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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
WILLIAMS,R.A. Duke Power Co.
TUCKER,H.B. Duke Power Co.
RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Jan 1989 fo Oconee Nuclear Station.W/890215 ltr.

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Duke Power Company
P.O. Box 33198
Charlotte, N.C. 28242

HAL B. Tucker
Vice President
Nuclear Production
(704)373-4531

DUKE POWER

February 15, 1989

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 January, 1989.

Very truly yours,

Hal B. Tucker

JAR/15/lcs

Attachment

xc: Mr. M. L. Ernst, Acting
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

IE24
1/1

OPERATING DATA REPORT

DOCKET NO 50-269
DATE February 15, 1989
COMPLETED BY R.A. Williams
TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: January 1, 1989-January 31, 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	744.0	744.0	136297.0
12. Number Of Hours Reactor Was Critical	57.9	57.9	100833.5
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	46.3	46.3	98492.3
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	106632	106632	238647906
17. Gross Electrical Energy Generated (MWH)	35322	35322	82678253
18. Net Electrical Energy Generated (MWH)	29198	29198	78432490
19. Unit Service Factor	6.2	6.2	72.3
20. Unit Availability Factor	6.2	6.2	72.3
21. Unit Capacity Factor (Using MDC Net)	4.6	4.6	66.9
22. Unit Capacity Factor (Using DER Net)	4.4	4.4	64.9
23. Unit Forced Outage Rate	44.9	44.9	12.9

24. Shutdown 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: February 15, 1989

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

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

IE24
1/1

OPERATING DATA REPORT

DOCKET NO 50-269
UNIT Oconee 1
DATE February 15, 1989
COMPLETED BY R.A. Williams
TELEPHONE 704-373-5987

MONTH January, 1989

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	838	17	0
2	524	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	0
16	0		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH _____January 1989_

DOCKET NO. 50-269
UNIT NAME OCONEE 1
DATE 02/15/89
COMPLETED BY J. J. MEAD
TELEPHONE (704)-373-5762

NO.	DATE	(1) TYPE	DURATION HOURS	(2) REASON	(3) METHOD OF SHUTDOWN R/X	LICENSE EVENT REPORT NO.	(4) SYSTEM CODE	(5) COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
1	89- 1- 2	F	20.97	B	3		ZZ	CKTBKR	CRD BREAKER TRIPPED BY CHANNEL 'D' BEING IN TEST WHILE CHANNEL 'A' WAS TRIPPED
1-P	89- 1- 3	F	--	A	--		HH	VALVEX	HOLDING POWER TO REPAIR FEEDWATER MAIN BLOCK VALVE '1FDW31'
2	89- 1- 3	F	16.72	A	4		EB	ELECON	A FIRE IN 6900 VOLT BUS '1TA' CAUSED TURBINE TRIP AND REACTOR RUNBACK,(REACTOR NOT SHUTDOWN)
3	89- 1- 4	S	660.00	C	1		RC	FUELXX	END OF CYCLE 11 REFUELING OUTAGE

(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: 50-269

UNIT: Oconee 1

DATE: 02/15/89

NARRATIVE SUMMARY

Month: January, 1989

Oconee Unit 1 began the month of January at 100% full power. At 1523 on 01/02, the Reactor tripped during a Reactor Protection System Test. The unit returned to service at 1221 on 01/03, and subsequently held power at 15% to repair a Main Feedwater Block Valve. At 1917, on 01/03, while increasing power, the Turbine tripped due to a fire in the 6900 volt bus. Following a review of the damage caused by the fire, the unit entered its End of Cycle 11 Refueling Outage 24 days early. The unit remained off line at month's end for its End of Cycle 11 Refueling Outage.

Prepared by: J. J. Mead
Telephone: 704-373-5762

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 1

2. Scheduled next refueling shutdown: Currently Refueling

3. Scheduled restart following refueling: February, 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: 985*

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: February 15, 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 February 15, 1989
COMPLETED BY R.A. Williams
TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: January 1, 1989-January 31, 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	744.0	744.0	126217.0
12. Number Of Hours Reactor Was Critical	744.0	744.0	96437.4
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	744.0	94918.6
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1909968	1909968	226710302
17. Gross Electrical Energy Generated (MWH)	652858	652858	77146402
18. Net Electrical Energy Generated (MWH)	625715	625715	73361067
19. Unit Service Factor	100.0	100.0	75.2
20. Unit Availability Factor	100.0	100.0	75.2
21. Unit Capacity Factor (Using MDC Net)	99.4	99.4	67.5
22. Unit Capacity Factor (Using DER Net)	94.9	94.9	65.5
23. Unit Forced Outage Rate	0.0	0.0	11.1

24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling - May 9, 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 50-270
UNIT Oconee 2
DATE February 15, 1989
COMPLETED BY R.A. Williams
TELEPHONE 704-373-5987

MONTH January, 1989

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	842	17	843
2	839	18	843
3	837	19	843
4	838	20	843
5	839	21	843
6	841	22	843
7	842	23	842
8	842	24	842
9	841	25	843
10	841	26	843
11	842	27	843
12	837	28	843
13	835	29	842
14	835	30	842
15	839	31	843
16	843		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-270
UNIT NAME OCONEE 2
DATE 02/15/89
COMPLETED BY J. J. MEAD
TELEPHONE (704)-373-5762

REPORT MONTH January 1989

NO.	DATE	(1) TYPE	DURATION HOURS	(2) REASON	(3) METHOD OF SHUTDOWN R/X	LICENSE EVENT REPORT NO.	(4) SYSTEM 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 Licensee Event Report (LER) File (NUREG-0161)

(5)
Exhibit I - Same Source

DOCKET NO: 50-270

UNIT: Oconee 2

DATE: 02/15/89

NARRATIVE SUMMARY

Month: January, 1989

Oconee Unit 2 operated at 100% full power for the entire month of January, 1989.

Prepared by: J. J. Mead
Telephone: 704-373-5762

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 2

2. Scheduled next refueling shutdown: May, 1989

3. Scheduled restart following refueling: July, 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: 985*

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: February 15, 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 February 15, 1989
COMPLETED BY R.A. Williams
TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: January 1, 1989-January 31, 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	744.0	744.0	123864.0
12. Number Of Hours Reactor Was Critical	682.9	682.9	91261.4
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	673.0	673.0	89851.0
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1748496	1748496	220648231
17. Gross Electrical Energy Generated (MWH)	591980	591980	76035424
18. Net Electrical Energy Generated (MWH)	565190	565190	72450570
19. Unit Service Factor	90.5	90.5	72.5
20. Unit Availability Factor	90.5	90.5	72.5
21. Unit Capacity Factor (Using MDC Net)	89.8	89.8	68.0
22. Unit Capacity Factor (Using DER Net)	85.7	85.7	66.0
23. Unit Forced Outage Rate	9.6	9.6	12.7

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: _____
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 February 15, 1989
COMPLETED BY R.A. Williams
TELEPHONE 704-373-5987

MONTH January, 1989

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	853	17	853
2	853	18	854
3	852	19	853
4	852	20	853
5	852	21	853
6	852	22	853
7	852	23	853
8	852	24	852
9	851	25	852
10	852	26	853
11	852	27	853
12	196	28	853
13	0	29	853
14	0	30	852
15	403	31	853
16	853		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH _____January_1989_

DOCKET NO. 50-287
UNIT NAME OCONEE 3
DATE 02/15/89
COMPLETED BY J. J. MEAD
TELEPHONE (704)-373-5762

NO.	DATE	(1) TYPE	DURATION HOURS	(2) REASON	(3) METHOD OF SHUTDOWN R/X	LICENSE EVENT REPORT NO.	(4) SYSTEM CODE	(5) COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
1	89- 1-12	F	71.02	A	1		SB	XXXXXX	REACTOR BUILDING COOLING UNITS 'A' & 'C' DECLARED INOPERABLE

(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: 02/15/89

NARRATIVE SUMMARY

Month: January, 1989

Oconee Unit 3 began the month of January operating at 100% full power. At 0303 on 1/12, a controlled unit shutdown was commenced due to inoperable Reactor Building Cooling Units. The unit was removed from service at 0857 that same day, and returned to service at 0758 on 01/15. The unit returned to 100% full power at 1933 on 01/15, where it then operated for the remainder of the month.

Prepared by: J. J. Mead
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: January, 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: 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: February 15, 1989

Name of Contact: J. A. Reavis Phone: 704-373-7567

** See footnote on Unit 1

OCONEE NUCLEAR STATION
MONTHLY OPERATING STATUS REPORT

December 1988

1. Personnel Exposure

   For the month of December, no individuals 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 maximum annual dose commitment and was less than 10 percent of this limit.

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