NRC FORM 195 (2-76)

U.S. NUCLEAR REGULATORY COMMISSION

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DOCKET NUMBER	50-287
FILE NUMBER	MONTHLY REPORT
TO:	USNRC
FROM:	Duke Power Co.
DATE OF DOCUMENT	8-10-76
DATE RECEIVED	8-17-76
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DESCRIPTION: NOLETTER TRANS THE FOLLOWING:

PLANT NAME: Oconee # 3

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

DO NOT REMOVE
ACKNOWLEDGED

SAFETY — FOR ACTION/INFORMATION — ENVIRO — SAB 8-17-76

- MIPC
- W/4 CYS FOR ACTION

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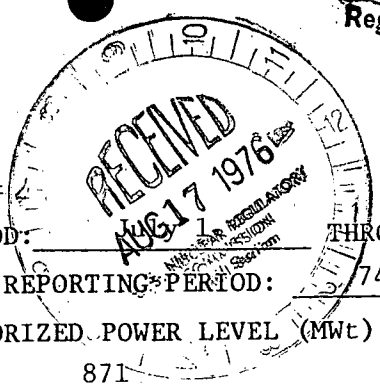
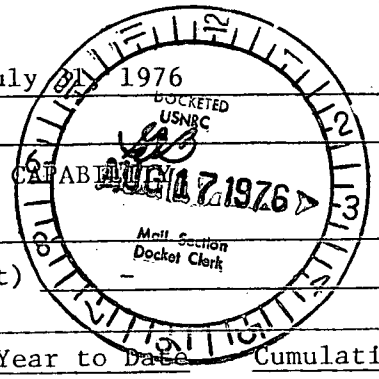
8402

NRC FORM 195 (2-76)

Regulatory

UNIT Oconee Unit 3
DATE 8/10/76
DOCKET NO. 50-287
PREPARED BY E. D. Blakeman





OPERATING STATUS

1. REPORTING PERIOD: July 1 THROUGH July 31, 1976
   GROSS HOURS IN REPORTING PERIOD: 744.00
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)

	This Month	Year to Date	Cumulative
5. NUMBER OF HOURS THE REACTOR WAS CRITICAL	338.5	3815.7	10960.0
6. REACTOR RESERVE SHUTDOWN HOURS	-	-	-
7. HOURS GENERATOR ON-LINE	314.7	3759.3	10708.0
8. UNIT RESERVE SHUTDOWN HOURS	-	-	-
9. GROSS THERMAL ENERGY GENERATED(MWH)	736304	8989232	24907282
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	252910	3100150	8545064
11. NET ELECTRICAL ENERGY GENERATED (MWH)	236682	2956538	8134972
12. REACTOR SERVICE FACTOR	45.5	74.7	76.9
13. REACTOR AVAILABILITY FACTOR	43.3	73.8	78.5
14. UNIT SERVICE FACTOR	42.3	73.6	75.1
15. UNIT AVAILABILITY FACTOR	42.3	73.6	75.1
16. UNIT CAPACITY FACTOR (Using Net Capability)	36.5	66.4	65.5
17. UNIT CAPACITY FACTOR (Using Design Mwe)	35.9	65.2	64.3
18. UNIT FORCED OUTAGE RATE	43.9	23.7	16.1

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE & DURATION OF EACH:)
    September 18 - Refueling - 5 Weeks
20. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

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 = $\frac{\text{FORCED OUTAGE HOURS}}{\quad} \times 100$

DOCKET NO. 50-287
UNIT Oconee Unit 3
DATE 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	732	17	851
2	-	18	851
3	-	19	849
4	-	20	849
5	-	21	667
6	-	22	-
7	-	23	-
8	-	24	-
9	94	25	-
10	634	26	-
11	615	27	-
12	550	28	-
13	775	29	-
14	824	30	-
15	829	31	47
16	836		

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.

DOCKET NO. 50-287
UNIT NAME Oconee Unit 3
DATE 8/10/76

UNIT SHUTDOWNS

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
6	76-07-01	F	3.10	H	3	Reactor trip due to spurious turbine trip
7	76-07-01	S	183.35	D	1	Inspection of Reactor Coolant System hydraulic suppressors
8	76-07-11	F	4.10	H	1	Investigation of generator ground
9	76-07-21	F	238.76	A	1	Repair steam generator tube leak

(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:

Unit experienced two major outages during the month.