

OPERATING DATA REPORT

OPERATING STATUS

DOCKET 50-287

DATE 3-13-87

COMPLETED BY J. A. Reavis

TELEPHONE 704/373-7567

1. Unit Name: DCONEE 3
2. Reporting Period: FEBRUARY 1, 1987-FEBRUARY 28, 1987
3. Licensed Thermal Power (Mwt): 2568
4. Nameplate Rating (Gross MWe): 934
5. Design Electrical Rating (Net MWe): 886
6. Maximum Dependable Capacity (Gross 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
cumulative capacity factors
are calculated using a weight-
ed 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	672.0	1,416.0	106,992.0
12. Number Of Hours Reactor Was Critical	0.0	0.0	77,206.7
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	0.0	0.0	75,915.3
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	0	0	185,447,110
17. Gross Electrical Energy Generated (MWH)	0	0	63,881,074
18. Net Electrical Energy Generated (MWH)	(2,017)	(3,515)	60,840,148
19. Unit Service Factor	0.0	0.0	71.0
20. Unit Availability Factor	0.0	0.0	71.0
21. Unit Capacity Factor (Using MDC Net)	0.0	0.0	66.0
22. Unit Capacity Factor (Using DER Net)	0.0	0.0	64.2
23. Unit Forced Outage Rate	0.0	0.0	13.9

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

25. If Shut Down At End Of Report Period, Estimated Date of Startup: March 24, 1987

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

Forecast Achieved

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-287
 UNIT Oconee 3
 DATE March 13, 1987
 COMPLETED J. A. Reavis
 TELEPHONE 704-373-7567

MONTH FEBRUARY, 1987

DAY ---	AVERAGE DAILY POWER LEVEL (MWE-Net)
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0

DAY ---	AVERAGE DAILY POWER LEVEL (MWE-Net)
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-287

UNIT NAME OCONEE 3

DATE 03/13/87

REPORT MONTH February 1987

COMPLETED BY GERALD REAVIS

TELEPHONE (704)-373-7567

N O .	DATE	T Y P E	DURATION HOURS	R E A S O N	MET- HOD OF SHU- TING DOWN R/X	LICENSE EVENT REPORT NO.	SYS- TEM CODE	COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
1	87- 2-01	S	672.00	C	4		RC	FUELXX	END OF CYCLE 9 REFUELING OUTAGE CONTINUING

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: 03/13/87

NARRATIVE SUMMARY

Month: February, 1987

During February, Oconee Unit 3 remained in the end of cycle 9 refueling outage, which had begun in December of 1986.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 3
2. Scheduled next refueling shutdown: Currently Refueling
3. Scheduled restart following refueling: -----
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
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: 529
8. Present licensed fuel pool capacity: 875
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: March 13, 1987

Name of Contact: J. A. Reavis

Phone: 704-373-7567

OCONEE NUCLEAR STATION
MONTHLY OPERATING STATUS REPORT

1. Personnel Exposure

For the month of January, 5 individuals exceeded 10 percent of their allowable annual radiation dose limit with the highest dose being 1.750 Rem which represents approximately 14.6% of that person's allowable annual limit.

2. The total station liquid release for January has been compared with the Technical Specifications maximum annual dose commitment and was less than 10 percent of this limit.

The total station gaseous release for January has been compared with the Technical Specifications maximum annual dose commitment and was less than 10 percent of this limit.

OPERATING DATA REPORT

OPERATING STATUS	DOCKET	50-269
	DATE	3-13-87
	COMPLETED BY	J. A. Reavis
	TELEPHONE	704/373-7567

1. Unit Name: OCONEE 1

2. Reporting Period: FEBRUARY 1, 1987-FEBRUARY 28, 1987

3. Licensed Thermal Power (MWt): 2568

4. Nameplate Rating (Gross MWe): 934

5. Design Electrical Rating (Net MWe): 886

6. Maximum Dependable Capacity (Gross) 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
cumulative capacity factors
are calculated using a weight-
ed 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	672.0	1,416.0	119,425.0
12. Number Of Hours Reactor Was Critical	483.5	1,227.5	87,622.4
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	481.1	1,225.1	84,227.3
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1,198,128	3,036,600	203,962,705
17. Gross Electrical Energy Generated (MWH)	414,760	1,050,870	70,844,740
18. Net Electrical Energy Generated (MWH)	388,880	996,310	67,179,354
19. Unit Service Factor	71.6	86.5	70.5
20. Unit Availability Factor	71.6	86.5	70.6
21. Unit Capacity Factor (Using MDC Net)	67.3	81.8	65.3
22. Unit Capacity Factor (Using DER Net)	65.3	79.4	63.5
23. Unit Forced Outage Rate	0.0	0.0	14.6
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling - August 4, 1987 - 10 weeks			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: March 6, 1987

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

	Forecast	Achieved
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INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-269
UNIT Oconee 1
DATE March 13, 1987
COMPLETED J. A. Reavis
TELEPHONE 704-373-7567

MONTH FEBRUARY, 1987

DAY ---	AVERAGE DAILY POWER LEVEL (MWE-Net)
1	809
2	809
3	809
4	809
5	809
6	808
7	808
8	808
9	827
10	846
11	846
12	846
13	846
14	847
15	846
16	846

DAY ---	AVERAGE DAILY POWER LEVEL (MWE-Net)
17	848
18	808
19	848
20	784
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February 1987DOCKET NO. 50-269UNIT NAME OCONEE 1DATE 03/13/87COMPLETED BY GERALD REAVISTELEPHONE (704)-373-7567

N O .	DATE	T Y P E	DURATION HOURS	R E A S O N	MET- HOD OF SHU- TING DOWN R/X	LICENSE EVENT REPORT NO.	SYS- TEM CODE	COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
5-p	87- 2-01	S	--	A	--		EA	TRANSF	HIGH ACETYLENE LEVELS IN MAIN TRANS- FORMER
6-p	87- 2-18	F	--	A	--		IF	TRANSF	INTEGRATED CONTROL SYSTEM TRANSFORMER BURNOUT CAUSED FEEDWATER PUMP RUNBACK
1	87- 2-21	S	190.87	A	1		EA	TRANSF	HIGH ACETYLENE LEVELS IN MAIN TRANS- FORMER

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: Ocone 1

DATE: 03 /13/87

NARRATIVE SUMMARY

Month: February, 1987

Ocone Unit 1 began the month at 95% power while monitoring the levels of Acetylene gas being produced in the Main Transformer. On 2/09 the unit increased power to 100% and operated there until 2/18 when a power supply to the "A" Feedwater pump failed, resulting in a pump trip and a runback in power to 65%. The power supply was replaced and the unit returned to 100%. On 2/21 the unit was shut down and a maintenance outage began to exchange the Main Transformer for a spare transformer. The unit remained in the outage for the remainder of the month.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 1
2. Scheduled next refueling shutdown: August, 1987
3. Scheduled restart following refueling: October, 1987
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

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: 953*
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: March 13, 1987

Name of Contact: J. A. Reavis

Phone: 704-373-7567

*Represents the combined total for Units 1 and 2.

OPERATING DATA REPORT

OPERATING STATUS -----	DOCKET	50-270
	DATE	3-13-87
	COMPLETED BY	J. A. Reavis
	TELEPHONE	704/373-7567

1. Unit Name: OCONEE 2
 2. Reporting Period: FEBRUARY 1, 1987-FEBRUARY 28, 1987
 3. Licensed Thermal Power (MWt): 2568
 4. Nameplate Rating (Gross MWe): 934
 5. Design Electrical Rating (Net MWe): 886
 6. Maximum Dependable Capacity (Gross) 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	
	cumulative capacity factors		
	are calculated using a weight-		
	ed 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	672.0	1,416.0	109,345.0
12. Number Of Hours Reactor Was Critical	672.0	1,403.1	81,494.3
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	672.0	1,389.5	80,115.5
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1,669,608	3,462,480	191,750,758
17. Gross Electrical Energy Generated (MWH)	578,930	1,186,040	65,319,561
18. Net Electrical Energy Generated (MWH)	554,571	1,135,031	62,103,657
19. Unit Service Factor	100.0	98.1	73.3
20. Unit Availability Factor	100.0	98.1	73.3
21. Unit Capacity Factor (Using MDC Net)	96.0	93.2	65.9
22. Unit Capacity Factor (Using DER Net)	93.1	90.5	64.1
23. Unit Forced Outage Rate	0.0	1.9	12.7
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):

INITIAL CRITICALITY	-----	-----
INITIAL ELECTRICITY	-----	-----
COMMERCIAL OPERATION	-----	-----

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-270
UNIT Oconee 2
DATE March 13, 1987
COMPLETED J. A. Reavis
TELEPHONE 704-373-7567

MONTH FEBRUARY, 1987

DAY ---	AVERAGE DAILY POWER LEVEL (MWE-Net)
1	826
2	825
3	827
4	830
5	830
6	830
7	830
8	811
9	829
10	828
11	829
12	829
13	828
14	827
15	827
16	827

DAY ---	AVERAGE DAILY POWER LEVEL (MWE-Net)
17	829
18	829
19	829
20	829
21	826
22	820
23	819
24	819
25	819
26	820
27	819
28	816

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February 1987DOCKET NO. 50-270UNIT NAME OCONEE 2DATE 03/13/87COMPLETED BY GERALD REAVISTELEPHONE (704)-373-7567

N O .	DATE	T Y P E	DURATION HOURS	R E A S O N	MET- HOD OF SHU- TING DOWN R/X	LICENSE EVENT REPORT NO.	SYS- TEM CODE	COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
4-p	87- 2-01	F	--	A	--		HB	XXXXXX	HIGH FEEDWATER FLOW
5-p	87- 2- 8	S	--	F	--		ZZ	ZZZZZZ	REDUCE POWER PER DISPATCHER REQUEST
6-p	87- 2- 8	F	--	A	--		HB	XXXXXX	HIGH FEEDWATER FLOW

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: 03/13/87

NARRATIVE SUMMARY

Month: February, 1987

Oconee Unit 2 operated at 97% power, limited by a Feedwater flow limit throughout February.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 2
2. Scheduled next refueling shutdown: December, 1987
3. Scheduled restart following refueling: March, 1988
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
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: 953*
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: March 13, 1987

Name of Contact: J. A. Reavis

Phone: 704-373-7567

*Represents the combined total for Units 1 and 2.