

OPERATING DATA REPORT

DOCKET NO 50-269

DATE October 13, 1989

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: September 1, 1989-September 30, 1989
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	720.0	6551.0	142104.0
12. Number Of Hours Reactor Was Critical	533.6	5288.6	106064.2
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	508.2	5187.7	103633.7
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1236960	13000032	251541306
17. Gross Electrical Energy Generated (MWH)	414563	4432488	87075419
18. Net Electrical Energy Generated (MWH)	392519	4217108	82620400
19. Unit Service Factor	70.6	79.2	72.9
20. Unit Availability Factor	70.6	79.2	72.9
21. Unit Capacity Factor (Using MDC Net)	64.4	76.1	67.6
22. Unit Capacity Factor (Using DER Net)	61.5	72.7	65.6
23. Unit Forced Outage Rate	0.0	2.6	12.4

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: October 6, 1989

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

Forecast

Achieved

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

8910190173 891013
PDR ADOCK 05000269
R PDC

OPERATING DATA REPORT

DOCKET NO 50-269
 UNIT Oconee 1
 DATE October 13, 1989
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5987

MONTH September, 1989

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>824</u>	17	<u>821</u>
2	<u>823</u>	18	<u>821</u>
3	<u>824</u>	19	<u>683</u>
4	<u>824</u>	20	<u>599</u>
5	<u>824</u>	21	<u>595</u>
6	<u>823</u>	22	<u>15</u>
7	<u>823</u>	23	<u>0</u>
8	<u>822</u>	24	<u>0</u>
9	<u>705</u>	25	<u>0</u>
10	<u>674</u>	26	<u>0</u>
11	<u>819</u>	27	<u>0</u>
12	<u>822</u>	28	<u>0</u>
13	<u>822</u>	29	<u>0</u>
14	<u>822</u>	30	<u>0</u>
15	<u>822</u>		
16	<u>821</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-269
 UNIT NAME OCONEE 1
 DATE 10/13/89
 COMPLETED BY S. W. MOSER
 TELEPHONE (704)-373-5762

REPORT MONTH September 1989

NO.	DATE	(1)	DURATION HOURS	(2)	(3)	LICENSE EVENT REPORT NO.	(4)	(5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
		TYPE		REASON	METHOD OF SHUT DOWN R/X		SYSTEM CODE	COMPONENT CODE	
19-P	89- 9- 9	F	--	A	--		CB	PUMPXX	REDUCTION DUE TO '1B2' REACTOR COOLANT PUMP LOW OIL LEVEL
20-P	89- 9-10	S	--	B	--		IE	INSTRU	HOLDING POWER FOR NUCLEAR INSTRUMENTATION CALIBRATION
21-P	89- 9-10	S	--	F	--		ZZ	ZZZZZZ	HOLDING POWER PER DISPATCHER REQUEST
22-P	89- 9-10	S	--	B	--		IE	INSTRU	HOLDING POWER FOR NUCLEAR INSTRUMENTATION CALIBRATION
23-P	89- 9-19	F	--	A	--		CB	PUMPXX	REDUCTION DUE TO '1B2' REACTOR COOLANT PUMP LOW OIL LEVEL
24-P	89- 9-20	S	--	B	--		IE	INSTRU	HOLDING POWER FOR NUCLEAR INSTRUMENTATION CALIBRATION

(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 1
 DATE 10/13/89
 COMPLETED BY S. W. MOSER
 TELEPHONE (704)-373-5762

REPORT MONTH September 1989

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
25-P	89- 9-20	F	--	A	--		CB	PUMPXX	'1B2' REACTOR COOLANT PUMP INOPERABLE
7	89- 9-22	S	211.77	A	1		CB	PUMPXX	'1B2' REACTOR COOLANT PUMP REPAIR

(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 NO: 50-269
UNIT: Oconee 1
DATE: 10/13/89

NARRATIVE SUMMARY

Month: September 1989

Oconee Unit 1 began the month of September operating at 100% full power. At 1736 on 9/09, the unit reduced power to 39% power due to low oil level on the "1B2" Reactor Coolant Pump. Power increase commenced at 2206 on 9/09. At 0133 on 9/10, the power increase was stopped at 60% for Nuclear Instrumentation Calibration check. After completion of N.I. calibration, the power was held at 60% at 0357 on 9/10 due to Dispatcher request. At 0530 on 9/10, power increase commenced. During the power increase, the unit was held at 69% power and 90% power for Nuclear Instrumentation calibration checks. The unit reached 100% power at 1651 on 9/10. At 1140 on 10/19, the unit reduced power to 68% power to take "1B2" Reactor Coolant Pump out of service due to low oil level. At 2325 on 9/19, the unit increased power to 72% for NI calibration check. At 0400 on 9/20, the unit decreased power to 74% for three RCP operation. At 2230 on 9/21, the unit began a power decrease to enter a scheduled outage to repair "1B2" RCP and to repair a Reactor Coolant System leak around a pressurizer heater bundle. At 0226 on 9/22, the power decrease was held at 26% for Generator Electrical test. At 0415 on 9/22, the Generator was off-line. The unit remained in the maintenance outage 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: March 1990
3. Scheduled restart following refueling: May 1990
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? No
If yes, what will these be? _____
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: 1036**
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: October 13, 1989

Name of Contact: J. A. Reavis

Phone: 704-373-7567

*Represents the combined total for Units 1 and 2.

**On March 31, 1988, submitted a license application for an ISFSI which will store 2112 assemblies.

OPERATING DATA REPORT

DOCKET NO 50-270
 DATE October 13, 1989
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: September 1, 1989-September 30, 1989
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	720.0	6551.0	132024.0
12. Number Of Hours Reactor Was Critical	720.0	5443.2	101136.6
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	720.0	5341.3	99515.9
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1818144	13489368	238289702
17. Gross Electrical Energy Generated (MWH)	614599	4599362	81092906
18. Net Electrical Energy Generated (MWH)	586207	4387134	77122486
19. Unit Service Factor	100.0	81.5	75.4
20. Unit Availability Factor	100.0	81.5	75.4
21. Unit Capacity Factor (Using MDC Net)	96.2	79.2	67.9
22. Unit Capacity Factor (Using DER Net)	91.9	75.6	65.9
23. Unit Forced Outage Rate	0.0	2.2	10.8
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>None</u>			

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

INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

OPERATING DATA REPORT

DOCKET NO 50-270
 UNIT Oconee 2
 DATE October 13, 1989
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5987

MONTH September, 1989

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>824</u>	17	<u>824</u>
2	<u>824</u>	18	<u>824</u>
3	<u>824</u>	19	<u>825</u>
4	<u>825</u>	20	<u>831</u>
5	<u>790</u>	21	<u>837</u>
6	<u>517</u>	22	<u>837</u>
7	<u>822</u>	23	<u>837</u>
8	<u>825</u>	24	<u>838</u>
9	<u>824</u>	25	<u>839</u>
10	<u>821</u>	26	<u>840</u>
11	<u>823</u>	27	<u>841</u>
12	<u>729</u>	28	<u>836</u>
13	<u>824</u>	29	<u>833</u>
14	<u>824</u>	30	<u>841</u>
15	<u>824</u>		
16	<u>824</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-270
 UNIT NAME OCONEE 2
 DATE 10/13/89
 COMPLETED BY S. W. MOSER
 TELEPHONE (704)-373-5762

REPORT MONTH September 1989

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
15-P	89- 9- 5	F	--	A	--		HH	PUMPXX	REDUCTION TO REPAIR '2B' MAIN FEEDWATER PUMP OIL LEAK
16-P	89- 9- 6	F	--	A	--		HH	PUMPXX	HOLDING POWER TO RETURN '2B' MAIN FEEDWATER PUMP TO SERVICE
17-P	89- 9-12	F	--	A	--		RB	CRDRVE	REDUCTION DUE TO BLOWN FUSE IN CONTROL ROD DRIVE CONTROL CABINET
18-P	89- 9-12	S	--	B	--		IF	INSTRU	HOLDING POWER FOR NUCLEAR INSTRUMENTATION CALIBRATION

(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 NO: 50-270
UNIT: Oconee 2
DATE: 10/13/89

NARRATIVE SUMMARY

Month: September 1989

Oconee Unit 2 began the month of September operating at 100% full power. At 2100 on 9/05, the unit began a power decrease to 59% to remove "2B" Main Feedwater Pump from service for oil leak repairs. At 1739 on 9/06, a power increase was commenced. The power increase was stopped at 63% at 1802 on 9/06 to return "2B" Main Feedwater Pump to service. Power decrease commenced at 1936 on 9/06. At 0150 on 9/07, the unit reached 100% full power. At 0844 on 9/12, the unit experienced a runback to 45% after receiving a "Control Rod Drive Out Inhibit" and "Control Rod Drive Safety Rod not at Vapor Limit" alarm. After replacing blown fuses in CRD Control Cabinet, the unit began a power increase at 1103 on 9/12. After holding at 90% power for Nuclear Instrumentation Calibration at 1440 on 9/12, the unit reached 100% full power at 1910 on 9/12. The unit 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 2
2. Scheduled next refueling shutdown: August 1990
3. Scheduled restart following refueling: September 1990
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? No

If yes, what will these be? _____

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: 1036**
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: October 13, 1989

Name of Contact: J. A. Reavis

Phone: 704-373-7567

*Represents the combined total for Units 1 and 2.

** See footnote on Unit 1

OPERATING DATA REPORT

DOCKET NO 50-287
 DATE October 13, 1989
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: September 1, 1989-September 30, 1989
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	720.0	6551.0	129671.0
12. Number Of Hours Reactor Was Critical	720.0	6479.3	97057.9
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	720.0	6453.9	95631.9
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1847112	16570392	235470127
17. Gross Electrical Energy Generated (MWH)	622949	5662269	81105713
18. Net Electrical Energy Generated (MWH)	595253	5421818	77307198
19. Unit Service Factor	100.0	98.5	73.8
20. Unit Availability Factor	100.0	98.5	73.8
21. Unit Capacity Factor (Using MDC Net)	97.7	97.8	69.3
22. Unit Capacity Factor (Using DER Net)	93.3	93.4	67.2
23. Unit Forced Outage Rate	0.0	1.5	12.0

24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling - November 8, 1989 - 6 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	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

OPERATING DATA REPORT

DOCKET NO 50-287
 UNIT Oconee 3
 DATE October 13, 1989
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5967

MONTH September, 1989

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>828</u>	17	<u>827</u>
2	<u>828</u>	18	<u>827</u>
3	<u>829</u>	19	<u>828</u>
4	<u>829</u>	20	<u>828</u>
5	<u>828</u>	21	<u>827</u>
6	<u>829</u>	22	<u>819</u>
7	<u>827</u>	23	<u>820</u>
8	<u>827</u>	24	<u>823</u>
9	<u>828</u>	25	<u>825</u>
10	<u>827</u>	26	<u>827</u>
11	<u>827</u>	27	<u>825</u>
12	<u>826</u>	28	<u>829</u>
13	<u>827</u>	29	<u>833</u>
14	<u>827</u>	30	<u>826</u>
15	<u>827</u>		
16	<u>827</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-287

UNIT NAME OCONEE 3

DATE 10/13/89

REPORT MONTH September 1989

COMPLETED BY S. W. MOSER

TELEPHONE (704)-373-5762

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
		NO	SHUTDOWNS	OR		REDUCTIONS			

- (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 NO: 50-287

UNIT: Oconee 3

DATE: 10/13/89

NARRATIVE SUMMARY

Month: September 1989

Oconee Unit 3 began the month of September operating at 100% full power. The unit operated the entire month with no significant reductions in power, and ended the month at 100% full power.

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 3
2. Scheduled next refueling shutdown: November 1989
3. Scheduled restart following refueling: December 1989
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? No

If yes, what will these be?

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: 548
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: October 13, 1989

Name of Contact: J. A. Reavis

Phone: 704-373-7567

** See footnote on Unit 1