OPERATING DATA REPORT

DOCKET NO. 50-269
DATE 2-15-82
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-8552

OPERATING STATUS

1. Unit Name: Oconee #1
2. Reporting Period: January, 1982
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:

Notes

Year-to-date and cummulative capacity factors are calculated using a weighted average for maximum dependable capacity.

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	744.0	74 929.0
12. Number Of Hours Reactor Was Critical	173.1	173.1	51 228.4
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	112.9	112.9	48 356.1
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	133 042	133 042	113 590 814
17. Gross Electrical Energy Generated (MWH)	39 760	39 760	39 516 110
18. Net Electrical Energy Generated (MWH)	23 393	23 393	37 367 569
19. Unit Service Factor	15.2	15.2	64.5
20. Unit Availability Factor	15.2	15.2	64.6
21. Unit Capacity Factor (Using MDC Net)	3.7	3.7	57.8
22. Unit Capacity Factor (Using DER Net)	3.6	3.6	56.3
23. Unit Forced Outage Rate	84.8	84.8	9.0

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

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January, 1982

DOCKET NO. 50-269
UNIT NAME Oconee Unit 1
DATE 2-15-82
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
1	82-01-01	F	11.95	A	3		HC	TURBIN	Moisture separator reheater drain tank high level tripped turbine/ reactor.
2	82-01-01	F	6.18	A	3		HC	TURBIN	Moisture separator reheater drain tank high level tripped turbine/reactor.
3	82-01-01	F	16.60	A	3		HC	TURBIN	Moisture separator reheater drain tank high level tripped turbine/reactor.
4	82-01-02	F	21.07	A	3		HA	INSTRU	Turbine/reactor trip due to false, loss of stator coolant signal.
1-p	82-01-04	F	--	B	--		ZZ	ZZZZZZ	Holding at 40% for power escalation testing.
5	82-01-06	F	276.70	A	?		HA	TURBIN	Turbine brng. #11 exceeded high vib. limit. Shutdown for balance shot and repair generator hydrogen 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-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)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January, 1982

DOCKET NO. 50-269
UNIT NAME Oconee Unit 1
DATE 2-15-82
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
6	82-01-17	F	294.47	A	--		CH	HTEXCH	Outage extended due to leaks in the high pressure feedwater heaters 1A1 and 1A2.
7	82-01-30	F	4.13	A	1		HA	TURBIN	Removed unit from service for turbine balance shot. Reactor remained critical.

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)

DOCKET NO. 50-269

UNIT Oconee Unit 1

DATE 2-15-82

COMPLETED BY J. A. Reavis

TELEPHONE 704-373-8552

AVERAGE DAILY UNIT POWER LEVEL

MONTH January, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-net)
1	-	17	-
2	-	18	-
3	106	19	-
4	318	20	-
5	320	21	-
6	105	22	-
7	-	23	-
8	-	24	-
9	-	25	-
10	-	26	-
11	-	27	-
12	-	28	-
13	-	29	-
14	-	30	118
15	-	31	450
16	-		

DAILY UNIT POWER LEVEL FORM INSTRUCTIONS

On this form, list the average daily unit power level in MWe-net for each day in the reporting month. Compute to the nearest whole megawatt.

These figures will be used to plot a graph for each reporting month. Note that by using maximum dependable capacity for the net electrical rating of the unit, there may be occasions when the daily average power level exceeds the 100% line (or the restricted power level line). In such cases, the average daily unit power output sheet should be footnoted to explain the apparent anomaly.

DOCKET NO: 50-269
UNIT: Oconee Unit 1
DATE: February 15, 1982

NARRATIVE SUMMARY

MONTH: January, 1982

Oconee 1 began the month of January at 15% power, following an extended outage for refueling, and core support assembly bolt replacement.

On January 1, a level control problem on the moisture separator reheater drain tank was the cause of three (3) trips of the turbine/reactor. Another trip occured on January 2, due to a false loss of stator coolant signal.

Power escalation testing at the 40% level began on January 4 and was completed on January 6. On January 6, the unit was forced from service due to high vibration on turbine bearing #11.

A generator hydrogen leak and high pressure feedwater heater tube leaks extended the outage until January 30.

The reactor remained critical while the generator was removed from service on January 30 for a turbine balance shot. At the month's end, the unit had been returned to service and was increasing in power.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 1.

2. Scheduled next refueling shutdown: March, 1983.

3. Scheduled restart following refueling: May, 1983.

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? N/A.
   If no, when is review scheduled? N/A.

5. Scheduled date(s) for submitting proposed licensing action and supporting information: Submitted February, 1983.

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: 741*.

8. Present licensed fuel pool capacity: 1312*.
   Size of requested or planned increase: None.

9. Projected date of last refueling which can be accommodated by present licensed capacity:

DUKE POWER COMPANY Date: February, 1982.

Name of Contact: J. A. Reavis.

*Represents total for the combined units 1 and 2

OPERATING DATA REPORT

DOCKET NO. 50-270
DATE 2-15-82
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-8552

OPERATING STATUS

1. Unit Name: Oconee #2
2. Reporting Period: January, 1982
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:

Notes

Year-to-date and cummulative capacity factors are calculated using a weighted average for maximum dependable capacity.

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	744.0	64 849.0
12. Number Of Hours Reactor Was Critical	0.0	0.0	46 208.4
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	0.0	0.0	45 228.4
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	0.0	0.0	106 034 812
17. Gross Electrical Energy Generated (MWH)	0.0	0.0	36 076 786
18. Net Electrical Energy Generated (MWH)	-3 020	-3 020	34 229 828
19. Unit Service Factor	0.0	0.0	69.7
20. Unit Availability Factor	0.0	0.0	69.7
21. Unit Capacity Factor (Using MDC Net)	0.0	0.0	61.1
22. Unit Capacity Factor (Using DER Net)	0.0	0.0	59.6
23. Unit Forced Outage Rate	0.0	0.0	17.6

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

25. If Shut Down At End Of Report Period, Estimated Date of Startup: April, 1982
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

(9/77)

DOCKET NO. 50-270
UNIT Oconee Unit 2
DATE 2-15-82

AVERAGE DAILY UNIT POWER LEVEL

MONTH January, 1982

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

DAILY UNIT POWER LEVEL FORM INSTRUCTIONS

On this form, list the average daily unit power level in MWe-net for each day in the reporting month. Compute to the nearest whole megawatt.

These figures will be used to plot a graph for each reporting month. Note that by using maximum dependable capacity for the net electrical rating of the unit, there may be occasions when the daily average power level exceeds the 100% line (or the restricted power level line). In such cases, the average daily unit power output sheet should be footnoted to explain the apparent anomaly.

CORRECTED COPY

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-270
UNIT NAME Oconee 2
DATE 3/15/82
COMPLETED BY J.A. Reavis
TELEPHONE (704)373-8552

REPORT MONTH January, 1982

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
1	82-01-01	S	480.00	C	--		RC	FUELXX	Scheduled refueling/inspection (10 yr. ISI) in progress.
1A	82-01-21	S	264.00	B	--		CA	VESSEL	Core support assembly bolt replacement in progress. NSM's and other mainentance.

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)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January, 1982

DOCKET NO. 50-270
UNIT NAME Oconee Unit 2
DATE 2-15-82
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
1	82-01-01	S	744.00	C			RC	FUELXX	Scheduled refueling/inspection (10 yr. ISI) in progress. Core support assembly bolt replacement in progress. NSM's and other maintenance.

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)

DOCKTE NO: 50-270
UNIT: Oconee Unit 2
DATE: January 15, 1982

NARRATIVE SUMMARY

MONTH: January, 1982.

Oconee 2 began the month at shutdown for refueling and the ten-year inservice inspection, which continued throughout the month. The core support assembly bolt replacement and NSM's are in progress.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 2.

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? N/A.
   If no, when is review scheduled? N/A.

5. Scheduled date(s) for submitting proposed licensing action and supporting information: Unknown.

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: 0.
   (b) in the spent fuel pool: 532*.

8. Present licensed fuel pool capacity: 1312*.
   Size of requested or planned increase: None.

9. Projected date of last refueling which can be accommodated by present licensed capacity:

DUKE POWER COMPANY

Date: February, 1982.

Name of Contact: J. A. Reavis.

*Represents total for the combined units 1 and 2

OPERATING DATA REPORT

DOCKET NO. 50-287
DATE 2-15-82
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-8552

OPERATING STATUS

1. Unit Name: Oconee #3
2. Reporting Period: January, 1982
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:

Notes

Year-to-date and cummulative capacity factors are calculated using a weighted average for maximum dependable capacity.

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	744.0	62 496.0
12. Number Of Hours Reactor Was Critical	744.0	744.0	46 057.9
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	744.0	744.0	45 060.1
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	1 908 540	1 908 540	109 427 279
17. Gross Electrical Energy Generated (MWH)	659 910	659 910	37 806 724
18. Net Electrical Energy Generated (MWH)	633 118	633 118	35 984 594
19. Unit Service Factor	100.0	100.0	72.1
20. Unit Availability Factor	100.0	100.0	72.1
21. Unit Capacity Factor (Using MDC Net)	99.0	99.0	66.7
22. Unit Capacity Factor (Using DER Net)	96.1	96.1	65.0
23. Unit Forced Outage Rate	0.0	0.0	14.8

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling - April, 1982

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		

(9/77)

DOCKET NO. 50-287
UNIT Oconee Unit 3
DATE 2-15-82

AVERAGE DAILY UNIT POWER LEVEL

MONTH January, 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-net)
1	850	17	850
2	852	18	850
3	851	19	851
4	850	20	853
5	852	21	851
6	852	22	847
7	852	23	831
8	853	24	847
9	855	25	849
10	855	26	849
11	855	27	850
12	855	28	851
13	855	29	850
14	856	30	852
15	854	31	354
16	853		

DAILY UNIT POWER LEVEL FORM INSTRUCTIONS

On this form, list the average daily unit power level in MWe-net for each day in the reporting month. Compute to the nearest whole megawatt.

These figures will be used to plot a graph for each reporting month. Note that by using maximum dependable capacity for the net electrical rating of the unit there may be occasions when the daily average power level exceeds the 100% line (or the restricted power level line). In such cases, the average daily unit power output sheet should be footnoted to explain the apparent anomaly.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January, 1982

DOCKET NO. 50-287
UNIT NAME Oconee Unit 3
DATE 2-15-82
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
1-p	82-01-22	F	--	B	--		HA	TURBIN	Reactor power reduced to 86% for periodic turbine valve movement test.

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)

DOCKTE NO: 50-287
UNIT: Oconee Unit 3
DATE: 2-15-82

NARRATIVE SUMMARY

MONTH: January, 1982.

Oconee 3 began the month at near rated power. On January 22, the power was reduced to 86% for a periodic turbine valve movement test. After completion of the test, the power was increased to near rated power and continued the remainder of the month.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 3.

2. Scheduled next refueling shutdown: April, 1982.

3. Scheduled restart following refueling: June, 1982.

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? N/A.
   If no, when is review scheduled? N/A.

5. Scheduled date(s) for submitting proposed licensing action and supporting information: March, 1982.

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: 361.

8. Present licensed fuel pool capacity: 474.
   Size of requested or planned increase: 830.

9. Projected date of last refueling which can be accommodated by present licensed capacity:

DUKE POWER COMPANY

Date: February, 1982.

Name of Contact: J. A. Reavis.

OCONEE NUCLEAR STATION

Operating Status Report

1. Personnel Exposure

   For the month of December, no individual(s) exceeded 10 percent of their allowable annual radiation dose limit.

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

   The total station gaseous release for December has been compared with the derived Technical Specifications annual value of 51,000 curies; the total release for December was less than 10 percent of this limit.