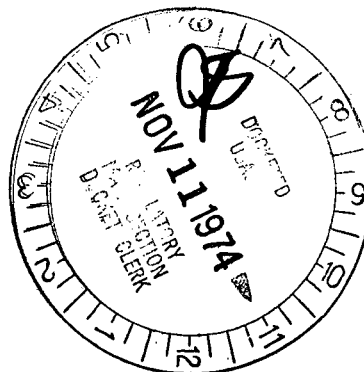
Dear Mr. Giambusso:

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

KEOWEE ENVIRONMENTAL MONITORING ACTIVITY: DATA FORMS PRESENT

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
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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		W	T
002.1	5 Miles W of Site on Hwy 183					Q							
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.

\* 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 <sup>(3)</sup>	Monthly <sup>(1) (2)</sup>	x	x	x	<sup>89</sup> Sr, <sup>90</sup> Sr, <sup>3</sup> H
	Quarterly	x	x	x	
2. Airborne Particulates (including iodine)	Weekly				<sup>131</sup> I
	Monthly	x	x	x	<sup>89</sup> Sr, <sup>90</sup> 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	<sup>60</sup> Co, <sup>89</sup> Sr, <sup>90</sup> Sr
6. Aquatic Vegetation and/or Plankton	Semiannually (as available)			x	<sup>137</sup> Cs, <sup>40</sup> K, <sup>89</sup> Sr, <sup>90</sup> Sr
7. Terrestrial Vegetation- pasture grass, forage, and commercial crops	Quarterly (as available)			x	<sup>137</sup> Cs, <sup>40</sup> K, <sup>131</sup> I
8. Milk	Weekly <sup>(4)</sup>				<sup>131</sup> I
	Monthly <sup>(5)</sup> , Quarterly			x	<sup>89</sup> Sr, <sup>90</sup> Sr, <sup>137</sup> Cs, <sup>40</sup> K <sup>3</sup> H, <sup>131</sup> I
9. Fish	Semiannually			x	<sup>89</sup> Sr, <sup>90</sup> Sr, <sup>137</sup> Cs, <sup>40</sup> K
10. Soil	Triennially			x	<sup>89</sup> Sr, <sup>90</sup> 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.