OPERATING DATA REPORT

DOCKET NO. 50-269
DATE 1/15/81
COMPLETED BY J. A. Reavis
TELEPHONE (704)373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 1
2. Reporting Period: December, 1980
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): 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 cummulative 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	8,784.0	65,425.0
12. Number Of Hours Reactor Was Critical	744.0	6,771.6	47,286.0
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	744.0	6,637.1	44,584.1
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	1,868,261	15,236,268	104,454,387
17. Gross Electrical Energy Generated (MWH)	663,830	5,387,530	36,301,830
18. Net Electrical Energy Generated (MWH)	634,403	5,116,510	34,348,009
19. Unit Service Factor	100.0	75.6	68.2
20. Unit Availability Factor	100.0	75.6	68.2
21. Unit Capacity Factor (Using MDC Net)	99.2	67.7	60.8
22. Unit Capacity Factor (Using DER Net)	96.2	65.7	59.3
23. Unit Forced Outage Rate	0.0	10.3	17.0

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		

8101210464

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December, 1980

DOCKET NO. 50-269
UNIT NAME Oconee Unit 1
DATE 1/15/81
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
13-p	80-12-19	F	-	A	-		HH	VALVEX	Reduced power to repack 1D2 heater drain pump discharge valve.
14-p	80-12-26	F	-	A	-		CB	HTEXCH	Suspected leak in the "A" steam generator. Reduced power to 90%.

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)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-269
UNIT Oconee Unit 1
DATE 1/15/81
COMPLETED BY J. A. Reavis
TELEPHONE (704)373-8552

MONTH December, 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	873	17	875
2	872	18	874
3	872	19	774
4	873	20	841
5	872	21	867
6	867	22	869
7	867	23	874
8	856	24	875
9	873	25	873
10	873	26	806
11	873	27	796
12	873	28	796
13	873	29	792
14	873	30	790
15	874	31	790
16	874		

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.

(9/77)

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 1.

2. Scheduled next refueling shutdown: May, 1981.

3. Scheduled restart following refueling: July, 1981.

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: April, 1981.

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: 342.

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: January, 1981.

Name of Contact: J. A. Reavis.

DOCKET NO: 50-269
UNIT: Oconee Unit 1
DATE: 1/15/81

NARRATIVE SUMMARY

MONTH: December, 1980

Oconee 1 began the month of December at near rated power. Power was reduced on December 19 to repack the 1D2 heater drain pump discharge valve. On December 26, power was reduced to 90% due to a suspected tube leak in the "A" steam generator. The power remained at this level the remainder of the month with no increase in the leak rate.

OPERATING DATA REPORT

DOCKET NO. 50-270
DATE 1/15/81
COMPLETED BY J. A. Reavis
TELEPHONE (704)373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 2
2. Reporting Period: December, 1980
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): 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 cummulative 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	8,784.0	55,345.0
12. Number Of Hours Reactor Was Critical	639.2	5,509.0	39,104.9
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	633.7	5,399.6	38,175.7
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	1,560,732	12,048,710	90,096,115
17. Gross Electrical Energy Generated (MWH)	537,770	4,097,880	30,612,236
18. Net Electrical Energy Generated (MWH)	512,151	3,878,808	29,042,566
19. Unit Service Factor	85.2	61.5	69.0
20. Unit Availability Factor	85.2	61.5	69.0
21. Unit Capacity Factor (Using MDC Net)	80.0	51.4	60.7
22. Unit Capacity Factor (Using DER Net)	77.7	49.8	59.2
23. Unit Forced Outage Rate	0.0	2.0	17.9

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		

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December, 1980

DOCKET NO. 50-270
UNIT NAME Oconee Unit 2
DATE 1/15/81
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
4	80-12-01	S	110.28	D	-		ZZ	ZZZZZZ	Required modifications. NUREG-578 and other maintenance.
18-p	80-12-06	F	-	A	-		HH	INSTRU	Holding power at 90%. Problems with the 2D2 HDP controller causing feedwater swing.
19-p	80-12-06	F	-	A	-		CH	INSTRU	Holding at 92% power due to control problems on the 2A1 feedwater heater.
20-p	80-12-20	F	-	D	-		SF	MOTORX	2B HPI pump out of service for more than 72 hours. Power reduced to 59% per tech spec.
21-p	80-12-28	F	-	A	-		CB	PUMPXX	Reduced power due to fluctuations in 2B2 RCP seal pressures.

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)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-270
UNIT Oconee Unit 2
DATE 1/15/81
COMPLETED BY J. A. Reavis
TELEPHONE (704)373-8552

MONTH December, 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	-	17	851
2	-	18	850
3	-	19	849
4	-	20	760
5	101	21	503
6	703	22	829
7	838	23	849
8	843	24	851
9	845	25	850
10	846	26	846
11	845	27	846
12	846	28	840
13	846	29	753
14	842	30	844
15	847	31	842
16	850		

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.

(9/77)

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 2.

2. Scheduled next refueling shutdown: June, 1981.

3. Scheduled restart following refueling: August, 1981.

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: May, 1981.

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: 342.

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: January, 1981.

Name of Contact: J. A. Reavis.

DOCKET NO: 50-270
UNIT: Oconee Unit 2
DATE: 1/15/81

NARRATIVE SUMMARY

MONTH: December, 1980

Oconee 2 began the month of December in an outage for required modifications. It returned to service on December 5 and increased in power. Power was held at 90% for maintenance to the 2D2 HDP controller. A hold at 92% power was necessary to correct a control problem on the 2A1 feedwater heater. The unit reached near rated power on December 6 at 2340.

On December 17 at 1330, the 2B HPI pump was declared inoperable due to the motor upper bearing temperature being high. Power was reduced on December 20 to less than 60% per tech. spec. after 72 hours operation with only two (2) HPI pumps operable. The 2B HPI pump was declared operable and power was increased on December 21.

An erratic fluctuation of pressure on the 2B2 RCP seals on December 28 resulted in a power reduction until the problem was evaluated. Returned to near rated power on December 29 and continued the remainder of the month.

OPERATING DATA REPORT

DOCKET NO. 50-287
DATE 1/15/81
COMPLETED BY J. A. Reavis
TELEPHONE (704)373-8552

OPERATING STATUS

1. Unit Name: Oconee Unit 3
2. Reporting Period: December, 1980
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): 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 cummulative 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	8,784.0	52,992.0
12. Number Of Hours Reactor Was Critical	121.2	6,509.2	38,403.1
13. Reactor Reserve Shutdown Hours	-	-	-
14. Hours Generator On-Line	118.9	6,417.4	37,479.0
15. Unit Reserve Shutdown Hours	-	-	-
16. Gross Thermal Energy Generated (MWH)	133,914	15,922,735	90,304,341
17. Gross Electrical Energy Generated (MWH)	50,180	5,479,950	31,231,214
18. Net Electrical Energy Generated (MWH)	42,853	5,217,839	29,714,395
19. Unit Service Factor	16.0	73.1	70.7
20. Unit Availability Factor	16.0	73.1	70.7
21. Unit Capacity Factor (Using MDC Net)	6.7	69.1	64.9
22. Unit Capacity Factor (Using DER Net)	6.5	67.0	63.3
23. Unit Forced Outage Rate	0.0	10.7	16.9

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling - December 5, 1980 - 13 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		

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December, 1980

DOCKET NO. 50-287
UNIT NAME Oconee Unit 3
DATE 1/15/81
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
12-p	80-12-01	S	-	H	-		ZZ	ZZZZZZ	Holding at 55% power to extend core life.
8	80-12-05	S	625.12	C	1		RC	FUELXX	Scheduled refueling and planned 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)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-287
UNIT Unit 3
DATE 1/15/81
COMPLETED BY J. A. Reavis
TELEPHONE (704)373-8552

MONTH December, 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	391	17	–
2	391	18	–
3	391	19	–
4	391	20	–
5	353	21	–
6	–	22	–
7	–	23	–
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 3.

2. Scheduled next refueling shutdown: December, 1980.

3. Scheduled restart following refueling: February, 1981.

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, 1980.

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: 463.

8. Present licensed fuel pool capacity: 474.
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: January 15, 1981.

Name of Contact: J. A. Reavis.

DOCKET NO: 50-287
UNIT: Oconee Unit 3
DATE: 1/15/81

NARRATIVE SUMMARY

MONTH: December, 1980

Oconee 3 began the month of December at 55% power to extend core life. The unit was shut down on December 5 to begin a scheduled refueling outage which continued the complete month.

OCONEE NUCLEAR STATION

Operating Status Report

1. Personnel Exposure

   For the month of November, 1 individual(s) exceeded 10 percent of their allowable annual radiation dose limit with the highest dose being 1.270 rem, which represents approximately 10.6% of that person's allowable annual limit.

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

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