

# OPERATING DATA REPORT

DOCKET NO 50-269

DATE December 13, 1991

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

## OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: November 1, 1991-November 30, 1991
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	720.0	8016.0	161089.0
12. Number Of Hours Reactor Was Critical	720.0	6543.4	122464.6
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	720.0	6502.7	119966.8
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MMH)	1848336	16411368	292740358
17. Gross Electrical Energy Generated (MMH)	636904	5648162	101292651
18. Net Electrical Energy Generated (MMH)	608536	5379501	96174756
19. Unit Service Factor	100.0	81.1	74.5
20. Unit Availability Factor	100.0	81.1	74.5
21. Unit Capacity Factor (Using MDC Net)	99.9	79.3	69.6
22. Unit Capacity Factor (Using DER Net)	95.4	75.7	67.3
23. Unit Forced Outage Rate	0.0	2.9	11.1
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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

NRC Calculated from Generator Nameplate Data:  
1 037 937 KVA x 0.90 Pf=934 MW

9112200228 911213  
PDR ADOCK 05000269  
R PDR

# OPERATING DATA REPORT

DOCKET NO 50-269  
UNIT Oconee 1  
DATE December 13, 1991  
COMPLETED BY R.A. Williams  
TELEPHONE 704-373-5987

MONTH November, 1991

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
1	<u>844</u>	17	<u>847</u>
2	<u>844</u>	18	<u>847</u>
3	<u>844</u>	19	<u>847</u>
4	<u>844</u>	20	<u>847</u>
5	<u>845</u>	21	<u>846</u>
6	<u>845</u>	22	<u>846</u>
7	<u>845</u>	23	<u>846</u>
8	<u>845</u>	24	<u>846</u>
9	<u>845</u>	25	<u>846</u>
10	<u>845</u>	26	<u>847</u>
11	<u>846</u>	27	<u>847</u>
12	<u>846</u>	28	<u>847</u>
13	<u>846</u>	29	<u>848</u>
14	<u>847</u>	30	<u>826</u>
15	<u>847</u>		
16	<u>847</u>		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1991

DOCKET NO. 50-269  
 UNIT NAME OCONEE 1  
 DATE 12/13/91  
 COMPLETED BY S. W. MOSER  
 TELEPHONE (704)-373-5762

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
		NO	SHUTDOWNS	OR		REDUCTION	S		

(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: 12/13/91

#### NARRATIVE SUMMARY

MONTH: November 1991

Oconee Unit 1 began the month of November operating at 100% full power. The unit operated at or near 100% full power for the entire month, and ended the month operating at 100% full power.

Prepared by: S. W. Moser  
Telephone: 704-373-5762

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 1
2. Scheduled next refueling shutdown: October 1992
3. Scheduled restart following refueling: December 1992

THE PROJECT MANAGER HAS BEEN ADVISED BY SEPARATE COMMUNICATION OF ANY T.S. CHANGE OR LICENSE AMENDMENT. THEREFORE, QUESTIONS 4 THROUGH 6 WILL NO LONGER BE MAINTAINED IN THIS REPORT.

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

If yes, what will these be?

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions?

5. Scheduled date(s) for submitting proposed licensing action and supporting information.
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: 950\*  
(c) in the ISFSI: 312\*\*\*\*
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: February 2013\*\*\*

DUKE POWER COMPANY

DATE: December 13, 1991

Name of Contact: R. A. Williams

Phone: 704-373-5987

\* Represents the combined total for Units 1 and 2

\*\* On January 29, 1990, received a license for ISFSI which will store 2112 assemblies

\*\*\* This date is based on 88 Dry Storage Modules. We currently have 20 modules (480 spaces). Additional modules will be built on an as needed basis.

\*\*\*\* Represents the combined total for Units 1,2 and 3

# OPERATING DATA REPORT

DOCKET NO 50-270

DATE December 13, 1991

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

## OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: November 1, 1991-November 30, 1991
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	720.0	8016.0	151009.0
12. Number Of Hours Reactor Was Critical	720.0	8016.0	118600.9
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	720.0	8016.0	116934.6
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1849584	20480928	282660518
17. Gross Electrical Energy Generated (MWH)	640055	7102507	96455524
18. Net Electrical Energy Generated (MWH)	612357	6798913	91813193
19. Unit Service Factor	100.0	100.0	77.4
20. Unit Availability Factor	100.0	100.0	77.4
21. Unit Capacity Factor (Using MDC Net)	100.5	100.3	70.8
22. Unit Capacity Factor (Using DER Net)	96.0	95.7	68.6
23. Unit Forced Outage Rate	0.0	0.0	9.6

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

Refueling - January 2, 1992, 55 Days

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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

NRC Calculated from Generator Nameplate Data:

1 037 937 KVA x 0.90 Pf=934 MW

# OPERATING DATA REPORT

DOCKET NO 50-270  
 UNIT Oconee 2  
 DATE December 13, 1991  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-373-5987

MONTH November, 1991

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
1	<u>850</u>	17	<u>854</u>
2	<u>849</u>	18	<u>853</u>
3	<u>849</u>	19	<u>821</u>
4	<u>850</u>	20	<u>854</u>
5	<u>850</u>	21	<u>856</u>
6	<u>851</u>	22	<u>856</u>
7	<u>851</u>	23	<u>851</u>
8	<u>852</u>	24	<u>850</u>
9	<u>852</u>	25	<u>855</u>
10	<u>852</u>	26	<u>855</u>
11	<u>853</u>	27	<u>855</u>
12	<u>853</u>	28	<u>856</u>
13	<u>853</u>	29	<u>854</u>
14	<u>854</u>	30	<u>819</u>
15	<u>854</u>		
16	<u>854</u>		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1991

DOCKET NO. 50-270  
 UNIT NAME OCONEE 2  
 DATE 12/13/91  
 COMPLETED BY S. W. MOSER  
 TELEPHONE (704)-373-5762

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	L I C E N S E E V E N T R E P O R T N O.	(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	C A U S E A N D C O R R E C T I V E A C T I O N T O P R E V E N T R E C U R R E N C E
		NO	SHUTDOWNS	OR		REDUCTION	S		

(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: 12/13/91

#### NARRATIVE SUMMARY

MONTH: November 1991

Oconee Unit 2 began the month of November operating at 100% full power. The unit operated at or near 100% full power for the entire month, and ended the month operating at 100% full power.

Prepared by: S. W. Moser  
Telephone: 704-373-5762

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 2
2. Scheduled next refueling shutdown: January 1992
3. Scheduled restart following refueling: February 1992

THE PROJECT MANAGER HAS BEEN ADVISED BY SEPARATE COMMUNICATION OF ANY T.S. CHANGE OR LICENSE AMENDMENT. THEREFORE, QUESTIONS 4 THROUGH 6 WILL NO LONGER BE MAINTAINED IN THIS REPORT.

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

If yes, what will these be?

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions?

5. Scheduled date(s) for submitting proposed licensing action and supporting information.
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: 950  
(c) in the ISFSI: See Unit 1\*\*\*\*
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: October 2013\*\*\*

DUKE POWER COMPANY

DATE: December 13, 1991

Name of Contact: R. A. Williams

Phone: 704-373-5987

\* Represents the combined total for Units 1 and 2

\*\* See footnote on Unit 1

\*\*\* This date is based on 88 Dry Storage Modules. We currently have 20 modules (480 spaces). Additional modules will be built on an as needed basis.

\*\*\*\* See footnote on Unit 1

# OPERATING DATA REPORT

DOCKET NO 50-287

DATE December 13, 1991

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

## OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: November 1, 1991-November 30, 1991
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	720.0	8016.0	148656.0
12. Number Of Hours Reactor Was Critical	531.5	6740.6	113732.5
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	524.8	6693.9	112171.3
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1328160	16938336	277584897
17. Gross Electrical Energy Generated (MWH)	461621	5858354	95682927
18. Net Electrical Energy Generated (MWH)	439864	5594623	91245228
19. Unit Service Factor	72.9	83.5	75.5
20. Unit Availability Factor	72.9	83.5	75.5
21. Unit Capacity Factor (Using MDC Net)	72.2	82.5	71.5
22. Unit Capacity Factor (Using DER Net)	69.0	78.8	69.2
23. Unit Forced Outage Rate	27.1	3.6	10.7

24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Refueling - June 11, 1992, 45 Days

25. If Shut Down At End Of Report Period. Estimated Date of Startup: December 14, 1991

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

Forecast Achieved

INITIAL CRITICALITY  
INITIAL ELECTRICITY  
COMMERCIAL OPERATION

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

NRC Calculated from Generator Nameplate Data:

1 037 937 KVA x 0.90 Pf=934 MW

# OPERATING DATA REPORT

DOCKET NO 50-287  
UNIT Oconee 3  
DATE December 13, 1991  
COMPLETED BY R.A. Williams  
TELEPHONE 704-373-5987

MONTH November, 1991

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
1	<u>856</u>	17	<u>859</u>
2	<u>856</u>	18	<u>787</u>
3	<u>857</u>	19	<u>426</u>
4	<u>857</u>	20	<u>862</u>
5	<u>857</u>	21	<u>866</u>
6	<u>856</u>	22	<u>866</u>
7	<u>857</u>	23	<u>84</u>
8	<u>857</u>	24	<u>0</u>
9	<u>858</u>	25	<u>0</u>
10	<u>858</u>	26	<u>0</u>
11	<u>859</u>	27	<u>0</u>
12	<u>826</u>	28	<u>0</u>
13	<u>809</u>	29	<u>0</u>
14	<u>852</u>	30	<u>0</u>
15	<u>850</u>		
16	<u>859</u>		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1991DOCKET NO. 50-287UNIT NAME OCONEE 3DATE 12/13/91COMPLETED BY S. W. MOSERTELEPHONE (704)-373-5762

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
16-P	91-11-18	F	--	A	--		HA	GENERA	GENERATOR GROUND PROBLEMS
5	91-11-19	F	6.68	A	1		HA	GENERA	GENERATOR TAKEN OFF-LINE TO REPAIR GENERATOR GROUND
6	91-11-23	F	188.53	A	3		ID	PIPEXX	REACTOR COOLANT LEAK - INSTRUMENT LINE (INADEQUATE CORE COOLING MONITORING) FITTING

(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: 12/13/91

#### NARRATIVE SUMMARY

MONTH: November 1991

Oconee Unit 3 began the month of November operating at 100% full power. The unit operated at or near 100% full power until 1930 on 11/18, when a power reduction was commenced to take the unit off-line due to a generator ground. The unit was taken off-line at 0105 on 11/19. The unit was placed back on-line at 0746 on 11/19 and reached 100% full power at 2057 on 11/19. The unit then operated at 100% full power until 0203 on 11/23, when a reactor shutdown was commenced due to a reactor coolant system leak of 70 gpm. At 0328 on 11/23, a reactor and turbine trip occurred due to feedwater swings during the shutdown. The leak was located at an instrument line fitting. The unit remained in the outage as of the end of the month.

Prepared by: S. W. Moser  
Telephone: 704-373-5762

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 3
2. Scheduled next refueling shutdown: June 1992
3. Scheduled restart following refueling: July 1992

THE PROJECT MANAGER HAS BEEN ADVISED BY SEPARATE COMMUNICATION OF ANY T.S. CHANGE OR LICENSE AMENDMENT. THEREFORE, QUESTIONS 4 THROUGH 6 WILL NO LONGER BE MAINTAINED IN THIS REPORT.

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

If yes, what will these be?

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions?

5. Scheduled date(s) for submitting proposed licensing action and supporting information.
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: 580  
(c) in the ISFSI: See Unit 1\*\*\*\*
8. Present licensed fuel pool capacity: 825  
Size of requested or planned increase: \*\*
9. Projected date of last refueling which can be accommodated by present licensed capacity: July 2014\*\*\*

DUKE POWER COMPANY

DATE: December 13, 1991

Name of Contact: R. A. Williams

Phone: 704-373-5987

\*\* See footnote on Unit 1

\*\*\* This date is based on 88 Dry Storage Modules. We currently have 20 modules (480 spaces). Additional modules will be built on an as needed basis.

\*\*\*\* See footnote on Unit 1