

OPERATING DATA REPORT

DOCKET NO 50-269

DATE November 15, 1991

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: October 1, 1991-October 31, 1991
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	160369.0
12. Number Of Hours Reactor Was Critical	732.1	5823.4	121744.6
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	709.6	5782.7	119246.8
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1685640	14563032	290892022
17. Gross Electrical Energy Generated (MWH)	575963	5011258	100655747
18. Net Electrical Energy Generated (MWH)	546442	4770965	95566220
19. Unit Service Factor	95.3	79.3	74.4
20. Unit Availability Factor	95.3	79.3	74.4
21. Unit Capacity Factor (Using MDC Net)	86.7	77.3	69.4
22. Unit Capacity Factor (Using DER Net)	82.8	73.8	67.2
23. Unit Forced Outage Rate	4.8	3.2	11.2
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

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

9111220209 911115
FDR - ADOCK 05000269
R FDR

OPERATING DATA REPORT

DOCKET NO 50-269
 UNIT Oconee 1
 DATE November 15, 1991
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5987

MONTH October, 1991

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>209</u>	17	<u>844</u>
2	<u>306</u>	18	<u>844</u>
3	<u>0</u>	19	<u>844</u>
4	<u>221</u>	20	<u>844</u>
5	<u>580</u>	21	<u>844</u>
6	<u>542</u>	22	<u>844</u>
7	<u>663</u>	23	<u>844</u>
8	<u>842</u>	24	<u>844</u>
9	<u>842</u>	25	<u>845</u>
10	<u>844</u>	26	<u>844</u>
11	<u>843</u>	27	<u>844</u>
12	<u>844</u>	28	<u>844</u>
13	<u>844</u>	29	<u>844</u>
14	<u>844</u>	30	<u>844</u>
15	<u>844</u>	31	<u>844</u>
16	<u>844</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-269
 UNIT NAME OCONEE 1
 DATE 11/15/91
 COMPLETED BY S. W. MOSER
 TELEPHONE (704)-373-5762

PAGE 1 OF 2

REPORT MONTH October 1991

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
15-P	91-10- 1	F	--	A	--		CB	PUMPXX	EVALUATE '1A2' REACTOR COOLANT PUMP VIBRATION
16-P	91-10- 1	F	--	A	--		CB	PUMPXX	HOLD TO BALANCE '1A2' REACTOR COOLANT PUMP
17-P	91-10- 1	S	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION
18-P	91-10- 2	S	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION
19-P	91-10- 2	S	--	B	--		RC	INSTRU	POWER ESCALATION TESTING
5	91-10- 2	F	35.37	A	3		HA	INSTRU	TURBINE/RX TRIP DUE TO LOOSE WIRE IN ELECTRICAL GENERATOR PROTECTIVE RELAY CIRCUITS
20-P	91-10- 4	F	--	A	--		HE	TURBIN	REPAIR EXTRACTION STEAM LEAK

(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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-269
 UNIT NAME OCONEE I
 DATE 11/15/91
 COMPLETED BY S. W. MOSER
 TELEPHONE (704)-373-5762

PAGE 2 OF 2

REPORT MONTH October 1991

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
21-P	91-10- 5	F	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION
22-P	91-10- 5	F	--	B	--		RC	INSTRU	POWER ESCALATION TESTING
23-P	91-10- 6	F	--	A	--		CH	PUMPXX	REPAIR '1A' MAIN FEEDWATER PUMP OIL LEAK

(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
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 File (NUREG-0161)

(5)
 Exhibit I - Same Source

DOCKET NO: 50-269

UNIT: Oconee 1

DATE: 11/15/91

NARRATIVE SUMMARY

MONTH: October 1991

Oconee Unit 1 began the month of October in power escalation from its end-of-cycle '13' refueling outage. The power increase was stopped at 40% power at 0220 on 10/01 to evaluate vibration on the '1A2' reactor coolant pump. A load decrease was commenced at 0338 on 10/01, and the unit was held at 20% power from 0800 to 1050 on 10/01 to balance the reactor coolant pump. During the subsequent power escalation, the unit was held at 48% power from 2330 on 10/01 to 0150 on 10/02 and at 52% power from 0256 to 0345 on 10/02 for nuclear instrumentation calibration. The unit was then held at 73% power at 1428 on 10/02 for power escalation testing. At 1555 on 10/02, the unit tripped due to a loose wire in the electrical generator protective relay circuits. The unit was placed back on-line at 0318 on 10/04. During this power increase, the unit was held at 37% power from 1048 to 1600 on 10/04 due to an extraction steam leak, then at 65% power from 0155 to 0224 on 10/05 for nuclear instrumentation calibration. The next power hold was at 73% power from 0405 on 10/05 to 1211 on 10/06 for power escalation testing. At 1211 on 10/06, a power decrease was commenced to repair a feedwater pump oil leak. The decrease was stopped at 60% power at 1322 on 10/06. A power increase was begun at 0202 on 10/07. The unit reached 100% full power at 2356 on 10/07, and operated at 100% full power for the remainder of the month.

Prepared by: S. W. Moser
Telephone: 704-373-5762

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 1
2. Scheduled next refueling shutdown: October 1992
3. Scheduled restart following refueling: December 1993

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: 972*
(c) in the ISFSI: 288****
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, 1991

Name of Contact: R. A. Williams

Phone: 704-373-5987

*Represents the combined total for Units 1 and 2

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

***This date is based on 88 Dry Storage Modules. We currently have 20 modules (480 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, 1991

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: October 1, 1991-October 31, 1991
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	150289.0
12. Number Of Hours Reactor Was Critical	745.0	7296.0	117880.9
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	745.0	7296.0	116214.6
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1871136	18631344	280810934
17. Gross Electrical Energy Generated (MWH)	645873	6462452	95815469
18. Net Electrical Energy Generated (MWH)	616567	6186556	91200836
19. Unit Service Factor	100.0	100.0	77.3
20. Unit Availability Factor	100.0	100.0	77.3
21. Unit Capacity Factor (Using MDC Net)	97.8	100.2	70.7
22. Unit Capacity Factor (Using DER Net)	93.4	95.7	68.4
23. Unit Forced Outage Rate	0.0	0.0	9.7
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Refueling - January 2, 1992, 55 days</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 | _____ | _____ |

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, 1991
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5987

MONTH October, 1991

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>846</u>	17	<u>849</u>
2	<u>846</u>	18	<u>850</u>
3	<u>846</u>	19	<u>850</u>
4	<u>846</u>	20	<u>851</u>
5	<u>846</u>	21	<u>851</u>
6	<u>847</u>	22	<u>851</u>
7	<u>847</u>	23	<u>851</u>
8	<u>848</u>	24	<u>851</u>
9	<u>849</u>	25	<u>851</u>
10	<u>847</u>	26	<u>851</u>
11	<u>489</u>	27	<u>851</u>
12	<u>608</u>	28	<u>849</u>
13	<u>832</u>	29	<u>847</u>
14	<u>849</u>	30	<u>841</u>
15	<u>849</u>	31	<u>818</u>
16	<u>849</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October 1991

DOCKET NO. 50-270
 UNIT NAME OCONEE 2
 DATE 11/15/91
 COMPLETED BY S. W. MOSER
 TELEPHONE (704)-373-5762

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	L I C E N S E E V E N T R E P O R T N O.	(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	C A U S E A N D C O R R E C T I V E A C T I O N T O P R E V E N T R E C U R R E N C E
6-P	91-10-11	F	--	A	--		CB	MOTORX	REACTOR COOLANT PUMP MOTOR LOW OIL LEVEL
7-P	91-10-11	F	--	A	--		CB	MOTORX	ADDING OIL TO REACTOR COOLANT PUMP MOTOR
8-P	91-10-12	F	--	B	--		IF	INSTRU	HOLD TO RESET INTEGRATED CONTROL SYSTEM HIGH FLUX LIMITER

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

(5)
 Exhibit I - Same Source

DOCKET NO: 50-270

UNIT: Oconee 2

DATE: 11/15/91

NARRATIVE SUMMARY

MONTH: October 1991

Oconee Unit 2 began the month of October operating at 100% full power. The unit operated at 100% full power until 2310 on 10/10, when a power reduction was commenced due to a low oil level alarm on the '2B1' reactor coolant pump. The power decrease was stopped at 66% power at 0117 on 10/11 to secure the pump. A further load reduction was commenced at 1706 on 10/11. The unit was held at 29% power at 2120 on 10/11 to add oil to the pump. A load increase was begun at 0400 on 10/12. The unit was held at 59% power from 0704 to 0747 on 10/12 to raise the setpoint on the integrated control system high flux limiter. The unit reached 100% full power at 1710 on 10/12, and operated at or near 100% full power for the remainder of the month.

Prepared by: S. W. Moser
Telephone: 704-373-5762

DOCKET NO: 50-287

UNIT: Oconee 3

DATE: 11/15/91

NARRATIVE SUMMARY

MONTH: October 1991

Oconee Unit 3 began the month of October operating at 100% full power. The unit operated at 100% full power until 0245 on 10/08, when a load reduction was begun to repair the '3D2' heater drain pump discharge valve. The unit was held at 77% power from 0946 to 1457 on 10/08. A load increase was commenced at this time, and the unit reached 100% full power at 2245 on 10/08. The unit operated at 100% full power for the remainder of the month.

Prepared by: S. W. Moser
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