

UNIT Oconee Unit 1

DATE March 12, 1974

OPERATING STATUS

1. REPORTING PERIOD: February 1 TO February 28, 1974

GROSS HOURS IN REPORTING PERIOD: 672

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>608.3</u>	<u>944.9</u>	<u>5298.8</u>
6. HOURS GENERATOR ON-LINE	<u>602.3</u>	<u>897.4</u>	<u>3886.4</u>
7. GROSS THERMAL POWER GENERATED (MWH)	<u>1448355</u>	<u>2102162</u>	<u>8113043</u>
8. GROSS ELECTRICAL POWER GENERATED (MWH)	<u>514700</u>	<u>736652</u>	<u>2825240</u>
9. NET ELECTRICAL POWER GENERATED (MWH)	<u>489702</u>	<u>695351</u>	<u>2654429</u>
10. REACTOR AVAILABILITY FACTOR (1)	<u>90.5</u>	<u>45.6</u>	<u>96.9</u>
11. PLANT AVAILABILITY FACTOR (2)	<u>89.6</u>	<u>63.4</u>	<u>70.7</u>
12. PLANT CAPACITY FACTOR (3)	<u>83.7</u>	<u>56.4</u>	<u>55.7</u>
13. FORCED OUTAGE RATE (4)	<u>10.4</u>	<u>10.5</u>	<u>9.3</u>

14. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH): Two week shutdown for modifications 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 =  $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}} * 100$

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

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UNIT Oconee Unit 1

DATE March 12, 1974

DAILY PLANT POWER OUTPUT

MONTH February, 1974

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>20734</u>	22	<u>20821</u>
2	<u>20543</u>	23	<u>20876</u>
3	<u>17403</u>	24	<u>20883</u>
4	<u>18227</u>	25	<u>17136</u>
5	<u>20391</u>	26	<u>20697</u>
6	<u>20665</u>	27	<u>20796</u>
7	<u>20955</u>	28	<u>20819</u>
8	<u>20844</u>	29	<u>          </u>
9	<u>20760</u>	30	<u>          </u>
10	<u>20612</u>	31	<u>          </u>
11	<u>12390</u>		
12	<u>-535</u>		
13	<u>-546</u>		
14	<u>777</u>		
15	<u>12655</u>		
16	<u>16999</u>		
17	<u>20955</u>		
18	<u>21028</u>		
19	<u>20976</u>		
20	<u>20945</u>		
21	<u>20896</u>		

SUMMARY:

UNIT NAME Oconee Unit 1  
 DATE March 12, 1974

REPORT MONTH February, 1974

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
3	740211	F	69.6	A	A	Two control rod drive stators failed, causing two control rods to drop into the core.

(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