

OPERATING DATA REPORT

DOCKET NO. 50-269
 DATE 09-14-84
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: August 1, 1984 - August 31, 1984
3. Licensed Thermal Power (MWt): 2568
4. Nameplate Rating (Gross MWe): 934
5. Design Electrical Rating (Net MWe): 886
6. Maximum Dependable Capacity (Gross MWe): 899
7. Maximum Dependable Capacity (Net MWe): 860
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
None
-
9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: _____

Notes
 Year-to-date and cumulative capacity factors are calculated using a weighted average for maximum dependable capacity.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744.0</u>	<u>5 855.0</u>	<u>97 560.0</u>
12. Number Of Hours Reactor Was Critical	<u>744.0</u>	<u>5 830.1</u>	<u>70 370.7</u>
13. Reactor Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
14. Hours Generator On-Line	<u>744.0</u>	<u>5 822.1</u>	<u>67 211.4</u>
15. Unit Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 919 527</u>	<u>14 920 393</u>	<u>161 218 425</u>
17. Gross Electrical Energy Generated (MWH)	<u>660 700</u>	<u>5 218 490</u>	<u>56 086 720</u>
18. Net Electrical Energy Generated (MWH)	<u>629 976</u>	<u>4 990 648</u>	<u>53 156 199</u>
19. Unit Service Factor	<u>100.0</u>	<u>99.4</u>	<u>68.9</u>
20. Unit Availability Factor	<u>100.0</u>	<u>99.4</u>	<u>68.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>98.5</u>	<u>99.1</u>	<u>63.2</u>
22. Unit Capacity Factor (Using DER Net)	<u>95.6</u>	<u>96.2</u>	<u>61.5</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.6</u>	<u>16.3</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling - October 5, 1984 - 7 Weeks

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____

26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY	<u>---</u>	<u>---</u>
INITIAL ELECTRICITY	<u>---</u>	<u>---</u>
COMMERCIAL OPERATION	<u>---</u>	<u>---</u>

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-269
 UNIT Oconee 1
 DATE 09-14-84
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

MONTH AUGUST, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	852	17	847
2	852	18	848
3	851	19	847
4	850	20	847
5	850	21	847
6	850	22	846
7	849	23	846
8	849	24	846
9	849	25	846
10	838	26	845
11	834	27	845
12	849	28	845
13	848	29	845
14	847	30	844
15	847	31	844
16	848		

INSTRUCTIONS

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-269
 UNIT NAME Oconee 1
 DATE 09-14-84
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-7567

REPORT MONTH August 1984

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report #	Systems Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
13-p	84-08-10	S	--	B	--		CC	VALVEX	Control and Stop Valve PT's
14-p	84-08-11	S	--	F	--		ZZ	ZZZZZZ	Economic Dispatch Reduction

1
 F Forced
 S Scheduled

2
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

3
 Method:
 1-Manual
 2-Manual Scram
 3-Automatic Scram
 4-Other (Explain)

4
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

5
 Exhibit I - Same Source

DOCKET NO: 50-269

UNIT: Oconee 1

DATE: 09-14-84

NARRATIVE SUMMARY

Month: August, 1984

The unit ran at 100% power most of the month except for control and stop valve periodic tests and a dispatcher requested power reduction on August 10.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 1
2. Scheduled next refueling shutdown: October 1984
3. Scheduled restart following refueling: December 1984
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? Yes.
If yes, what will these be? Technical Specification Revision

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions? N/A

5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A
6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures). _____

7. Number of fuel assemblies (a) in the core: 177.
(b) in the spent fuel pool: 1032.
8. Present licensed fuel pool capacity: 1312.
Size of requested or planned increase: _____
9. Projected date of last refueling which can be accommodated by present licensed capacity: August 1991

DUKE POWER COMPANY Date: September 14, 1984

Name of Contact: J. A. Reavis Phone: 704-373-7567

*Represents the combined total for Units 1 and 2.

OPERATING DATA REPORT

DOCKET NO. 50-270
 DATE 09-14-84
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: Oconee 2
 2. Reporting Period: August 1, 1984 - August 31, 1984
 3. Licensed Thermal Power (MWt): 2568
 4. Nameplate Rating (Gross MWe): 934
 5. Design Electrical Rating (Net MWe): 886
 6. Maximum Dependable Capacity (Gross MWe): 899
 7. Maximum Dependable Capacity (Net MWe): 860
 8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
None

Notes
 Year-to-date and cumulative capacity factors are calculated using a weighted average for maximum dependable capacity.

9. Power Level To Which Restricted, If Any (Net MWe): None
 10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744.0</u>	<u>5 855.0</u>	<u>87 480.0</u>
12. Number Of Hours Reactor Was Critical	<u>744.0</u>	<u>5 855.0</u>	<u>63 168.5</u>
13. Reactor Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
14. Hours Generator On-Line	<u>744.0</u>	<u>5 855.0</u>	<u>62 015.2</u>
15. Unit Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 905 476</u>	<u>14 983 497</u>	<u>147 474 164</u>
17. Gross Electrical Energy Generated (MWH)	<u>644 650</u>	<u>5 157 330</u>	<u>50 262 186</u>
18. Net Electrical Energy Generated (MWH)	<u>616 022</u>	<u>4 944 195</u>	<u>47 755 764</u>
19. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>70.9</u>
20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>70.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>96.3</u>	<u>98.2</u>	<u>63.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>93.5</u>	<u>95.3</u>	<u>61.6</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>15.2</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling - February 28, 1985 - 9 Weeks

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____
 26. Units In Test Status (Prior to Commercial Operation):
- | | Forecast | Achieved |
|----------------------|--------------|--------------|
| INITIAL CRITICALITY | <u>_____</u> | <u>_____</u> |
| INITIAL ELECTRICITY | <u>_____</u> | <u>_____</u> |
| COMMERCIAL OPERATION | <u>_____</u> | <u>_____</u> |

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-270
 UNIT Oconee 2
 DATE 09-14-84
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

MONTH AUGUST, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	834	17	829
2	834	18	829
3	817	19	828
4	830	20	828
5	833	21	828
6	833	22	828
7	832	23	828
8	832	24	829
9	832	25	829
10	811	26	828
11	818	27	828
12	830	28	827
13	830	29	827
14	828	30	827
15	826	31	826
16	827		

INSTRUCTIONS

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-270
 UNIT NAME Oconee 2
 DATE 09-14-84
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-7567

REPORT MONTH August 1984

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report #	Systems Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
10-p	84-08-03	S	--	B	-		RB	CONROD	Control Rod Drive Movement PT's
11-p	84-08-10	S	--	B	-		CC	VALVEX	Stop and Control Valve Movement PT's
12-p	84-08-10	S	--	F	-		ZZ	ZZZZZZ	Economic Dispatch Reduction

1
 F Forced
 S Scheduled

2
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

3
 Method:
 1-Manual
 2-Manual Scram
 3-Automatic Scram
 4-Other (Explain)

4
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

5
 Exhibit I - Same Source

DOCKET NO: 50-270

UNIT: Oconee 2

DATE: 09-14-84

NARRATIVE SUMMARY

Month: August, 1984

The unit ran at 100% power most of the month with Control Rod Drive periodic tests on August 3rd, and the control and stop valve periodic test and a dispatch related reduction on August 10th.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 2
2. Scheduled next refueling shutdown: February 1985
3. Scheduled restart following refueling: April 1985
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? Yes.
If yes, what will these be? Technical Specification Revision

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions? N/A

5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A
6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures). _____

7. Number of fuel assemblies (a) in the core: 177.
(b) in the spent fuel pool: 1032.
8. Present licensed fuel pool capacity: 1312.
Size of requested or planned increase: _____.
9. Projected date of last refueling which can be accommodated by present licensed capacity: August 1991.

DUKE POWER COMPANY

Date: September 14, 1984

Name of Contact: J. A. Reavis

Phone: 704-373-7567

*Represents the combined total for Units 1 and 2.

OPERATING DATA REPORT

DOCKET NO. 50-287
 DATE 09-14-84
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

OPERATING STATUS

1. Unit Name: oconee 3
 2. Reporting Period: August 1, 1984 - August 31, 1984
 3. Licensed Thermal Power (MWt): 2568
 4. Nameplate Rating (Gross MWe): 934
 5. Design Electrical Rating (Net MWe): 886
 6. Maximum Dependable Capacity (Gross MWe): 899
 7. Maximum Dependable Capacity (Net MWe): 860
 8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report. Give Reasons:
None

Notes
 Year-to-date and cumulative capacity factors are calculated using a weighted average for maximum dependable capacity.

9. Power Level To Which Restricted, If Any (Net MWe): None
 10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744.0</u>	<u>5 855.0</u>	<u>85 127.0</u>
12. Number Of Hours Reactor Was Critical	<u>698.8</u>	<u>3 906.6</u>	<u>60 616.5</u>
13. Reactor Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
14. Hours Generator On-Line	<u>695.5</u>	<u>3 867.4</u>	<u>59 450.0</u>
15. Unit Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
16. Gross Thermal Energy Generated (MWH)	<u>1 776 953</u>	<u>9 636 403</u>	<u>145 128 967</u>
17. Gross Electrical Energy Generated (MWH)	<u>610 600</u>	<u>3 324 570</u>	<u>50 139 164</u>
18. Net Electrical Energy Generated (MWH)	<u>582 363</u>	<u>3 171 331</u>	<u>47 738 449</u>
19. Unit Service Factor	<u>93.5</u>	<u>66.1</u>	<u>69.8</u>
20. Unit Availability Factor	<u>93.5</u>	<u>66.1</u>	<u>69.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>91.0</u>	<u>63.0</u>	<u>65.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>88.4</u>	<u>61.1</u>	<u>63.3</u>
23. Unit Forced Outage Rate	<u>6.5</u>	<u>2.1</u>	<u>14.5</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
None

25. If Shut Down At End Of Report Period. Estimated Date of Startup: _____
 26. Units In Test Status (Prior to Commercial Operation):
- | | Forecast | Achieved |
|----------------------|---------------|---------------|
| INITIAL CRITICALITY | <u> </u> | <u> </u> |
| INITIAL ELECTRICITY | <u> </u> | <u> </u> |
| COMMERCIAL OPERATION | <u> </u> | <u> </u> |

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-287
 UNIT Oconee 3
 DATE 09-14-84
 COMPLETED BY J.A. Reavis
 TELEPHONE 704-373-7567

MONTH AUGUST, 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	847	17	845
2	846	18	847
3	845	19	846
4	845	20	846
5	845	21	846
6	845	22	846
7	848	23	844
8	847	24	842
9	847	25	841
10	845	26	841
11	818	27	842
12	846	28	842
13	846	29	842
14	387	30	842
15	---	31	842
16	283		

INSTRUCTIONS

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-287
 UNIT NAME Oconee 3
 DATE 09-14-84
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-7567

REPORT MONTH August 1984

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report #	Systems Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
12-p	84-08-11	S	--	B	-		CC	VALVEX	Turbine Valve Movement PT's
5	84-08-14	F	48.50	A	3		PA	VALVEX	Failed Air Supply Resulted in Low Suction Pressure on Main Feedwater Pump

1
 F Forced
 S Scheduled

2
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

3
 Method:
 1-Manual
 2-Manual Scram
 3-Automatic Scram
 4-Other (Explain)

4
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

5
 Exhibit I - Same Source

DOCKET NO: 50-287

UNIT: Oconee 3

DATE: 09-14-84

NARRATIVE SUMMARY

Month: August, 1984

The unit experienced a reduction for turbine valve periodic testing on August 11, and a unit trip due to a failed air supply to a powdex valve which in turn caused a Feedwater pump trip on low suction pressure on August 14.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 3
2. Scheduled next refueling shutdown: September 1985
3. Scheduled restart following refueling: November 1985
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? Yes.
If yes, what will these be? Technical Specification Revision

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions? N/A

5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A
6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures). _____

7. Number of fuel assemblies (a) in the core: 177.
(b) in the spent fuel pool: 158.
8. Present licensed fuel pool capacity: 825.
Size of requested or planned increase: _____
9. Projected date of last refueling which can be accommodated by present licensed capacity: August 1991

DUKE POWER COMPANY

Date: September 14, 1984

Name of Contact: J. A. Reavis

Phone: 704-373-7567

OCONEE NUCLEAR STATION

Monthly Operating Status Report

1. Personnel Exposure

For the month of July, no individual(s) exceeded 10 percent of their allowable annual radiation dose limit.

2. The total station liquid release for July has been compared with the Technical Specifications maximum annual dose commitment and was less than 10 percent of this limit.

The total station gaseous release for July has been compared with the Technical Specifications maximum annual dose commitment and was less than 10 percent of this limit.

DUKE POWER COMPANY

P.O. BOX 33189
CHARLOTTE, N.C. 28242

HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

TELEPHONE
(704) 373-4531

September 14, 1984

Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Document Control Desk

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 August, 1984.

Very truly yours,

Hal B. Tucker
Hal B. Tucker

JAR:scs

Attachments

cc: Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Mr. Phil Ross
U. S. Nuclear Regulatory Commission
MNBB-5715
Washington, D. C. 20555

Senior Resident Inspector
Oconee Nuclear Station

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