

AEC CONTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

3215

CONTROL NO: _____

FILE: Monthly Rpt. File

FROM: Duke Power Company Charlotte, N.C. 28201 Mr. A. C. Thies			DATE OF DOC 4-10-74	DATE REC'D 4-12-74	LTR X	MEMO	RPT	OTHER
TO: AEC			ORIG 1 signed	CC	OTHER	SENT AEC PDR XXX SENT LOCAL PDR XXX		
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-269/270			

DESCRIPTION:

Ltr trans the following....

ENCLOSURES:

March monthly operating report "Plant operability and availability" for preparing the Grey Book

ACKNOWLEDGED

(1 cy encl rec'd)

DO NOT REMOVE

PLANT NAME: Oconee 1 & 2

FOR ACTION/INFORMATION

4-12-74

JB

BUTLER(L) W/ Copies	SCHWENCER(L) W/ Copies	ZIEMANN(L) W/ Copies	REGAN(E) W/ Copies
CLARK(L) W/ Copies	STOLZ(L) W/ Copies	DICKER(E) W/ Copies	✓ W. Magee
GOLLER(L) W/ Copies	VASSALLO(L) W/ Copies	KNIGHTON(E) W/ Copies	W/ 2 Copies
KNIEL(L) W/ Copies	SCHEMEL(L) W/ Copies	YOUNGBLOOD(E) W/ Copies	W/ Copies
			W/ Copies

INTERNAL DISTRIBUTION

✓ <u>REG FILE (L-270)</u>	<u>TECH REVIEW</u>	DENTON	LIC ASST	A/T IND
✓ AEC PDR (L-270)	HENDRIE	GRIMES		BRAITMAN
OGC, ROOM P-506A	SCHROEDER	GAMMILL	DIGGS (L)	SALTZMAN
MUNTZING/STAFF	MACCARY	KASTNER	GEARIN (L)	B. HURT
CASE	KNIGHT	BALLARD	GOULBOURNE (L)	<u>PLANS</u>
GIAMBUSSO	PAWLICKI	SPANGLER	LEE (L)	✓ MCDONALD
BOYD	SHAO		MAIGRET (L)	DUBE w/Input
MOORE (L)(BWR)	STELLO	<u>ENVIRO</u>	REED (E)	<u>INFO</u>
DEYOUNG(L)(PWR)	HOUSTON	MULLER	SERVICE (L)	C. MILES
SKOVHOLT (L)	NOVAK	DICKER	SHEPPARD (L)	B. KING
P. COLLINS	ROSS	KNIGHTON	SLATER (E)	✓ Chapman
DENISE	IPPOLITO	YOUNGBLOOD	SMITH (L)	✓ Schwencer
<u>REG OPR</u>	TEDESCO	REGAN	TEETS (L)	
FILE & REGION(3)	LONG	PROJECT LDR	WADE (E)	
MORRIS	LAINAS		WILLIAMS (E)	
STEELE	BENAROYA	HARLESS	WILSON (L)	
	VOLLIMER			

EXTERNAL DISTRIBUTION

✓ 1 - LOCAL PDR <u>Walhalla, S.C.</u>	(1)(2)(10)-NATIONAL LAB'S	1-PDR-SAN/LA/NY
✓ 1 - DTIE(ABERNATHY)	1-ASLBP(E/W Bldg, Rm 529)	1-GERALD LELLOUCHE
✓ 1 - NSIC(BUCHANAN)	1-W. PENNINGTON, Rm E-201 GT	BROOKHAVEN NAT. LAB
1 - ASLB(YORE)	1-CONSULTANT'S	1-AGMED(Ruth Gussman)
	NEWMARK/BLUME/AGBABIAN	RM-B-127, GT.
16 - CYS ACRS HOLDING	1-GERALD ULRICKSON...ORNL	1-RD..MULLER..F-309 GT

Rg.

13

10-11-54

10-11-54
10-11-54
10-11-54

10-11-54

10-11-54

10-11-54

10-11-54

10-11-54

10-11-54

10-11-54

10-11-54

10-11-54

10-11-54

10-11-54

10-11-54

10-11-54

10-11-54

10-11-54

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

April 10, 1974

Director
Office of Plans and Schedules
Directorate of Licensing
Office of Regulation
U. S. Atomic Energy Commission
Washington, D. C. 20545

Re: Oconee Nuclear Station
Units 1 and 2
Docket Nos. 50-269 and 50-270

Dear Sir:

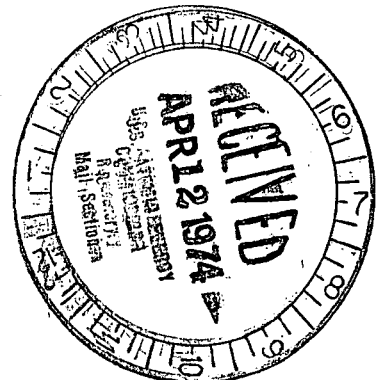
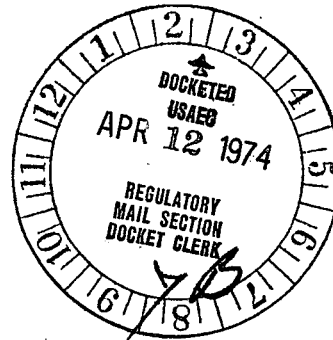
Please find attached information requested in Mr. L. Manning Muntzing's letter of February 19, 1974. This information is submitted on the forms provided and covers the performance and operating status of Oconee Units 1 and 2 for the month of March, 1974.

Very truly yours,

A. C. Thies for
A. C. Thies

ACT:vr
Attachment

cc: Mr. Norman C. Moseley



UNIT Oconee Unit 1DATE April 10, 1974

O P E R A T I N G S T A T U S

1. REPORTING PERIOD: March 1 TO March 31, 1974GROSS HOURS IN REPORTING PERIOD: 7442. CURRENTLY AUTHORIZED POWER LEVEL MWt 2568 MWe-NET 8713. POWER LEVEL TO WHICH RESTRICTED (IF ANY): None

4. REASONS FOR RESTRICTIONS (IF ANY):

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>739.9</u>	<u>1684.9</u>	<u>6038.8</u>
6. HOURS GENERATOR ON-LINE	<u>732.3</u>	<u>1629.6</u>	<u>4618.7</u>
7. GROSS THERMAL POWER GENERATED (MWH)	<u>1,666,746</u>	<u>3,768,909</u>	<u>9,779,789</u>
8. GROSS ELECTRICAL POWER GENERATED (MWH)	<u>590,628</u>	<u>1,327,280</u>	<u>3,415,868</u>
9. NET ELECTRICAL POWER GENERATED (MWH)	<u>562,144</u>	<u>1,257,495</u>	<u>3,216,573</u>
10. REACTOR AVAILABILITY FACTOR (1)	<u>99.5</u>	<u>78.0</u>	<u>97.2</u>
11. PLANT AVAILABILITY FACTOR (2)	<u>98.4</u>	<u>75.5</u>	<u>74.3</u>
12. PLANT CAPACITY FACTOR (3)	<u>86.8</u>	<u>66.9</u>	<u>59.4</u>
13. FORCED OUTAGE RATE (4)	<u>1.6</u>	<u>6.7</u>	<u>8.15</u>
14. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH):	<u>Two week shutdown for modifications to high energy lines outside containment to commence April 24, 1974.</u>		
15. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:	<u></u>		

16. PLANTS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:

	DATE LAST FORECAST	DATE ACHIEVED	REASON FOR DIFFERENCE
INITIAL CRITICALITY	<u></u>	<u></u>	<u></u>
INITIAL ELECTRICAL POWER GENERATION	<u></u>	<u></u>	<u></u>
COMMERCIAL OPERATION	<u></u>	<u></u>	<u></u>

(1) REACTOR AVAILABILITY FACTOR = $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}} * 100$ (2) PLANT AVAILABILITY FACTOR = $\frac{\text{HOURS GENERATOR ON-LINE}}{\text{GROSS HOURS IN REPORTING PERIOD}} * 100$ (3) PLANT CAPACITY FACTOR = $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{CURRENTLY LICENSED POWER LEVEL} * \text{GROSS HOURS IN REPORTING PERIOD}}$ (4) FORCED OUTAGE RATE = $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON-LINE} + \text{FORCED OUTAGE HOURS}} * 100$

SUMMARY:

UNIT NAME Oconee Unit 1
DATE April 10, 1974

REPORT MONTH March, 1974

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
4	740311	F	11.7	A*	C	*External Cause

(1) REASON:
A-EQUIPMENT FAILURE (EXPLAIN)
B-MAINT. OR TEST
C-REFUELING
D-REGULATORY RESTRICTION
E-OPERATOR TRAINING AND
LICENSE EXAMINATION
F-ADMINISTRATIVE
G-OPERATIONAL ERROR
(EXPLAIN)

(2) METHOD:
A- MANUAL
B- MANUAL SCRAM
C- AUTOMATIC SCRAM

UNIT Oconee Unit 1DATE 4/8/74DAILY PLANT POWER OUTPUTMONTH March, 1974

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>20962</u>	22	<u>20822</u>
2	<u>20006</u>	23	<u>20696</u>
3	<u>16253</u>	24	<u>20669</u>
4	<u>20912</u>	25	<u>20899</u>
5	<u>16563</u>	26	<u>20772</u>
6	<u>20899</u>	27	<u>20694</u>
7	<u>20942</u>	28	<u>20773</u>
8	<u>20502</u>	29	<u>20838</u>
9	<u>20114</u>	30	<u>20815</u>
10	<u>20759</u>	31	<u>20703</u>
11	<u>7614</u>		
12	<u>13091</u>		
13	<u>14672</u>		
14	<u>14606</u>		
15	<u>14538</u>		
16	<u>14329</u>		
17	<u>14176</u>		
18	<u>14010</u>		
19	<u>14361</u>		
20	<u>15026</u>		
21	<u>20128</u>		

UNIT Oconee UnitDATE April 10, 1974

O P E R A T I N G S T A T U S

1. REPORTING PERIOD: March 1 TO March 31, 1974GROSS HOURS IN REPORTING PERIOD: 7442. CURRENTLY AUTHORIZED POWER LEVEL MWe 2568 MWe-NET3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): None

4. REASONS FOR RESTRICTIONS (IF ANY):

Oconee Unit 2 is currently in power escalation testing and is not commercially operable. Items 10-13 are not applicable.

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>0</u>	<u>85.6</u>	<u>743.0</u>
6. HOURS GENERATOR ON-LINE	<u>0</u>	<u>64.0</u>	<u>577.2</u>
7. GROSS THERMAL POWER GENERATED (MWH)	<u>0</u>	<u>104099</u>	<u>709271</u>
8. GROSS ELECTRICAL POWER GENERATED (MWH)	<u>0</u>	<u>33000</u>	<u>209310</u>
9. NET ELECTRICAL POWER GENERATED (MWH)	<u>-2165</u>	<u>21447</u>	<u>173734</u>
10. REACTOR AVAILABILITY FACTOR (1)	<u> </u>	<u> </u>	<u> </u>
11. PLANT AVAILABILITY FACTOR (2)	<u> </u>	<u> </u>	<u> </u>
12. PLANT CAPACITY FACTOR (3)	<u> </u>	<u> </u>	<u> </u>
13. FORCED OUTAGE RATE (4)	<u> </u>	<u> </u>	<u> </u>

14. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH):

15. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

16. PLANTS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:

	DATE LAST FORECAST	DATE ACHIEVED	REASON FOR DIFFERENCE
INITIAL CRITICALITY	<u> </u>	<u>11/11/73</u>	<u> </u>
INITIAL ELECTRICAL POWER GENERATION	<u> </u>	<u>12/5/73</u>	<u> </u>
COMMERCIAL OPERATION	<u>5/15/74</u>	<u> </u>	<u> </u>

(1) REACTOR AVAILABILITY FACTOR = $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}} * 100$ (2) PLANT AVAILABILITY FACTOR = $\frac{\text{HOURS GENERATOR ON-LINE}}{\text{GROSS HOURS IN REPORTING PERIOD}} * 100$ (3) PLANT CAPACITY FACTOR = $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{CURRENTLY LICENSED POWER LEVEL} * \text{GROSS HOURS IN REPORTING PERIOD}}$ (4) FORCED OUTAGE RATE = $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON-LINE} + \text{FORCED OUTAGE HOURS}} * 100$

SUMMARY:

UNIT NAME Oconee Unit 2

DATE April 10, 1974

REPORT MONTH March, 1974

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
3	740122	F	744	A	B	

(1) REASON:
 A-EQUIPMENT FAILURE (EXPLAIN)
 B-MAINT. OR TEST
 C-REFUELING
 D-REGULATORY RESTRICTION
 E-OPERATOR TRAINING AND
 LICENSE EXAMINATION
 F-ADMINISTRATIVE
 G-OPERATIONAL ERROR
 (EXPLAIN)

(2) METHOD:
 A- MANUAL
 B- MANUAL SCRAM
 C- AUTOMATIC SCRAM



24/8