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DESCRIPTION
NO LETTER TRANS THE FOLLOWING:

ENCLOSURE
MONTHLY REPORT FOR July 1976
PLANT & COMPONENT OPERABILITY &
AVAILABILITY. THIS REPORT TO BE USED IN
PREPARING GRAY BOOK BY PLANS & OPERATIONS.

ACKNOWLEDGED
DO NOT REMOVE

PLANT NAME: Oconee # 1

SAFETY

FOR ACTION/INFORMATION

ENVIRO

SAB 8-17-76

MPC
W/4 CYS FOR ACTION

INTERNAL DISTRIBUTION

REG-FILE
 NRC-PDR
 MCDONALD
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 BRANCH CHIEF(L) Schwencer
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EXTERNAL DISTRIBUTION

LPDR: Walhalla, S.C.
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CONTROL NUMBER

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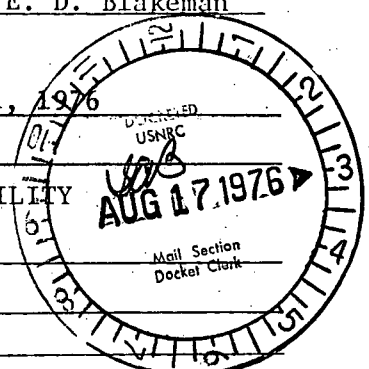


Regulatory

File Cy.

UNIT Oconee Unit 1
 DATE 8/10/76
 DOCKET NO. 50-269
 PREPARED BY E. D. Blakeman

OPERATING STATUS



1. REPORTING PERIOD: July 1 THROUGH July 31, 1976
 GROSS HOURS IN REPORTING PERIOD: 744.0
2. CURRENTLY AUTHORIZED POWER LEVEL (Mwt): 2568 NET CAPABILITY (MWe-Net): 871
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): (MWe-Net) -
4. REASONS FOR RESTRICTION (IF ANY) _____
5. NUMBER OF HOURS THE REACTOR WAS CRITICAL
6. REACTOR RESERVE SHUTDOWN HOURS
7. HOURS GENERATOR ON-LINE
8. UNIT RESERVE SHUTDOWN HOURS
9. GROSS THERMAL ENERGY GENERATED (MWH)
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)
11. NET ELECTRICAL ENERGY GENERATED (MWH)
12. REACTOR SERVICE FACTOR
13. REACTOR AVAILABILITY FACTOR
14. UNIT SERVICE FACTOR
15. UNIT AVAILABILITY FACTOR
16. UNIT CAPACITY FACTOR (Using Net Capability)
17. UNIT CAPACITY FACTOR (Using Design Mwe)
18. UNIT FORCED OUTAGE RATE
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE & DURATION OF EACH:)
20. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

	This Month	Year to Date	Cumulative
5. NUMBER OF HOURS THE REACTOR WAS CRITICAL	742.8	2801.8	19573.8
6. REACTOR RESERVE SHUTDOWN HOURS	-	-	-
7. HOURS GENERATOR ON-LINE	731.3	2565.2	17495.9
8. UNIT RESERVE SHUTDOWN HOURS	-	-	-
9. GROSS THERMAL ENERGY GENERATED (MWH)	1803855	6101221	40325363
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	638200	2142960	14037680
11. NET ELECTRICAL ENERGY GENERATED (MWH)	608656	2021413	13260062
12. REACTOR SERVICE FACTOR	99.8	54.8	73.3
13. REACTOR AVAILABILITY FACTOR	98.3	51.9	66.8
14. UNIT SERVICE FACTOR	98.3	50.2	65.6
15. UNIT AVAILABILITY FACTOR	98.3	50.2	65.7
16. UNIT CAPACITY FACTOR (Using Net Capability)	93.9	45.4	57.0
17. UNIT CAPACITY FACTOR (Using Design Mwe)	92.2	44.6	56.0
18. UNIT FORCED OUTAGE RATE	1.7	4.4	10.8

REACTOR SERVICE FACTOR = $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{HOURS IN REPORTING PERIOD}} \times 100$

REACTOR AVAILABILITY FACTOR = $\frac{\text{HOURS REACTOR WAS AVAILABLE TO OPERATE}}{\text{HOURS IN REPORTING PERIOD}} \times 100$

UNIT SERVICE FACTOR = $\frac{\text{HOURS GENERATOR ON LINE}}{\text{HOURS IN REPORTING PERIOD}} \times 100$

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UNIT AVAILABILITY FACTOR = $\frac{\text{HOURS UNIT WAS AVAILABLE TO GENERATE}}{\text{HOURS IN REPORTING PERIOD}} \times 100$

UNIT CAPACITY FACTOR = $\frac{\text{NET ELECTRICAL POWER GENERATED}}{[\text{Net Capability or Design (Mwe-Net)}] \times \text{HOURS IN REPORTING PERIOD}} \times 100$

UNIT FORCED OUTAGE RATE = $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS IN REPORTING PERIOD}} \times 100$

DOCKET NO. 50-269UNIT Oconee Unit 1DATE 8/10/76

AVERAGE DAILY UNIT POWER LEVEL

MONTH July, 1976

DAY	AVERAGE DAILY POWER LEVEL (MWe-net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-net)
1	<u>850</u>	17	<u>855</u>
2	<u>846</u>	18	<u>858</u>
3	<u>844</u>	19	<u>857</u>
4	<u>846</u>	20	<u>854</u>
5	<u>845</u>	21	<u>851</u>
6	<u>847</u>	22	<u>846</u>
7	<u>428</u>	23	<u>844</u>
8	<u>718</u>	24	<u>848</u>
9	<u>832</u>	25	<u>849</u>
10	<u>843</u>	26	<u>850</u>
11	<u>845</u>	27	<u>847</u>
12	<u>848</u>	28	<u>844</u>
13	<u>847</u>	29	<u>839</u>
14	<u>559</u>	30	<u>836</u>
15	<u>801</u>	31	<u>833</u>
16	<u>854</u>		

DAILY UNIT POWER LEVEL FORM INSTRUCTIONS

On this form, list the average daily unit power level in MWe-net for each day in the reporting month. Compute to the nearest whole megawatt.

These figures will be used to plot a graph for each reporting month. Note that by using maximum dependable capacity for the net electrical rating of the unit, there may be occasions when the daily average power level exceeds the 100% line (or the restricted power level line). In such cases, the average daily unit power output sheet should be footnoted to explain the apparent anomaly.

UNIT SHUTDOWNS

DOCKET NO. 50-269
 UNIT NAME Oconee Unit 1
 DATE 8/10/76

REPORT MONTH July, 1976

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	CORRECTIVE ACTIONS/COMMENTS
8	76-07-07	F	8.63	G	3	Steam header pressure transmitter valved out during testing
9	76-07-14	F	4.11	G	3	Reactor trip during ICS maintenance

- (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)
 H-OTHER (EXPLAIN)
- (2) METHOD
 1-MANUAL
 2-MANUAL
 SCRAM
 3-AUTOMATIC
 SCRAM

SUMMARY:

No major outages this month.