

OPERATING DATA REPORT

DOCKET NO. 50-269
 DATE 08-15-79
 COMPLETED BY J. A. Reavis
 TELEPHONE (704) 373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 1
2. Reporting Period: July, 1979
3. Licensed Thermal Power (MWt): 2 568
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>5,087.0</u>	<u>52,968.0</u>
12. Number Of Hours Reactor Was Critical	<u>63.2</u>	<u>4,249.7</u>	<u>38,477.4</u>
13. Reactor Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
14. Hours Generator On-Line	<u>60.2</u>	<u>4,216.6</u>	<u>35,941.3</u>
15. Unit Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
16. Gross Thermal Energy Generated (MWH)	<u>53,189</u>	<u>10,502,575</u>	<u>84,471,738</u>
17. Gross Electrical Energy Generated (MWH)	<u>17,000</u>	<u>3,647,350</u>	<u>29,288,530</u>
18. Net Electrical Energy Generated (MWH)	<u>7,543</u>	<u>3,470,306</u>	<u>27,701,628</u>
19. Unit Service Factor	<u>8.1</u>	<u>82.9</u>	<u>67.9</u>
20. Unit Availability Factor	<u>8.1</u>	<u>82.9</u>	<u>67.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>1.2</u>	<u>79.3</u>	<u>60.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>1.1</u>	<u>77.0</u>	<u>59.0</u>
23. Unit Forced Outage Rate	<u>90.8</u>	<u>14.0</u>	<u>17.6</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling October, 1979 - 11 Weeks

25. If Shut Down At End Of Report Period, Estimated Date of Startup: August 6, 1979

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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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-269
 UNIT NAME Oconee Unit I
 DATE 08-15-79
 COMPLETED BY J. A. Reavis
 TELEPHONE (704) 373-8552

REPORT MONTH July, 1979

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	79-07-01	S	87.25	D	--		ZZ	ZZZZZZ	NRC required modifications.
16	79-07-04	F	354.75	A	--		SF	HTEXCH	Low pressure injection cooler tube leak.
17	79-07-19	F	1.17	A	--		HI	VALVEX	Penetration room humidity level high due to operation of relief valve FDW-295.
18	79-07-19	F	27.90	D	--		ZZ	ZZZZZZ	Water chemistry out of spec in steam generators.
19	79-07-20	F	23.80	B	3		CH	INSTRU	Reactor Tripped on high RC pressure while performing RCS leak test.
20	79-07-24	F	188.98	A	1		CB	HTEXCH	Tube leak in "B" steam generator.

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

⁵
 Exhibit I - Same Source

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-269
 UNIT Oconee Unit 1
 DATE 08-15-79
 COMPLETED BY J. A. Reavis
 TELEPHONE (704) 373-8552

MONTH July, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	---	17	---
2	---	18	---
3	---	19	---
4	---	20	---
5	---	21	42
6	---	22	277
7	---	23	275
8	---	24	---
9	---	25	---
10	---	26	---
11	---	27	---
12	---	28	---
13	---	29	---
14	---	30	---
15	---	31	---
16	---		

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: October, 1979
3. Scheduled restart following refueling: December, 1979
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: August 6, 1979
 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: 414 (approved 6/19/79)
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: August 15, 1979

Name of Contact: J. A. Reavis

DOCKET NO: 50-269
UNIT: Oconee Unit 1
DATE: 08-15-79

NARRATIVE SUMMARY

MONTH: July, 1979

Oconee 1 began July in an outage with revisions required by NRC being made to the emergency feedwater system.

A leak in the "A" low pressure injection cooler prevented startup until July 18. Further delay was caused by the high humidity in the penetration room from valve FDW-295 operating during the feed and bleed of the steam generators during heat-up.

High silica concentration in the steam generators was a delaying factor also until late on the 19th when limits were permissible for increasing RCS temperature above 300°.

The reactor tripped during startup on July 20 due to high RC pressure while performing a RCS leak test.

On July 21, at 1452 the unit was on line. Power was increased to 50%. Further increase was prevented due to a leak in the B steam generator. The unit was shutdown on July 24 at 0301 for the tube leak repair and continued out the remainder of the month.

OPERATING DATA REPORT

DOCKET NO. 50-270
 DATE 08-15-79
 COMPLETED BY J. A. Reavis
 TELEPHONE (704) 373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 2
2. Reporting Period: July, 1979
3. Licensed Thermal Power (MWt): 2 568
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>5,087.0</u>	<u>42,888.0</u>
12. Number Of Hours Reactor Was Critical	<u>743.7</u>	<u>4,502.6</u>	<u>30,501.1</u>
13. Reactor Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
14. Hours Generator On-Line	<u>734.4</u>	<u>4,458.0</u>	<u>29,699.3</u>
15. Unit Reserve Shutdown Hours	<u>--</u>	<u>--</u>	<u>--</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,784,915</u>	<u>10,838,629</u>	<u>70,331,014</u>
17. Gross Electrical Energy Generated (MWH)	<u>601,540</u>	<u>3,666,270</u>	<u>23,909,816</u>
18. Net Electrical Energy Generated (MWH)	<u>573,858</u>	<u>3,487,620</u>	<u>22,683,090</u>
19. Unit Service Factor	<u>98.7</u>	<u>87.6</u>	<u>69.3</u>
20. Unit Availability Factor	<u>98.7</u>	<u>87.6</u>	<u>69.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>89.7</u>	<u>79.7</u>	<u>61.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>87.1</u>	<u>77.4</u>	<u>59.7</u>
23. Unit Forced Outage Rate	<u>1.3</u>	<u>12.1</u>	<u>21.2</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Tie-in emergency feedwater line to Hotwell-August 24, 1979 - 1 Week

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

	Forecast	Achieved
26. Units In Test Status (Prior to Commercial Operation):		
INITIAL CRITICALITY	<u> </u>	<u> </u>
INITIAL ELECTRICITY	<u> </u>	<u> </u>
COMMERCIAL OPERATION	<u> </u>	<u> </u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-270
 UNIT NAME Oconee Unit 2
 DATE 08-15-79
 COMPLETED BY L. A. Reavis
 TELEPHONE (704) 373-8552

REPORT MONTH July, 1979

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
25	79-07-01	F	--	A	--		HC	HTEXCH	Power reduced to check for condenser tube leak.
26	79-07-06	F	--	A	--		HH	PUMPXX	2E1 heater drain pump out of service.
27	79-07-10	F	--	A	--		RC	INSTRU	A blown fuse on CR Group 3 caused a control runback.
28	79-07-10	F	--	D	--		RC	FUELXX	Xenon hold.
29	79-07-18	F	9.58	A	3		HA	INSTRU	Unit tripped by relay operation after a line fault due to lightning.
30	79-07-20	F	--	A	--		CH	PUMPXX	2B FWP suction straining flange leak.
31	79-07-21	F	--	D	--		RC	FUELXX	Xenon hold.

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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-270
 UNIT Oconee Unit 2
 DATE 08-15-79
 COMPLETED BY J. A. Reavis
 TELEPHONE (704) 373-8552

MONTH July, 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	717	17	822
2	714	18	660
3	717	19	302
4	719	20	701
5	737	21	755
6	778	22	807
7	803	23	808
8	817	24	807
9	824	25	819
10	680	26	827
11	826	27	830
12	826	28	831
13	819	29	834
14	821	30	829
15	830	31	829
16	822		

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

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: September 6, 1979
 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: 414 (approved 6/19/79)

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: August 15, 1979

Name of Contact: J. A. Reavis

DOCKET NO: 50-270
UNIT: Oconee Unit 2
DATE: 08-15-79

NARRATIVE SUMMARY

MONTH: July, 1979

The month began with the unit at 90% power to check for a possible condenser tube leak. Power increase was started on July 5 and near rated power reached on July 8. 2E1 heater drain pump being out of service was responsible for the slow increase.

On July 10, a blown fuse on CR Group 3 caused a control runback. The fuse was replaced and after a normal xenon hold at 90% power, near rated power was reached on July 11.

A unit trip occurred on July 18 from relay operation after lightening caused a undervoltage condition. The unit was returned to service on July 19. Power was held at 58% during repair to the 2"B" FDWP suction strainer flange. Full power was reached on July 25. A xenon hold and water chemistry prevented a more rapid increase in power.

OPERATING DATA REPORT

DOCKET NO. 50-287
 DATE 08-15-79
 COMPLETED BY J. A. Reavis
 TELEPHONE (704) 373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 3
2. Reporting Period: July, 1979
3. Licensed Thermal Power (MWt): 2 568
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	5,087.0	40,535.0
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)	(3,196)	2,261,426	23,498,453
19. Unit Service Factor	0.0	53.6	73.4
20. Unit Availability Factor	0.0	53.6	73.4
21. Unit Capacity Factor (Using MDC Net)	0.0	51.7	67.0
22. Unit Capacity Factor (Using DER Net)	0.0	50.2	65.4
23. Unit Forced Outage Rate	100.0	27.2	13.6

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: September 18, 1979

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

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-287
 UNIT NAME Oconee Unit 3
 DATE 08-15-79
 COMPLETED BY J. A. Reavis
 TELEPHONE (704) 373-8552

REPORT MONTH July, 1979

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	79-07-01	F	744.00	D	--		ZZ	ZZZZZZ	Refueling has been completed. IE Bulletin 79-02 and IE Bulletin 79-14 inspection and modifications 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)

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

⁵
 Exhibit I - Same Source

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-287

UNIT Oconee Unit 3

DATE 08-15-79

COMPLETED BY J. A. Reavis

TELEPHONE (704) 373-8552

MONTH July, 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: August 15, 1979

Name of Contact: J. A. Reavis

DOCKET NO: 50-287
UNIT: Oconee Unit 3
DATE: 08-15-79

NARRATIVE SUMMARY

MONTH: July, 1979

Refueling of Oconee 3 has been completed.

The IE Bulletin 79-02 work continues and IE Bulletin 79-14 surveillance inspection is in progress.

OCONEE NUCLEAR STATION
OPERATING STATUS REPORT

1. Personnel Exposure -

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

2. Radioactive Waste Releases

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

The total station gaseous release for June has been compared with the derived Technical Specifications annual value of 51,000 curies; the total release for June was 15.5 percent of this limit.