

FROM: Duke Power Company Charlotte, N.C. 28201 Mr. A. C. Thies			DATE OF DOC 9-10-74	DATE REC'D 9-13-74	LTR X	TWX	RPT	OTHER
TO: AEC			ORIG 1 signed	CC	OTHER	SENT AEC PDR XXX SENT LOCAL PDR XXX		
CLASS	UNCLASS	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-269/270		
DESCRIPTION: Ltr trans the following...				ENCLOSURES: Monthly Report for August 1974 Plant & Component Operability & Availability This Report to be used in preparing Grey Book by Plans & Operations. No. of Cys Rec'd 1				
PLANT NAME: Oconee 1 & 2				ACKNOWLEDGED				

FOR ACTION/INFORMATION

9-13-74

JB

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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

P. O. Box 2178

September 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 and 3 for the month of August, 1974.

By copy of this letter, we are responding to Mr. Donald F. Knuth's letter dated August 28, 1974. Maximum dependable capacity (MDC) for Oconee Unit 1 is 871 MWe. Reserve shutdown hours (RSH) for the first half of 1974 is zero. Both MDC and RSH will be supplied in the monthly operating status report since this information is not included in the Semiannual Report. We will supply this information for Oconee Units 2 and 3 when they are placed in commercial operation.

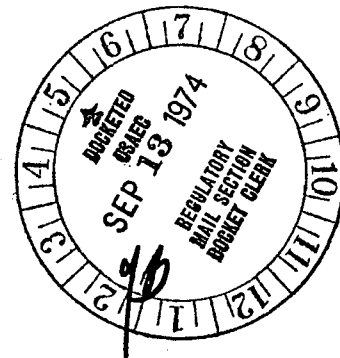
Very truly yours,

A handwritten signature in cursive script that reads "A. C. Thies".

A. C. Thies

ACT:vr
Attachment

cc: Mr. Norman C. Moseley
Mr. Donald F. Knuth



9435

UNIT Oconee Unit 1

DATE September 10, 1974

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

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

GROSS HOURS IN REPORTING PERIOD: 744

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>729.9</u>	<u>4343.5</u>	<u>8697.4</u>
6. HOURS GENERATOR ON-LINE	<u>699.3</u>	<u>4204.7</u>	<u>7193.8</u>
7. GROSS THERMAL POWER GENERATED (MWH)	<u>1754559</u>	<u>9986068</u>	<u>15996949</u>
8. GROSS ELECTRICAL POWER GENERATED (MWH)	<u>602376</u>	<u>3478888</u>	<u>5567476</u>
9. NET ELECTRICAL POWER GENERATED (MWH)	<u>572768</u>	<u>3295590</u>	<u>5254668</u>
10. REACTOR AVAILABILITY FACTOR (1)	<u>98.1</u>	<u>74.5</u>	<u>88.0</u>
11. PLANT AVAILABILITY FACTOR (2)	<u>94.0</u>	<u>72.1</u>	<u>72.8</u>
12. PLANT CAPACITY FACTOR (3)	<u>88.4</u>	<u>64.9</u>	<u>61.0</u>
13. FORCED OUTAGE RATE (4)	<u>6.0</u>	<u>6.9</u>	<u>7.7</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 = $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}} * 100$

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

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

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

UNIT Oconee 1

DATE 9/5/74

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>20352</u>	22	<u>19985</u>
2	<u>20497</u>	23	<u>19909</u>
3	<u>20642</u>	24	<u>189</u>
4	<u>20556</u>	25	<u>13711</u>
5	<u>20566</u>	26	<u>5891</u>
6	<u>20257</u>	27	<u>7959</u>
7	<u>20539</u>	28	<u>18639</u>
8	<u>20281</u>	29	<u>19913</u>
9	<u>20419</u>	30	<u>19969</u>
10	<u>20284</u>	31	<u>19817</u>
11	<u>20269</u>		
12	<u>20329</u>		
13	<u>20176</u>		
14	<u>20303</u>		
15	<u>20376</u>		
16	<u>20331</u>		
17	<u>20117</u>		
18	<u>20110</u>		
19	<u>20086</u>		
20	<u>20155</u>		
21	<u>20141</u>		

SUMMARY:

UNIT NAME Oconee Unit 1
DATE August 10, 1974
COMPLETED BY _____

REPORT MONTH August, 1974

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
12	740823	F	19.8	B	C	
13	740826	F	24.9	A	C	

(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 2

DATE September 10, 1974

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

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

GROSS HOURS IN REPORTING PERIOD: 744

2. CURRENTLY AUTHORIZED POWER LEVEL MWe 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>11.0</u>	<u>1275.6</u>	<u>1933.0</u>
6. HOURS GENERATOR ON-LINE	<u>9.9</u>	<u>1138.4</u>	<u>1651.6</u>
7. GROSS THERMAL POWER GENERATED (MWH)	<u>10320</u>	<u>1876332</u>	<u>2479303</u>
8. GROSS ELECTRICAL POWER GENERATED (MWH)	<u>3312</u>	<u>645358</u>	<u>821668</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>11/11/73</u>	_____
INITIAL ELECTRICAL POWER GENERATION	_____	<u>12/5/73</u>	_____
COMMERCIAL OPERATION	<u>10/1/74</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 = $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{CURRENTLY LICENSED POWER LEVEL * GROSS HOURS IN REPORTING PERIOD}}$

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

UNIT Oconee Unit 3

DATE September 10, 1974

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

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

GROSS HOURS IN REPORTING PERIOD: 744

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>	<u> </u>	<u> </u>
6. HOURS GENERATOR ON-LINE	<u>N/A</u>	<u> </u>	<u> </u>
7. GROSS THERMAL POWER GENERATED (MWH)	<u>N/A</u>	<u> </u>	<u> </u>
8. GROSS ELECTRICAL POWER GENERATED (MWH)	<u>N/A</u>	<u> </u>	<u> </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>9/5/74</u>	<u> </u>	<u> </u>
INITIAL ELECTRICAL POWER GENERATION	<u>9/11/74</u>	<u> </u>	<u> </u>
COMMERCIAL OPERATION	<u>11/1/74</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 = $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON-LINE} + \text{FORCED OUTAGE HOURS}} * 100$