

OPERATING DATA REPORT

DOCKET NO 50-269

DATE November 15, 1993

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: October 1, 1993-October 31, 1993
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): 886
7. Maximum Dependable Capacity (Net MWe): 846
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report. Give Reasons: _____

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): _____
10. Reason For Restrictions, If any: _____

This Month Yr.-to-Date Cumulative

11. Hours In Reporting Period	745.0	7296.0	177913.0
12. Number Of Hours Reactor Was Critical	745.0	6488.2	137282.9
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	745.0	6398.4	134605.2
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1866216	16267128	330014758
17. Gross Electrical Energy Generated (MWH)	635422	5591817	114131462
18. Net Electrical Energy Generated (MWH)	606942	5337252	108424685
19. Unit Service Factor	100.0	87.7	75.7
20. Unit Availability Factor	100.0	87.7	75.7
21. Unit Capacity Factor (Using MDC Net)	96.3	86.5	71.1
22. Unit Capacity Factor (Using DER Net)	92.0	82.6	68.7
23. Unit Forced Outage Rate	0.0	2.2	10.5

24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling - April 28, 1994 - 55 days

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

NRC Calculated from Generator Nameplate Data:
1 037 937 KVA x 0.90 Pf=934 MW

9311190006 931115
PDR ADOCK 05000269
R PDR

OPERATING DATA REPORT

DOCKET NO 50-269
 UNIT Oconee 1
 DATE November 15, 1993
 COMPLETED BY R.A. Williams
 TELEPHONE 704-382-5346

MONTH October, 1993

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>836</u>
2	<u>836</u>
3	<u>836</u>
4	<u>835</u>
5	<u>835</u>
6	<u>836</u>
7	<u>836</u>
8	<u>836</u>
9	<u>837</u>
10	<u>837</u>
11	<u>837</u>
12	<u>836</u>
13	<u>837</u>
14	<u>838</u>
15	<u>838</u>
16	<u>839</u>

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
17	<u>839</u>
18	<u>839</u>
19	<u>839</u>
20	<u>839</u>
21	<u>839</u>
22	<u>840</u>
23	<u>843</u>
24	<u>827</u>
25	<u>830</u>
26	<u>835</u>
27	<u>838</u>
28	<u>839</u>
29	<u>839</u>
30	<u>760</u>
31	<u>729</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October 1993

DOCKET NO. 50-269
 UNIT NAME OCONEE 1
 DATE 11/15/93
 COMPLETED BY N. C. SIMMONS
 TELEPHONE (704)-382-5263

N O .	DATE	(1) T Y P E	DURATION HOURS	(2) R E A S O N	(3) M E T H O D O F S H U T D O W N R/X	LICENSE EVENT REPORT NO.	(4) S Y S - T E M C O D E	(5) C O M P O N E N T C O D E	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
14-P	93-10-23	F	--	A	--		HJ	HTEXCH	REPAIR HEATER DRAIN LINE LEAK
15-P	93-10-23	F	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION
16-P	93-10-23	F	--	H	--		HD	HTEXCH	VALVE IN HEATER EXTRACTIONS

(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-Operator 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: 50-269

UNIT: Oconee 1

Date: 11/15/93

NARRATIVE SUMMARY

MONTH: October 1993

Oconee Unit 1 began the month of October operating at 100% full power. The unit operated at or near 100% full power until 10/23 at 0126 when the unit started a power decrease to 24% power. The unit held at 24% power from 0456 to 1600 for repair of a heater drain line leak. During power escalation, the unit held at 31% from 1645 to 1659 for nuclear instrumentation calibrations. The unit held at 33% from 1742 to 1818 to valve in the heater extraction. The unit was returned to 100% full power on 10/24 at 0332. The unit operated at or near 100% full power for the remainder of the month.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 1
2. Scheduled next refueling shutdown: April 1994
3. Scheduled restart following refueling: June 1994

THE PROJECT MANAGER HAS BEEN ADVISED BY SEPARATE COMMUNICATION OF ANY T.S. CHANGE OR LICENSE AMENDMENT. THEREFORE, QUESTIONS 4 THROUGH 6 WILL NO LONGER BE MAINTAINED IN THIS REPORT.

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

If yes, what will these be?

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

5. Scheduled date(s) for submitting proposed licensing action and supporting information.
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: 1022*
(c) in the ISFSI: 528****
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: February 2013***

DUKE POWER COMPANY

DATE: November 15, 1993

Name of Contact: N. C. Simmons

Phone: 704-382-5263

* Represents the combined total for Units 1 and 2

** On January 29, 1990, received a license for ISFSI which will store 2112 assemblies

*** This date is based on 88 Dry Storage Modules. We currently have 60 modules (1440 spaces). Additional modules will be built on an as needed basis.

**** Represents the combined total for Units 1,2 and 3

OPERATING DATA REPORT

DOCKET NO 50-270

DATE November 15, 1993

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: October 1, 1993-October 31, 1993
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): 886
7. Maximum Dependable Capacity (Net MWe): 846
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report. Give Reasons: _____

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): _____

10. Reason For Restrictions, If any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	745.0	7296.0	167833.0
12. Number Of Hours Reactor Was Critical	725.2	5958.4	132532.7
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	721.0	5889.8	130672.8
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1830480	15047496	317655806
17. Gross Electrical Energy Generated (MWH)	629412	5213801	108566345
18. Net Electrical Energy Generated (MWH)	600337	4977323	103363277
19. Unit Service Factor	96.8	80.7	77.9
20. Unit Availability Factor	96.8	80.7	77.9
21. Unit Capacity Factor (Using MDC Net)	95.3	80.6	71.9
22. Unit Capacity Factor (Using DER Net)	91.0	77.0	69.5
23. Unit Forced Outage Rate	3.2	0.8	8.9

24. Shutdown 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

INITIAL ELECTRICITY

COMMERCIAL OPERATION

NRC Calculated from Generator Nameplate Data:

1 037 937 KVA x 0.90 Pf=934 MW

OPERATING DATA REPORT

DOCKET NO 50-270
 UNIT Oconee 2
 DATE November 15, 1993
 COMPLETED BY R.A. Williams
 TELEPHONE 704-382-5346

MONTH October, 1993

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>841</u>
2	<u>840</u>
3	<u>841</u>
4	<u>841</u>
5	<u>841</u>
6	<u>843</u>
7	<u>843</u>
8	<u>843</u>
9	<u>843</u>
10	<u>844</u>
11	<u>844</u>
12	<u>841</u>
13	<u>840</u>
14	<u>841</u>
15	<u>846</u>
16	<u>847</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>847</u>
18	<u>847</u>
19	<u>848</u>
20	<u>849</u>
21	<u>848</u>
22	<u>848</u>
23	<u>848</u>
24	<u>205</u>
25	<u>302</u>
26	<u>825</u>
27	<u>834</u>
28	<u>854</u>
29	<u>853</u>
30	<u>854</u>
31	<u>837</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October 1993

DOCKET NO. 50-270
 UNIT NAME OCONEE 2
 DATE 11/15/93
 COMPLETED BY N. C. SIMMONS
 TELEPHONE (704)-382-5263

NO.	DATE	(1) TYPE	DURATION HOURS	(2) REASON	(3) METHOD OF SHUT DOWN R/X	LICENSE EVENT REPORT NO.	(4) SYS- TEM CODE	(5) COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
7	93-10-24	F	24.05	A	3		IA	INSTRU	REACTOR TRIP DUE TO FLUX FLOW IMBALANCE

(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-Operator 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: 50-270

UNIT: Oconee 2

Date: 11/15/93

NARRATIVE SUMMARY

MONTH: October 1993

Oconee Unit 2 began the month of October operating at 100% full power. The unit operated at or near 100% full power until 10/24 at 0634 when the unit experienced an automatic reactor trip due to a flux/flow/imbalance trip. The unit was placed on-line on 10/25 at 0636 and was returned to 100% full power on 10/27 at 1938. The unit operated at or near 100% for the remainder of the month.

Prepared by N. C. Simmons
Telephone: 704-382-5263

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 2
2. Scheduled next refueling shutdown: September 1994
3. Scheduled restart following refueling: November 1994

THE PROJECT MANAGER HAS BEEN ADVISED BY SEPARATE COMMUNICATION OF ANY T.S. CHANGE OR LICENSE AMENDMENT. THEREFORE, QUESTIONS 4 THROUGH 6 WILL NO LONGER BE MAINTAINED IN THIS REPORT.

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

If yes, what will these be?

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

5. Scheduled date(s) for submitting proposed licensing action and supporting information.
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: 1022*
(c) in the ISFSI: See Unit 1****
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: October 2013***

DUKE POWER COMPANY

DATE: November 15, 1993

Name of Contact: N. C. Simmons

Phone: 704-382-5263

* Represents the combined total for Units 1 and 2

** See footnote on Unit 1

*** This date is based on 88 Dry Storage Modules. We currently have 60 modules (1440 spaces). Additional modules will be built on an as needed basis.

**** See footnote on Unit 1

OPERATING DATA REPORT

OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: October 1, 1993-October 31, 1993
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): 886
7. Maximum Dependable Capacity (Net MWe): 846
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report. Give Reasons: _____

DOCKET NO 50-287

DATE November 15, 1993

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

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): _____

10. Reason For Restrictions, If any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	745.0	7296.0	165480.0
12. Number Of Hours Reactor Was Critical	745.0	7282.3	127817.9
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	745.0	7278.6	126085.0
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MMWh)	1899504	18665880	312881529
17. Gross Electrical Energy Generated (MMWh)	661172	6518147	107918005
18. Net Electrical Energy Generated (MMWh)	632172	6245399	102929410
19. Unit Service Factor	100.0	99.8	76.2
20. Unit Availability Factor	100.0	99.8	76.2
21. Unit Capacity Factor (Using MDC Net)	100.3	101.2	72.6
22. Unit Capacity Factor (Using DER Net)	95.8	96.6	70.2
23. Unit Forced Outage Rate	0.0	0.2	10.4
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling - December 28, 1993 - 55 days			

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

NRC Calculated from Generator Nameplate Data:

1 037 937 KVA x 0.90 Pf=934 MW

OPERATING DATA REPORT

DOCKET NO 50-287
UNIT Ocone 3
DATE November 15, 1993
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

MONTH October, 1993

<u>DAY</u>	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	10.0
2	10.0
3	10.0
4	10.0
5	10.0
6	10.0
7	10.0
8	10.0
9	10.0
10	10.0
11	10.0
12	10.0
13	10.0
14	10.0
15	10.0
16	10.0
17	10.0
18	10.0
19	10.0
20	10.0
21	10.0
22	10.0
23	10.0
24	10.0
25	10.0
26	10.0
27	10.0
28	10.0
29	10.0
30	10.0
31	10.0
32	10.0
33	10.0
34	10.0
35	10.0
36	10.0
37	10.0
38	10.0
39	10.0
40	10.0
41	10.0
42	10.0
43	10.0
44	10.0
45	10.0
46	10.0
47	10.0
48	10.0
49	10.0
50	10.0
51	10.0
52	10.0
53	10.0
54	10.0
55	10.0
56	10.0
57	10.0
58	10.0
59	10.0
60	10.0
61	10.0
62	10.0
63	10.0
64	10.0
65	10.0
66	10.0
67	10.0
68	10.0
69	10.0
70	10.0
71	10.0
72	10.0
73	10.0
74	10.0
75	10.0
76	10.0
77	10.0
78	10.0
79	10.0
80	10.0
81	10.0
82	10.0
83	10.0
84	10.0
85	10.0
86	10.0
87	10.0
88	10.0
89	10.0
90	10.0
91	10.0
92	10.0
93	10.0
94	10.0
95	10.0
96	10.0
97	10.0
98	10.0
99	10.0
100	10.0

1 841

2 844

3 844

4 845

5 844

6 845

7 845

2 346

9 846

10 846

11 947

12 848

13 849

14 850

15 850

16 851

<u>DAY</u>	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	10.0
2	10.0
3	10.0
4	10.0
5	10.0
6	10.0
7	10.0
8	10.0
9	10.0
10	10.0
11	10.0
12	10.0
13	10.0
14	10.0
15	10.0
16	10.0
17	10.0
18	10.0
19	10.0
20	10.0
21	10.0
22	10.0
23	10.0
24	10.0
25	10.0
26	10.0
27	10.0
28	10.0
29	10.0
30	10.0
31	10.0
32	10.0
33	10.0
34	10.0
35	10.0
36	10.0
37	10.0
38	10.0
39	10.0
40	10.0
41	10.0
42	10.0
43	10.0
44	10.0
45	10.0
46	10.0
47	10.0
48	10.0
49	10.0
50	10.0
51	10.0
52	10.0
53	10.0
54	10.0
55	10.0
56	10.0
57	10.0
58	10.0
59	10.0
60	10.0
61	10.0
62	10.0
63	10.0
64	10.0
65	10.0
66	10.0
67	10.0
68	10.0
69	10.0
70	10.0
71	10.0
72	10.0
73	10.0
74	10.0
75	10.0
76	10.0
77	10.0
78	10.0
79	10.0
80	10.0
81	10.0
82	10.0
83	10.0
84	10.0
85	10.0
86	10.0
87	10.0
88	10.0
89	10.0
90	10.0
91	10.0
92	10.0
93	10.0
94	10.0
95	10.0
96	10.0
97	10.0
98	10.0
99	10.0
100	10.0

17 851

18 851

19 851

20 852

21 852

22 853

23 853

24 853

25 850

26 853

27 854

28 854

29 853

30 854 .

31 833

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October 1993

DOCKET NO. 50-287
 UNIT NAME OCONEE 3
 DATE 11/15/93
 COMPLETED BY N. C. SIMMONS
 TELEPHONE (704)-382-5263

N O .	DATE	(1) T Y P E	DURATION HOURS	(2) R E A S O N	(3) M E T- H O D O F S H U T D O W N R/X	LICENSE EVENT REPORT NO.	(4) S Y S- T E M C O D E	(5) C O M P O N E N T C O D E	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
		NO	SHUTDOWNS	OR		REDUCTION	S		

(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-Operator 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 License
 Event Report (LER)
 File (NUREG-0161)

(5)
 Exhibit I - Same Source

DOCKET: 50-287

UNIT: Oconee 3

Date: 11/15/93

NARRATIVE SUMMARY

MONTH: October 1993

Oconee Unit 3 began the month of October operating at 100% full power. The unit operated at or near 100% full power for the entire month.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 3
2. Scheduled next refueling shutdown: December 1993
3. Scheduled restart following refueling: February 1994

THE PROJECT MANAGER HAS BEEN ADVISED BY SEPARATE COMMUNICATION OF ANY T.S. CHANGE OR LICENSE AMENDMENT. THEREFORE, QUESTIONS 4 THROUGH 6 WILL NO LONGER BE MAINTAINED IN THIS REPORT.

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

If yes, what will these be?

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

5. Scheduled date(s) for submitting proposed licensing action and supporting information.
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: 516
(c) in the ISFSI: See Unit 1****
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: July 2014***

DUKE POWER COMPANY

DATE: November 15, 1993

Name of Contact: N. C. Simmons

Phone: 704-382-5263

** See footnote on Unit 1

*** This date is based on 88 Dry Storage Modules. We currently have 60 modules (1440 spaces). Additional modules will be built on an as needed basis.

**** See footnote on Unit 1