

FROM: Duke Power Company Charlotte, N. C. 28201 A. C. Thies		DATE OF DOC 8-10-74	DATE REC'D 8-12-74	LTR X	TWX	RPT	OTHER
TO:		ORIG 1 signed	CC	OTHER	SENT AEC PDR X SENT LOCAL PDR X		
CLASS DL XXXX	UNCLASS	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-269/270		
DESCRIPTION: Ltr trans the following:				ENCLOSURES: Monthly Report for July 1974 Plant & Component Operability & Availability This Report to be use for preparing Grey Book by Plans & Operations  No. of Copies Rec'd 1			
PLANT NAME: Oconee Units 1 & 2							

FOR ACTION/INFORMATION

8-12-74 AB

BUTLER (L)	SCHWENCER (L)	ZIEMANN (L)	REGAN (E)
W/ CYS	W/ CYS	W/ CYS	W/ CYS
CLARK (L)	STOLZ (L)	DICKER (E)	
W/ CYS	W/ CYS	W/ CYS	W/ CYS
W/ CYS	W/ CYS	W/ CYS	W/ 2CYS
KNIEL (L)	PURPLE (L)	YOUNGBLOOD (E)	
W/ CYS	W/ 1 CYS	W/ CYS	W/ CYS

## INTERNAL DISTRIBUTION

REG FILE (2)	TECH REVIEW	DENTON	LIC ASST	A/T IND
AEC PDR (2)	HENDRIE	GRIMES	DIGGS (L)	BRAITMAN
OGC	SCHROEDER	GAMMILL	GEARIN (L)	SALTZMAN
MUNTZING/STAFF	MACCARY	KASTNER	GOULBOURNE (L)	B. HURT
CASE	KNIGHT	BALLARD	KREUTZER (E)	
GIAMBUSSO	PAWLICKI	SPANGLER	LEE (L)	PLANS
BOYD	SHAO		MAIGRET (L)	MCDONALD
MOORE (L)(LWR-2)	STELLO	ENVIRO	REED (E)	CHAPMAN
DEYOUNG (L)(LWR-1)	HOUSTON	MULLER	SERVICE (L)	DUBE w/input
SKOVHOLT (L)	NOVAK	DICKER	SHEPPARD (L)	E. COUPE
GOLLER (L)	ROSS	KNIGHTON	SLATER (E)	
P. COLLINS	IPPOLITO	YOUNGBLOOD	SMITH (L)	D. THOMPSON (2)
DENISE	TEDESCO	REGAN	TEETS (L)	KLECKER
REG OPR	LONG	PROJECT MGR	WILLIAMS (E)	EISENHUT
FILE & REGION (3)	LAINAS		WILSON (L)	
MORRIS	BENAROYA	HARLESS		
STEELE	VOLLMER			

## EXTERNAL DISTRIBUTION

1 - LOCAL PDR Walhalla, SC	(1)(2)(10)-NATIONAL LABS	1-PDR-SAN/LA/NY
1 - TIC (ABERNATHY)	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 GUSMAN)
1 - P. R. DAVIS	1-CONSULTANTS	Rm B-127 GT
15 - ACRS HOLDING	NEWMARK/BLUME/ACBABLAX	1-RD. MEYER, Rm F-100

B9

## 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

August 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, -270

Dear Sir:

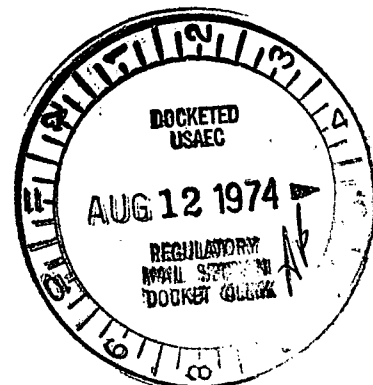
Please find attached information requested in Mr. L. Manning Muntzing's letter of February 19, 1974. This information is submitted on the forms provided and covers the performance and operating status of Oconee Units 1 and 2 for the month of July, 1974.

Very truly yours,

*A. C. Thies*  
A. C. Thies *EDP*

ACT:gje  
Attachment

cc: Mr. Norman C. Moseley



8305

UNIT Oconee Unit 1

DATE August 10, 1974

O P E R A T I N G   S T A T U S

1. REPORTING PERIOD: July 1 TO July 31, 1974

GROSS HOURS IN REPORTING PERIOD: 744

2. CURRENTLY AUTHORIZED POWER LEVEL MWe 2568 MWe-NET 871

3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): \_\_\_\_\_

4. REASONS FOR RESTRICTIONS (IF ANY): \_\_\_\_\_

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>734.6</u>	<u>3613.6</u>	<u>7967.5</u>
6. HOURS GENERATOR ON-LINE	<u>714.4</u>	<u>3505.4</u>	<u>6494.5</u>
7. GROSS THERMAL POWER GENERATED (MWH)	<u>1751151</u>	<u>8231509</u>	<u>14242390</u>
8. GROSS ELECTRICAL POWER GENERATED (MWH)	<u>610896</u>	<u>2876512</u>	<u>4965100</u>
9. NET ELECTRICAL POWER GENERATED (MWH)	<u>582258</u>	<u>2722822</u>	<u>4681900</u>
10. REACTOR AVAILABILITY FACTOR (1)	<u>98.7</u>	<u>71.0</u>	<u>87.1</u>
11. PLANT AVAILABILITY FACTOR (2)	<u>96.0</u>	<u>68.9</u>	<u>71.0</u>
12. PLANT CAPACITY FACTOR (3)	<u>89.9</u>	<u>61.5</u>	<u>58.8</u>
13. FORCED OUTAGE RATE (4)	<u>3.9</u>	<u>7.1</u>	<u>7.9</u>

14. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH): Refueling Outage, October 1974, 1 month

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	_____	_____	_____
INITIAL ELECTRICAL POWER GENERATION	_____	_____	_____
COMMERCIAL OPERATION	_____	_____	_____

(1) REACTOR AVAILABILITY FACTOR =  $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$

(2) PLANT AVAILABILITY FACTOR =  $\frac{\text{HOURS GENERATOR ON-LINE}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$

(3) PLANT CAPACITY FACTOR =  $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{CURRENTLY LICENSED POWER LEVEL} \times \text{GROSS HOURS IN REPORTING PERIOD}}$

(4) FORCED OUTAGE RATE =  $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON-LINE} + \text{FORCED OUTAGE HOURS}} \times 100$

UNIT Oconee Unit 1DATE August 10, 1974DAILY PLANT POWER OUTPUTMONTH July, 1974

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>3903</u>	22	<u>20438</u>
2	<u>15171</u>	23	<u>20468</u>
3	<u>19754</u>	24	<u>20399</u>
4	<u>20548</u>	25	<u>20348</u>
5	<u>9250</u>	26	<u>20348</u>
6	<u>7883</u>	27	<u>20230</u>
7	<u>18260</u>	28	<u>20008</u>
8	<u>20274</u>	29	<u>19834</u>
9	<u>20293</u>	30	<u>20349</u>
10	<u>20373</u>	31	<u>20424</u>
11	<u>20371</u>		
12	<u>20434</u>		
13	<u>20374</u>		
14	<u>20348</u>		
15	<u>20395</u>		
16	<u>20466</u>		
17	<u>20268</u>		
18	<u>20428</u>		
19	<u>20315</u>		
20	<u>20137</u>		
21	<u>20167</u>		

UNIT NAME Oconee Unit 1DATE August 10, 1974

COMPLETED BY \_\_\_\_\_

REPORT MONTH July, 1974

## P L A N T   S H U T D O W N S

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
9	740629	F	14	A	A	
10	740705	F	9	G	C	
11	740705	F	2	G	C	

## (1) REASON:

A-EQUIPMENT FAILURE (EXPLAIN)  
B-MAINT. OR TEST  
C-REFUELLING  
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 2

DATE August 10, 1974

O P E R A T I N G   S T A T U S

1. REPORTING PERIOD: July 1 TO July 31, 1974

GROSS HOURS IN REPORTING PERIOD: 744.0

2. CURRENTLY AUTHORIZED POWER LEVEL MWt 2568 MWe-NET           

3. 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 9-13 are not applicable.

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>356.1</u>	<u>1264.6</u>	<u>1922.0</u>
6. HOURS GENERATOR ON-LINE	<u>306.2</u>	<u>1128.5</u>	<u>1641.7</u>
7. GROSS THERMAL POWER GENERATED (MWH)	<u>399,375</u>	<u>1,866,012</u>	<u>2468983</u>
8. GROSS ELECTRICAL POWER GENERATED (MWH)	<u>131,680</u>	<u>642,046</u>	<u>818,356</u>
9. NET ELECTRICAL POWER GENERATED (MWH)	<u>N/A</u>	<u>          </u>	<u>          </u>
10. REACTOR AVAILABILITY FACTOR (1)	<u>N/A</u>	<u>          </u>	<u>          </u>
11. PLANT AVAILABILITY FACTOR (2)	<u>N/A</u>	<u>          </u>	<u>          </u>
12. PLANT CAPACITY FACTOR (3)	<u>N/A</u>	<u>          </u>	<u>          </u>
13. FORCED OUTAGE RATE (4)	<u>N/A</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>9/1/74</u>	<u>          </u>	<u>          </u>

(1) REACTOR AVAILABILITY FACTOR =  $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}} \quad *100$

(2) PLANT AVAILABILITY FACTOR =  $\frac{\text{HOURS GENERATOR ON-LINE}}{\text{GROSS HOURS IN REPORTING PERIOD}} \quad *100$

(3) PLANT CAPACITY FACTOR =  $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{CURRENTLY LICENSED POWER LEVEL} \times \text{GROSS HOURS IN REPORTING PERIOD}}$

(4) FORCED OUTAGE RATE =  $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON-LINE} + \text{FORCED OUTAGE HOURS}} \quad * 100$

UNIT Oconee Unit 3

DATE August 10, 1974

O P E R A T I N G   S T A T U S

1. REPORTING PERIOD: July 1 TO July 31, 1974

GROSS HOURS IN REPORTING PERIOD: 744.0

2. CURRENTLY AUTHORIZED POWER LEVEL Mwt 2568 MWe-NET \_\_\_\_\_

3. 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>N/A</u>	_____	_____
6. HOURS GENERATOR ON-LINE	<u>N/A</u>	_____	_____
7. GROSS THERMAL POWER GENERATED (MWH)	<u>N/A</u>	_____	_____
8. GROSS ELECTRICAL POWER GENERATED (MWH)	<u>N/A</u>	_____	_____
9. NET ELECTRICAL POWER GENERATED (MWH)	<u>N/A</u>	_____	_____
10. REACTOR AVAILABILITY FACTOR (1)	<u>N/A</u>	_____	_____
11. PLANT AVAILABILITY FACTOR (2)	<u>N/A</u>	_____	_____
12. PLANT CAPACITY FACTOR (3)	<u>N/A</u>	_____	_____
13. FORCED OUTAGE RATE (4)	<u>N/A</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>8/13/74</u>	_____	_____
INITIAL ELECTRICAL POWER GENERATION	<u>8/27/74</u>	_____	_____
COMMERCIAL OPERATION	<u>10/1/74</u>	_____	_____

(1) REACTOR AVAILABILITY FACTOR =  $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$

(2) PLANT AVAILABILITY FACTOR =  $\frac{\text{HOURS GENERATOR ON-LINE}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$

(3) PLANT CAPACITY FACTOR =  $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{CURRENTLY LICENSED POWER LEVEL} \times \text{GROSS HOURS IN REPORTING PERIOD}}$

(4) FORCED OUTAGE RATE =  $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON-LINE} + \text{FORCED OUTAGE HOURS}} \times 100$