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(TEMPORARY FORM)

CONTROL NO: 7464
FILE: MONTHLY REPORT FILE

FROM: Duke Power Co. Charlotte, N. C. William O. Parker, Jr.		DATE OF DOC 7-9-75	DATE REC'D 7-14-75	LTR XXXX	TWX	RPT	OTHER
TO: NRC		ORIG 1 Signed	CC	OTHER	SENT AEC PDR XXXXX		
					SENT LOCAL PDR XXXXX		
CLASS	UNCLASS XXXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: <u>50-269/270/287</u>		
DESCRIPTION: Ltr trans the following: PLANT NAME: Oconee 1,2,3				ENCLOSURES: Monthly Report for <u>June 1975</u> Plant & Component Operability & Availability This Report to be used in preparing Gray Book by Plans & Operations. NUMBER OF COPIES REC'D: <u>1</u>			

FOR ACTION/INFORMATION

VCR 7-14-75

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DUKE POWER COMPANY

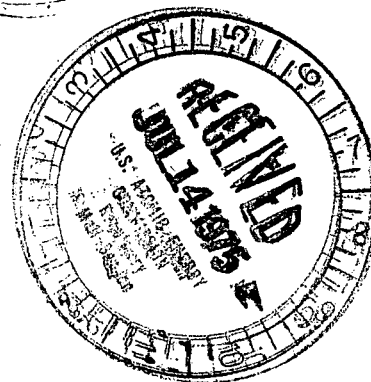
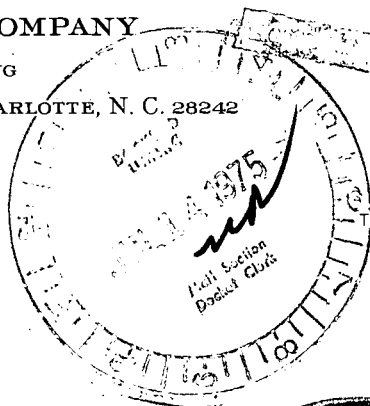
POWER BUILDING

422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28242

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

TELEPHONE: AREA 704
373-4083

July 9, 1975



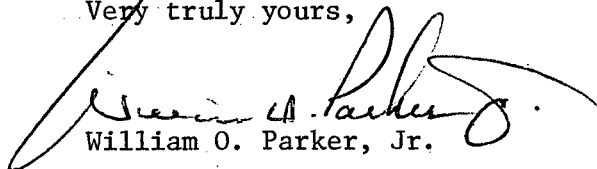
Director
Office of Management Information
and Program Control
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Re: Oconee Nuclear Station
Docket Nos. 50-269, -270, -287

Dear Sir:

Please find attached information concerning the performance and operating status of the Oconee Nuclear Station for the month of June, 1975.

Very truly yours,


William O. Parker, Jr.

MST:vr
Attachment

cc: Mr. Norman C. Moseley

7464

UNIT Oconee Unit 1
DATE 7/9/75
DOCKET NO. 50-269
PREPARED BY M. S. Tuckman

OPERATING STATUS

1. REPORTING PERIOD: June 1, 1975 THROUGH June 30, 1975
GROSS HOURS IN REPORTING PERIOD: 720.00
2. CURRENTLY AUTHORIZED POWER LEVEL (Mwt): 2568 NET CAPABILITY
(MWe-Net): 871
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): (MWe-Net) None
4. REASONS FOR RESTRICTION (IF ANY) _____
5. NUMBER OF HOURS THE REACTOR WAS CRITICAL

	<u>This Month</u>	<u>Year to Date</u>	<u>Cumulative</u>
6. REACTOR RESERVE SHUTDOWN HOURS	-	-	-
7. HOURS GENERATOR ON-LINE	<u>693.6</u>	<u>2536.8</u>	<u>10791.2</u>
8. UNIT RESERVE SHUTDOWN HOURS	-	-	-
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>1736812</u>	<u>5801035</u>	<u>24038545</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>606280</u>	<u>2041200</u>	<u>8359900</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>578396</u>	<u>1922597</u>	<u>7875616</u>
12. REACTOR SERVICE FACTOR	<u>99.1</u>	<u>63.1</u>	<u>73.1</u>
13. REACTOR AVAILABILITY FACTOR	<u>98.6</u>	<u>59.3</u>	<u>64.2</u>
14. UNIT SERVICE FACTOR	<u>96.3</u>	<u>58.4</u>	<u>62.9</u>
15. UNIT AVILABILITY FACTOR	<u>96.3</u>	<u>58.4</u>	<u>63.1</u>
16. UNIT CAPACITY FACTOR (Using Net Capability)	<u>92.2</u>	<u>50.8</u>	<u>52.7</u>
17. UNIT CAPACITY FACTOR (Using Design Mwe)	<u>90.6</u>	<u>49.9</u>	<u>51.7</u>
18. UNIT FORCED OUTAGE RATE	<u>3.7</u>	<u>41.1</u>	<u>21.3</u>
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE & DURATION OF EACH:)
20. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

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

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

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

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

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

$$\text{UNIT FORCED OUTAGE RATE} = \frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON LINE} + \text{FORCED OUTAGE HOURS}} \times 100$$

UNIT SHUTDOWNS

DOCKET NO. 50-269
 UNIT NAME Oconee Unit 1
 DATE 7/9/75

REPORT MONTH June, 1975

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	CORRECTIVE ACTIONS/COMMENTS
9	750608	F	16.5	A	3	Turbine tripped due to low turbine control oil pressure
10	750609	F	9.9	G	3	Unit tripped during restart due to high RC pressure while in manual control
						<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>H--OTHER (EXPLAIN)</p> <p>(2) METHOD</p> <p>1--MANUAL</p> <p>2--MANUAL SCRAM</p> <p>3--AUTOMATIC SCRAM</p>

SUMMARY: Unit operated base loaded during the month.

DOCKET NO. 50-269
UNIT Oconee Unit 1
DATE 7/9/75

AVERAGE DAILY UNIT POWER LEVEL

MONTH June, 1975

DAY	AVERAGE DAILY POWER LEVEL (MWe-net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-net)
1	<u>862</u>	17	<u>850</u>
2	<u>861</u>	18	<u>849</u>
3	<u>864</u>	19	<u>849</u>
4	<u>864</u>	20	<u>848</u>
5	<u>864</u>	21	<u>851</u>
6	<u>865</u>	22	<u>852</u>
7	<u>866</u>	23	<u>852</u>
8	<u>146</u>	24	<u>820</u>
9	<u>297</u>	25	<u>854</u>
10	<u>755</u>	26	<u>854</u>
11	<u>762</u>	27	<u>853</u>
12	<u>817</u>	28	<u>849</u>
13	<u>852</u>	29	<u>848</u>
14	<u>851</u>	30	<u>851</u>
15	<u>847</u>	31	<u> </u>
16	<u>849</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 Oconee Unit 2
 DATE 7/9/75
 DOCKET NO. 50-270
 PREPARED BY M. S. Tuckman

OPERATING STATUS

1. REPORTING PERIOD: June 1, 1975 THROUGH June 30, 1975
 GROSS HOURS IN REPORTING PERIOD: 720.00
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2568 NET CAPABILITY
 (MWe-Net): 871
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): (MWe-Net) None
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) 1606911
10. GROSS ELECTRICAL ENERGY GENERATED (MWH) 542710
11. NET ELECTRICAL ENERGY GENERATED (MWH) 518020
12. REACTOR SERVICE FACTOR 90.3
13. REACTOR AVAILABILITY FACTOR 90.1
14. UNIT SERVICE FACTOR 90.1
15. UNIT AVILABILITY FACTOR 90.1
16. UNIT CAPACITY FACTOR (Using Net Capability) 82.6
17. UNIT CAPACITY FACTOR (Using Design Mwe) 81.1
18. UNIT FORCED OUTAGE RATE 9.9
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE & DURATION OF EACH:)
20. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

	<u>This Month</u>	<u>Year to Date</u>	<u>Cumulative</u>
5. NUMBER OF HOURS THE REACTOR WAS CRITICAL	<u>650.0</u>	<u>3037.5</u>	<u>4983.6</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>-</u>	<u>-</u>	<u>-</u>
7. HOURS GENERATOR ON-LINE	<u>648.9</u>	<u>2938.3</u>	<u>4813.7</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>-</u>	<u>-</u>	<u>-</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>1606911</u>	<u>6922238</u>	<u>11229136</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>542710</u>	<u>2364300</u>	<u>3833276</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>518020</u>	<u>2243654</u>	<u>3631180</u>
12. REACTOR SERVICE FACTOR	<u>90.3</u>	<u>69.9</u>	<u>70.4</u>
13. REACTOR AVAILABILITY FACTOR	<u>90.1</u>	<u>67.9</u>	<u>68.3</u>
14. UNIT SERVICE FACTOR	<u>90.1</u>	<u>67.7</u>	<u>68.0</u>
15. UNIT AVILABILITY FACTOR	<u>90.1</u>	<u>67.7</u>	<u>68.0</u>
16. UNIT CAPACITY FACTOR (Using Net Capability)	<u>82.6</u>	<u>59.3</u>	<u>58.9</u>
17. UNIT CAPACITY FACTOR (Using Design Mwe)	<u>81.1</u>	<u>58.2</u>	<u>57.8</u>
18. UNIT FORCED OUTAGE RATE	<u>9.9</u>	<u>31.8</u>	<u>31.6</u>

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

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

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

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

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

$$\text{UNIT FORCED OUTAGE RATE} = \frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON LINE} + \text{FORCED OUTAGE HOURS}} \times 100$$

UNIT SHUTDOWNS

DOCKET NO. 50-270

UNIT NAME Oconee Unit 2

DATE 7/9/75

REPORT MONTH June, 1975

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	CORRECTIVE ACTIONS/COMMENTS
10	750628	F	71.2	A	1	<p>Unit shutdown to investigate low RC pump oil level and to perform surveillance tests.</p> <p>(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)</p> <p>(2) METHOD 1-MANUAL 2-MANUAL SCRAM 3-AUTOMATIC SCRAM</p>

SUMMARY: Unit remained base loaded until June 28, 1975 when shutdown to investigate low RC pump oil level.

DOCKET NO. 50-270
 UNIT Oconee Unit 2
 DATE 7/9/75

AVERAGE DAILY UNIT POWER LEVEL

MONTH June, 1975

DAY	AVERAGE DAILY POWER LEVEL (MWe-net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-net)
1	794	17	827
2	819	18	829
3	805	19	827
4	817	20	827
5	817	21	822
6	816	22	822
7	819	23	813
8	812	24	809
9	811	25	794
10	818	26	599
11	818	27	604
12	821	28	-
13	822	29	-
14	818	30	-
15	817	31	-
16	822		

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 Oconee Unit 3
 DATE 7/9/75
 DOCKET NO. 50-287
 PREPARED BY M. S. Tuckman

OPERATING STATUS

1. REPORTING PERIOD: June 1, 1975 THROUGH June 30, 1975
 GROSS HOURS IN REPORTING PERIOD: 720.00
2. CURRENTLY AUTHORIZED POWER LEVEL (Mwt): 2568 NET CAPABILITY
 (MWe-Net): 871
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): (MWe-Net) None
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 AVILABILITY 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:

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

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

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

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

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

$$\text{UNIT FORCED OUTAGE RATE} = \frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON LINE} + \text{FORCED OUTAGE HOURS}} \times 100$$

UNIT SHUTDOWNS

DOCKET NO. 50-287

UNIT NAME Oconee Unit 3

DATE 7/9/75

REPORT MONTH June, 1975

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	CORRECTIVE ACTIONS/COMMENTS
11	750613	S	303.8	B	1	Reactor coolant pump seal maintenance
12	750627	F	4.6	B	1	Shutdown to balance reactor coolant pump

- | | |
|--|--|
| <p>(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)</p> | <p>(2) METHOD
 1-MANUAL
 2-MANUAL
 SCRAM
 3-AUTOMATIC
 SCRAM</p> |
|--|--|

SUMMARY: The unit was shutdown for two weeks for reactor coolant pump seal replacement.

DOCKET NO. 50-287UNIT Oconee Unit 3DATE 7/9/75**AVERAGE DAILY UNIT POWER LEVEL**MONTH June, 1975

DAY	AVERAGE DAILY POWER LEVEL (MWe-net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-net)
1	808	17	-
2	840	18	-
3	827	19	-
4	842	20	-
5	840	21	-
6	842	22	-
7	842	23	-
8	828	24	-
9	843	25	-
10	841	26	198
11	840	27	346
12	841	28	639
13	454	29	811
14	-	30	831
15	-	31	
16	-		

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.