

OPERATING DATA REPORT

DOCKET NO. 50-269
 DATE 9/14/79
 COMPLETED BY J. A. Reavis
 TELEPHONE (704) 373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 1
2. Reporting Period: August, 1979
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>5,831.0</u>	<u>53,712.0</u>
12. Number Of Hours Reactor Was Critical	<u>529.5</u>	<u>4,779.2</u>	<u>39,006.9</u>
13. Reactor Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
14. Hours Generator On-Line	<u>522.0</u>	<u>4,738.6</u>	<u>36,463.2</u>
15. Unit Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,262,713</u>	<u>11,765,288</u>	<u>85,734,451</u>
17. Gross Electrical Energy Generated (MWH)	<u>434,070</u>	<u>4,081,420</u>	<u>29,722,600</u>
18. Net Electrical Energy Generated (MWH)	<u>409,654</u>	<u>3,879,960</u>	<u>28,111,282</u>
19. Unit Service Factor	<u>70.2</u>	<u>81.3</u>	<u>67.9</u>
20. Unit Availability Factor	<u>70.2</u>	<u>81.3</u>	<u>67.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>64.0</u>	<u>77.4</u>	<u>60.6</u>
22. Unit Capacity Factor (Using DER Net)	<u>62.2</u>	<u>75.1</u>	<u>59.1</u>
23. Unit Forced Outage Rate	<u>29.8</u>	<u>16.1</u>	<u>17.8</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Refueling - November 10 weeks

25. If Shut Down At End Of Report Period, Estimated Date of Startup: September 21, 1979

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

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

(9/77)

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August, 1979

DOCKET NO. 50-269
 UNIT NAME Oconee Unit 1
 DATE 9/14/79
 COMPLETED BY J. A. Reavis
 TELEPHONE (704) 373-8552

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
20	79-08-01	F	119.50	A	--		CB	HTEXCH	Tube leak in "B" steam generator.
21	79-08-06	F	4.87	A	3		CH	INSTRU	A pressure transmitter low pressure signal caused the trip of the feedwater pump resulting in a unit trip.
22	79-08-26	S	--	H	--		CH	HTEXCH	Power reduced to put B-1 and B-2 feedwater heaters in service.
23	79-08-27	F	97.67	A	1		CB	VALVEX	Excessive packing leakage on RCS instrument valves necessitated a shutdown for repair.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of 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

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-269
 UNIT Oconee Unit 1
 DATE 9/14/79
 COMPLETED BY J. A. Reavis
 TELEPHONE (704) 373-8552

MONTH August, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	--
2	--
3	--
4	--
5	--
6	184
7	604
8	819
9	836
10	834
11	834
12	830
13	835
14	837
15	832
16	835

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	829
18	830
19	826
20	829
21	830
22	820
23	819
24	819
25	858
26	737
27	717
28	--
29	--
30	--
31	--

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.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 1.
2. Scheduled next refueling shutdown: November, 1979.
3. Scheduled restart following refueling: January, 1980.
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
5. If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions? NA.
If no, when is review scheduled? NA.
6. Scheduled date(s) for submitting proposed licensing action and supporting information: August 6, 1979.
7. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures). None
8. Number of fuel assemblies (a) in the core: 177.
(b) in the spent fuel pool: 545 (Station total)
9. Present licensed fuel pool capacity: 336.
Size of requested or planned increase: 414 (approved 6/19/79).
10. Projected date of last refueling which can be accommodated by present licensed capacity: 3/3/80 assuming no transfer to McGuire.

DUKE POWER COMPANY

Date: September 14, 1979

Name of Contact: J. A. Reavis

DOCKET NO: 50-269
UNIT: Oconee Unit 1
DATE: 9/14/79

NARRATIVE SUMMARY

MONTH: August, 1979 -

The unit began August off line for tube leak repair in the "B" steam generator. At 2330 on August 4, the unit was back in service.

On August 6, the unit tripped due to a pressure transmitter problem on the feedwater pumps. It was back in service the same day.

Power was reduced on August 26 to put the B-1 and B-2 feedwater heaters in service.

The unit was shutdown on August 27 due to excessive leakage of valve packings on the RC system. It remained out through the month's end.

OPERATING DATA REPORT

DOCKET NO. 50-270
DATE 9/14/79
COMPLETED BY J. A. Reavis
TELEPHONE (704) 373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 2
2. Reporting Period: August, 1979
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	744.0	5,831.0	43,632.0
12. Number Of Hours Reactor Was Critical	744.0	5,246.6	31,245.1
13. Reactor Reserve Shutdown Hours	--	--	--
14. Hours Generator On-Line	744.0	5,202.0	30,443.3
15. Unit Reserve Shutdown Hours	--	--	--
16. Gross Thermal Energy Generated (MWH)	1,850,179	12,688,808	72,181,193
17. Gross Electrical Energy Generated (MWH)	629,920	4,296,190	24,539,736
18. Net Electrical Energy Generated (MWH)	601,340	4,088,960	23,284,430
19. Unit Service Factor	100.0	89.2	69.8
20. Unit Availability Factor	100.0	89.2	69.8
21. Unit Capacity Factor (Using MDC Net)	94.0	81.5	61.7
22. Unit Capacity Factor (Using DER Net)	91.2	79.2	60.2
23. Unit Forced Outage Rate	0.0	10.5	20.8
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Tie-in emergency feedwater to Hotwell - September 25 - 2 weeks.</u>			

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 | _____ | _____ |
| INITIAL ELECTRICITY | _____ | _____ |
| COMMERCIAL OPERATION | _____ | _____ |

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August, 1979

DOCKET NO. 50-270
 UNIT NAME Oconee Unit 2
 DATE 9/14/79
 COMPLETED BY J. A. Reavis
 TELEPHONE (704) 373-8552

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
32	79-08-22	F	--	A	--		CH	PUMPXX	2D1 feedwater heater drain pump maintenance.
33	79-08-24	F	--	A	--		HH	FILTER	Polishing demineralizer cells at maximum flow without bypassing.

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

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-270
 UNIT Oconee Unit 2
 DATE 9/14/79
 COMPLETED BY J. A. Reavis
 TELEPHONE (704) 373-8552

MONTH August, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>831</u>
2	<u>827</u>
3	<u>829</u>
4	<u>828</u>
5	<u>830</u>
6	<u>826</u>
7	<u>826</u>
8	<u>828</u>
9	<u>832</u>
10	<u>832</u>
11	<u>831</u>
12	<u>823</u>
13	<u>830</u>
14	<u>833</u>
15	<u>833</u>
16	<u>829</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>833</u>
18	<u>834</u>
19	<u>828</u>
20	<u>828</u>
21	<u>827</u>
22	<u>681</u>
23	<u>643</u>
24	<u>648</u>
25	<u>702</u>
26	<u>819</u>
27	<u>833</u>
28	<u>827</u>
29	<u>830</u>
30	<u>829</u>
31	<u>826</u>

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.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 2
2. Scheduled next refueling shutdown: January, 1980
3. Scheduled restart following refueling: March, 1980
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
5. If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions? NA.
If no, when is review scheduled? NA
6. Scheduled date(s) for submitting proposed licensing action and supporting information: September 6, 1979
7. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures). None
8. Number of fuel assemblies (a) in the core: 177
(b) in the spent fuel pool: 545 (station total)
9. Present licensed fuel pool capacity: 336
Size of requested or planned increase: 414 (approved 6/19/79)
10. Projected date of last refueling which can be accommodated by present licensed capacity: 3/3/80 assuming no transfer to McGuire

DUKE POWER COMPANY

Date: September 14, 1979

Name of Contact: J. A. Reavis

DOCKET NO: 50-270
UNIT: Oconee Unit 2
DATE: 9/14/79

NARRATIVE SUMMARY

MONTH: August, 1979-

Oconee 2 ran the complete month of August. A reduction was made on August 22 for heater drain pump maintenance and was extended due to polishing demineralizer problems. The reduction of near 20% power lasted for approximately three days. Near rated power was achieved the remainder of the time.

OPERATING DATA REPORT

DOCKET NO. 50-287
DATE 9/14/79
COMPLETED BY J. A. Reavis
TELEPHONE (704) 373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 3
2. Reporting Period: August, 1979
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	744.0	5,831.0	41,279.0
12. Number Of Hours Reactor Was Critical	0.0	2,738.0	30,504.9
13. Reactor Reserve Shutdown Hours	--	--	--
14. Hours Generator On-Line	0.0	2,726.8	29,748.5
15. Unit Reserve Shutdown Hours	--	--	--
16. Gross Thermal Energy Generated (MWH)	0	6,768,005	71,291,043
17. Gross Electrical Energy Generated (MWH)	0	2,374,180	24,686,674
18. Net Electrical Energy Generated (MWH)	(3,042)	2,258,384	23,495,411
19. Unit Service Factor	0.0	46.8	72.1
20. Unit Availability Factor	0.0	46.8	72.1
21. Unit Capacity Factor (Using MDC Net)	0.0	45.0	65.8
22. Unit Capacity Factor (Using DER Net)	0.0	43.7	64.2
23. Unit Forced Outage Rate	100.0	39.2	15.4
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: September 25, 1979
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August, 1979

DOCKET NO. 50-287

UNIT NAME Oconee Unit 3

DATE 9/14/79

COMPLETED BY J. A. Reavis

TELEPHONE (704) 373-8552

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
15	79-08-01	F	744.00	D	--		ZZ	ZZZZZZ	IE Bulletin 79-02 and 79-14 inspection and modifications to pipe hangers and supports is still in progress.

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

(9/17)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-287
 UNIT Oconee Unit 3
 DATE 9/14/79
 COMPLETED BY J. A. Reavis
 TELEPHONE (704) 373-8552

MONTH August, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	---
2	---
3	---
4	---
5	---
6	---
7	---
8	---
9	---
10	---
11	---
12	---
13	---
14	---
15	---
16	---

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	---
18	---
19	---
20	---
21	---
22	---
23	---
24	---
25	---
26	---
27	---
28	---
29	---
30	---
31	---

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.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 3.
2. Scheduled next refueling shutdown: Unknown.
3. Scheduled restart following refueling: Unknown.
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? NA.
If no, when is review scheduled? NA.
5. Scheduled date(s) for submitting proposed licensing action and supporting information: NA.
6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures). None
7. Number of fuel assemblies (a) in the core: 177.
(b) in the spent fuel pool: 545 (station total)
8. Present licensed fuel pool capacity: 336.
Size of requested or planned increase: No increase planned.
9. Projected date of last refueling which can be accommodated by present licensed capacity: 3/3/80 assuming no transfer to McGuire.

DUKE POWER COMPANY

Date: September 14, 1979

Name of Contact: J. A. Reavis

DOCKET NO: 50-287
UNIT: Oconee Unit 3
DATE: 9/14/79

NARRATIVE SUMMARY

MONTH: August, 1979-

Oconee 3 began the month of August at 0% power. Refueling has been completed, but IE Bulletin 79-02 and 79-14 inspection and modification is still in progress. Unit remained at 0% power for the entire month.

OCONEE NUCLEAR STATION
Operating Status Report

1. Personnel Exposure

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

2. Radioactive Waste Releases

The total station liquid release for July has been compared with the Technical Specifications annual value of 15 curies; the total release for July was less than 10 percent of this limit.

The total station gaseous release for July has been compared with the derived Technical Specifications annual value of 51,000 curies; the total release for July was 4.4 percent of this limit.