

UNIT Oconee Unit 2

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 Mwt 2568 MWe-NET \_\_\_\_\_

3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): None

4. REASONS FOR RESTRICTIONS (IF ANY):  
Oconee Unit 2 is presently in power escalation testing and is not commercially operable. Items 10-13 are not applicable.

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>85.6</u>	<u>85.6</u>	<u>743.0</u>
6. HOURS GENERATOR ON-LINE	<u>64.0</u>	<u>64.0</u>	<u>577.2</u>
7. GROSS THERMAL POWER GENERATED (MWH)	<u>104099</u>	<u>104099</u>	<u>709271</u>
8. GROSS ELECTRICAL POWER GENERATED (MWH)	<u>33000</u>	<u>33000</u>	<u>209310</u>
9. NET ELECTRICAL POWER GENERATED (MWH)	<u>25964</u>	<u>25964</u>	<u>178251</u>
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>5/15/74</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 =  $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{CURRENTLY LICENSED POWER LEVEL} \times \text{GROSS HOURS IN REPORTING PERIOD}} \times 100$

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

8001230

667

DIARY:

UNIT NAME Oconee Unit 2  
DATE February 28, 1974REPORT 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	F	27	B	A	Repaired feedwater and condensate system valves
2	740104	F	410.7	A	C	Detected loose object in reactor vessel lower head following reactor trip; AEC approval to continue operation granted January 15, 1974
3	740122	F	198.3	A	B	Reactor coolant pump 2B2 seal failed

(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