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ACCESSION NBR: 8804200152 DOC. DATE: 88/03/31 NOTARIZED: NO DOCKET #
 FACIL: 50-269 Oconee Nuclear Station, Unit 1, Duke Power Co. 05000269
 50-270 Oconee Nuclear Station, Unit 2, Duke Power Co. 05000270
 50-287 Oconee Nuclear Station, Unit 3, Duke Power Co. 05000287

AUTH. NAME AUTHOR AFFILIATION
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 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Mar 1988.W/880415 ltr.

DISTRIBUTION CODE: IE24D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 17
 TITLE: Monthly Operating Report (per Tech Specs)

NOTES: AEOD/Ornstein: 1cy. 05000269
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OPERATING DATA REPORT

DOCKET 50-269

DATE 4-15-88

COMPLETED BY J. A. Reavis

TELEPHONE 704/373-7567

OPERATING STATUS

1. Unit Name: OCONEE 1
2. Reporting Period: MARCH 1, 1988-MARCH 31, 1988
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): 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 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	744.0	2,184.0	128,953.0
12. Number Of Hours Reactor Was Critical	744.0	2,184.0	95,492.7
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	2,184.0	91,880.8
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1,898,880	5,447,016	221,932,081
17. Gross Electrical Energy Generated (MWH)	659,709	1,885,578	76,993,235
18. Net Electrical Energy Generated (MWH)	631,582	1,802,770	73,013,875
19. Unit Service Factor	100.0	100.0	71.3
20. Unit Availability Factor	100.0	100.0	71.3
21. Unit Capacity Factor (Using MDC Net)	100.3	97.6	65.7
22. Unit Capacity Factor (Using DER Net)	95.8	93.2	63.9
23. Unit Forced Outage Rate	0.0	0.0	13.6

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

IE24
71

8804200152 880331
PDR ADOCK 05000269
R DCD

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-269
 UNIT Ocone 1
 DATE April 15, 1988
 COMPLETED J. A. Reavis
 TELEPHONE 704-373-7567

MONTH	MARCH, 1988
DAY	AVERAGE DAILY POWER LEVEL (MWE-Net)
1	847
2	847
3	847
4	848
5	848
6	848
7	848
8	849
9	848
10	849
11	849
12	850
13	850
14	849
15	850
16	850

DAY	AVERAGE DAILY POWER LEVEL (MWE-Net)
17	849
18	850
19	851
20	850
21	850
22	851
23	851
24	851
25	851
26	850
27	850
28	841
29	846
30	850
31	850

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1988DOCKET NO. 50-269UNIT NAME OCONEE 1DATE 04/15/88COMPLETED BY J. A. REAVISTELEPHONE (704)-373-7567

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
5-p	88- 3-27	F	--	A	--		HJ	PUMPXX	HIGH BEARING TEMPERATURE ON '1E1' HEATER DRAIN PUMP

(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: 04/15/88

NARRATIVE SUMMARY

Month: March, 1988

Oconee Unit 1 began the month of March operating at 100% full power. The unit reduced power to 98.5% at 2247 on 03/27, due to high bearing temperatures on the "1E1" Heater Drain Pump. The unit returned to 100% at 1912 on 03/29, where it operated for the remainder of the month.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 1
2. Scheduled next refueling shutdown: January, 1989
3. Scheduled restart following refueling: March, 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: 934*
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: April 15, 1988

Name of Contact: J. A. Reavis

Phone: 704-373-7567

*Represents the combined total for Units 1 and 2.

OPERATING DATA REPORT

DOCKET 50-270

DATE 4-15-88

COMPLETED BY J. A. Reavis

TELEPHONE 704/373-7567

OPERATING STATUS

1. Unit Name: DCONEE 2
2. Reporting Period: MARCH 1, 1988-MARCH 31, 1988
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): 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 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	744.0	2,184.0	118,873.0
12. Number Of Hours Reactor Was Critical	0.0	797.4	89,493.6
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	0.0	796.1	88,089.1
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	0	1,736,808	209,376,910
17. Gross Electrical Energy Generated (MWH)	0	580,690	71,263,371
18. Net Electrical Energy Generated (MWH)	(1,950)	546,312	67,743,630
19. Unit Service Factor	0.0	36.5	74.1
20. Unit Availability Factor	0.0	36.5	74.1
21. Unit Capacity Factor (Using MDC Net)	0.0	29.6	66.1
22. Unit Capacity Factor (Using DER Net)	0.0	28.2	64.3
23. Unit Forced Outage Rate	0.0	0.0	11.8

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: April 10, 1988

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

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-270

UNIT Ocone 2

DATE April 15, 1988

COMPLETED J. A. Reavis

TELEPHONE 704-373-7567

MONTH MARCH, 1988

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
29	0
30	0
31	0

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-270UNIT NAME OCONEE 2DATE 04/15/88REPORT MONTH March 1988COMPLETED BY J. A. REAVISTELEPHONE (704)-373-7567

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
1	88- 3- 1	S	744.00	C	1		RC	FUELXX	NORMAL REFUELING

(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: 04/15/88

NARRATIVE SUMMARY

Month: March, 1988

Oconee Unit 2 was out of service for the entire month of March due to its end of cycle 9 refueling outage.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 2
2. Scheduled next refueling shutdown: Currently Refueling
3. Scheduled restart following refueling: April, 1988
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: 934*
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: April 15, 1988

Name of Contact: J. A. Reavis

Phone: 704-373-7567

*Represents the combined total for Units 1 and 2.

OPERATING DATA REPORT

DOCKET 50-287

DATE 4-15-88

OPERATING STATUS

COMPLETED BY J. A. Reavis

TELEPHONE 704/373-7567

1. Unit Name: OCONEE 3
2. Reporting Period: MARCH 1, 1988-MARCH 31, 1988
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): 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 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	744.0	2,184.0	116,520.0
12. Number Of Hours Reactor Was Critical	744.0	2,184.0	85,532.9
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	2,184.0	84,169.2
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1,896,408	5,545,032	206,444,494
17. Gross Electrical Energy Generated (MWH)	659,629	1,921,261	71,131,806
18. Net Electrical Energy Generated (MWH)	633,093	1,843,206	67,771,836
19. Unit Service Factor	100.0	100.0	72.2
20. Unit Availability Factor	100.0	100.0	72.2
21. Unit Capacity Factor (Using MDC Net)	100.6	99.8	67.5
22. Unit Capacity Factor (Using DER Net)	96.0	95.3	65.7
23. Unit Forced Outage Rate	0.0	0.0	12.9

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

Refueling - August 3, 1988 - 7 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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-287
UNIT Ocone 3
DATE April 15, 1988
COMPLETED J. A. Reavis
TELEPHONE 704-373-7567

MONTH MARCH, 1988

DAY ---	AVERAGE DAILY POWER LEVEL (MWE-Net)
1	852
2	853
3	852
4	851
5	851
6	851
7	851
8	851
9	852
10	852
11	851
12	851
13	851
14	849
15	852
16	852

DAY ---	AVERAGE DAILY POWER LEVEL (MWE-Net)
17	851
18	852
19	851
20	851
21	850
22	850
23	850
24	849
25	850
26	851
27	851
28	851
29	844
30	854
31	854

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-287
 UNIT NAME OCONEE 3
 DATE 04/15/88
 COMPLETED BY J. A. REAVIS
 TELEPHONE (704)-373-7567

REPORT MONTH March 1988

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
3-p	88- 3-29	F	--	A	--		RB	CONROD	INTEGRATED CONTROL SYSTEM ASYMMETRIC ROD RUNBACK
4-p	88- 3-29	F	--	B	--		IE	INSTRU	POWER REDUCTION ON HOLD 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 Licensee
 Event Report (LER)
 File (NUREG-0161)

(5)

Exhibit I - Same Source

DOCKET NO: 50-287

UNIT: Oconee 3

DATE: 04/15/88

NARRATIVE SUMMARY

Month: March, 1988

Oconee Unit 3 began the month of March operating at 100% full power. The unit reduced power to 96% at 1318 on 03/29 due to an Asymmetric Rod Runback. The unit returned to 100% at 0120 on 03/30, following a power hold at 98.5% for Nuclear Instrumentation Calibration. The unit then operated at 100% power for the remainder of the month.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 3
2. Scheduled next refueling shutdown: August, 1988
3. Scheduled restart following refueling: September, 1988
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: 488
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: April 15, 1988

Name of Contact: J. A. Reavis

Phone: 704-373-7567

OCONEE NUCLEAR STATION
MONTHLY OPERATING STATUS REPORT

1. Personnel Exposure

For the month of February, no individuals exceeded 10 percent of their allowable annual radiation dose limit.

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

DUKE POWER COMPANY

P.O. BOX 33189
CHARLOTTE, N.C. 28242

HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

TELEPHONE
(704) 373-4531

April 15, 1988

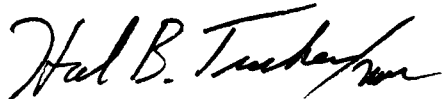
U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D. C. 20555

Re: Oconee Nuclear Station
Docket No. 50-269, -270, -287

Dear Sir:

Please find attached information concerning the performance and operating status of the Oconee Nuclear Station for the month of March, 1988.

Very truly yours,



Hal B. Tucker

JAR/7015/sbn

Attachment

xc: Dr. J. Nelson Grace
Regional Administrator/Region II
U. S. Nuclear Regulatory Commission
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Mr. Phil Ross
U. S. Nuclear Regulatory Commission
MNBB-5715
Washington, D. C. 20555

Ms. Helen Pastis, Project Manager
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Mr. P. H. Skinner
NRC Resident Inspector
Oconee Nuclear Station

American Nuclear Insurers
c/o Dottie Sherman, ANI Library
The Exchange, Suite 245
270 Farmington Avenue
Farmington, CT 06032

INPO Records Center
Suite 1500
1100 Circle 75 Parkway
Atlanta, Georgia 30323

Mr. Robert G. Rogers
Nuclear Assurance Corporation
6251 Crooked Creek Road
Norcross, Georgia 30092

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