

FROM: Duke Power Company Charlotte, N. C. 28201 A. C. Thies		DATE OF DOC 5-10-74	DATE REC'D 5-14-74	LTR X	MEMO	RPT	OTHER
TO: D. of P & S		ORIG 1 signed	CC	OTHER	SENT AEC PDR X SENT LOCAL PDR X		
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: <u>50-269</u> /270		

DESCRIPTION:
Ltr trans the following:

ACKNOWLEDGED

PLANT NAME: Oconee Units 1 & 2

ENCLOSURES:
April 1974 Monthly Report: "Plant & Component Operability & Availabiltiy"....This Report to be use for preparing Grey Book by Plans & Operations.

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FOR ACTION/INFORMATION 5-14-74 GC

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Regulatory Docket File

DUKE POWER COMPANY

POWER BUILDING

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

A. C. THIES
SENIOR VICE PRESIDENT
PRODUCTION AND TRANSMISSION

May 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 April, 1974.

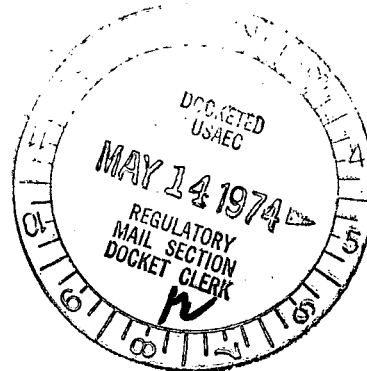
Very truly yours,



A. C. Thies

ACT:gje
Attachment

cc: Mr. Norman C. Moseley



4293

UNIT OCONEE UNIT 1

DATE MAY 10, 1974

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

1. REPORTING PERIOD: APRIL 1 TO APRIL 30, 1974

GROSS HOURS IN REPORTING PERIOD: 720

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

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>657.1</u>	<u>2342</u>	<u>6695.9</u>
6. HOURS GENERATOR ON-LINE	<u>633.1</u>	<u>2262.8</u>	<u>5251.9</u>
7. GROSS THERMAL POWER GENERATED (MWH)	<u>1437698</u>	<u>5206607</u>	<u>11217487</u>
8. GROSS ELECTRICAL POWER GENERATED (MWH)	<u>497852</u>	<u>1825132</u>	<u>3913720</u>
9. NET ELECTRICAL POWER GENERATED (MWH)	<u>471471</u>	<u>1728966</u>	<u>3688044</u>
10. REACTOR AVAILABILITY FACTOR (1)	<u>91.3</u>	<u>81.4</u>	<u>96.5</u>
11. PLANT AVAILABILITY FACTOR (2)	<u>87.9</u>	<u>78.6</u>	<u>75.7</u>
12. PLANT CAPACITY FACTOR (3)	<u>75.2</u>	<u>69.0</u>	<u>61.1</u>
13. FORCED OUTAGE RATE (4)	<u>6.6</u>	<u>6.7</u>	<u>8.0</u>

14. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH): Shutdown for modifications to high-energy lines outside containment, May 6 - May 19, 1974.

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 = $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}} * 100$

(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 MAY 10, 1974

COMPLETED BY _____

REPORT MONTH APRIL, 1974

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
5	7404	F	45	B	A	Replaced oil in RC pumps
6	7404	S	41.9	E	A	

(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 1

DATE MAY 10, 1974

DAILY PLANT POWER OUTPUT

MONTH

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>20830</u>	22	<u>20469</u>
2	<u>20894</u>	23	<u>20061</u>
3	<u>19500</u>	24	<u>12315</u>
4	<u>15377</u>	25	<u>-855</u>
5	<u>13738</u>	26	<u>2221</u>
6	<u>-170</u>	27	<u>15319</u>
7	<u>-408</u>	28	<u>16683</u>
8	<u>13151</u>	29	<u>18930</u>
9	<u>17297</u>	30	<u>20245</u>
10	<u>16563</u>	31	<u> </u>
11	<u>13634</u>		
12	<u>14060</u>		
13	<u>17327</u>		
14	<u>20472</u>		
15	<u>20540</u>		
16	<u>20543</u>		
17	<u>20566</u>		
18	<u>20567</u>		
19	<u>20624</u>		
20	<u>20469</u>		
21	<u>20509</u>		

UNIT OCONEE UNIT 2

DATE MAY 10, 1974

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

1. REPORTING PERIOD: APRIL 1 TO APRIL 30, 1974
GROSS HOURS IN REPORTING PERIOD: 720
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>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)	_____	_____	_____
10. REACTOR AVAILABILITY FACTOR (1)	_____	_____	_____
11. PLANT AVAILABILITY FACTOR (2)	_____	_____	_____
12. PLANT CAPACITY FACTOR (3)	_____	_____	_____
13. FORCED OUTAGE RATE (4)	_____	_____	_____

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>11/11/73</u>	_____
INITIAL ELECTRICAL POWER GENERATION	_____	<u>12/5/73</u>	_____
COMMERCIAL OPERATION	<u>6/15/74</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 MAY 10, 1974

COMPLETED BY _____

REPORT MONTH APRIL, 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	720	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