

UNIT Oconee Unit 1

DATE March 12, 1974

OPERATING STATUS

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

GROSS HOURS IN REPORTING PERIOD: 743

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>336.6</u>	<u>336.6</u>	<u>4690.5</u>
6. HOURS GENERATOR ON-LINE	<u>295.1</u>	<u>295.1</u>	<u>3284.2</u>
7. GROSS THERMAL POWER GENERATED (MWH)	<u>653807</u>	<u>653807</u>	<u>6664688</u>
8. GROSS ELECTRICAL POWER GENERATED (MWH)	<u>221952</u>	<u>221952</u>	<u>2310540</u>
9. NET ELECTRICAL POWER GENERATED (MWH)	<u>205649</u>	<u>205649</u>	<u>2164727</u>
10. REACTOR AVAILABILITY FACTOR (1)	<u>45.3</u>	<u>45.3</u>	<u>97.7</u>
11. PLANT AVAILABILITY FACTOR (2)	<u>39.7</u>	<u>39.7</u>	<u>68.4</u>
12. PLANT CAPACITY FACTOR (3)	<u>31.8</u>	<u>31.8</u>	<u>51.8</u>
13. FORCED OUTAGE RATE (4)	<u>10.8</u>	<u>10.8</u>	<u>9.1</u>

14. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (DATE, TYPE, DATE AND DURATION OF EACH): Two week shutdown for connections to high energy lines outside containment to commence April 24, 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 = $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$

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

(3) PLANT CAPACITY FACTOR = $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{CURRENTLY LICENSED POWER LEVEL} \times \text{GROSS HOURS IN REPORTING PERIOD}} \times 100$

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

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UNIT Oconee Unit 1DATE 3/12/74DAILY PLANT POWER OUTPUTMONTH January, 1974

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>-113</u>	22	<u>8820</u>
2	<u>-138</u>	23	<u>-825</u>
3	<u>-158</u>	24	<u>11393</u>
4	<u>-165</u>	25	<u>16979</u>
5	<u>-150</u>	26	<u>20556</u>
6	<u>-180</u>	27	<u>20289</u>
7	<u>-140</u>	28	<u>20865</u>
8	<u>-233</u>	29	<u>20473</u>
9	<u>-163</u>	30	<u>20650</u>
10	<u>-507</u>	31	<u>20697</u>
11	<u>-240</u>		
12	<u>-119</u>		
13	<u>-115</u>		
14	<u>-120</u>		
15	<u>-117</u>		
16	<u>-322</u>		
17	<u>-786</u>		
18	<u>4128</u>		
19	<u>12150</u>		
20	<u>16041</u>		
21	<u>17205</u>		

SUMMARY:

UNIT NAME Oconee Unit 1

DATE March 12, 1974

REPORT MONTH January, 1974

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
1	740101	S	412.5	B	A	Generator differential relay 87G failed causing turbine-generator/reactor trip.
2	740122	F	35.7	A	C	
<p>(1) REASON:</p> <p>A-EQUIPMENT FAILURE (EXPLAIN)</p> <p>B-MAINT. OR TEST</p> <p>C-REFUELING</p> <p>D-REGULATORY RESTRICTION</p> <p>E-OPERATOR TRAINING AND LICENSE EXAMINATION</p> <p>F-ADMINISTRATIVE</p> <p>G-OPERATIONAL ERROR (EXPLAIN)</p>						<p>(2) METHOD:</p> <p>A- MANUAL</p> <p>B- MANUAL SCRAM</p> <p>C- AUTOMATIC SCRAM</p>