

OPERATING DATA REPORT

DOCKET NO 50-269

DATE July 15, 1997

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: June 1, 1997-June 30, 1997
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	4343.0	210024.0
12. Number Of Hours Reactor Was Critical	305.7	2588.4	163022.3
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	304.5	2562.1	160051.4
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	774720	6405408	394771462
17. Gross Electrical Energy Generated (MWH)	267732	2198995	136450071
18. Net Electrical Energy Generated (MWH)	251202	2081949	129692296
19. Unit Service Factor	42.3	59.0	76.2
20. Unit Availability Factor	42.3	59.0	76.2
21. Unit Capacity Factor (Using MDC Net)	41.2	56.7	72.2
22. Unit Capacity Factor (Using DER Net)	39.4	54.1	69.7
23. Unit Forced Outage Rate	57.7	22.7	9.6
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			
<u>Refueling - September 18, 1997 - 50 days</u>			

25. If Shut Down At End Of Report Period. Estimated Date of Startup: July 03, 1997

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

	Forecast	Achieved
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INITIAL CRITICALITY  
INITIAL ELECTRICITY  
COMMERCIAL OPERATION


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

9707220126 970715  
PDR ADOCK 05000269  
R PDR

OPERATING DATA REPORT

DOCKET NO 50-269  
 UNIT Oconee 1  
 DATE July 15, 1997  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH June, 1997

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>849</u>	17	<u>0</u>
2	<u>849</u>	18	<u>0</u>
3	<u>849</u>	19	<u>0</u>
4	<u>849</u>	20	<u>0</u>
5	<u>849</u>	21	<u>0</u>
6	<u>849</u>	22	<u>0</u>
7	<u>849</u>	23	<u>0</u>
8	<u>849</u>	24	<u>0</u>
9	<u>849</u>	25	<u>0</u>
10	<u>849</u>	26	<u>0</u>
11	<u>849</u>	27	<u>0</u>
12	<u>848</u>	28	<u>0</u>
13	<u>473</u>	29	<u>0</u>
14	<u>0</u>	30	<u>0</u>
15	<u>0</u>		
16	<u>0</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-269  
 UNIT NAME OCONEE 1  
 DATE 07/15/97  
 COMPLETED BY R. A. Williams  
 TELEPHONE (704)-382-5346

REPORT MONTH June 1997

NO.	DATE	(1) TYPE	DURATION HOURS	(2) REASON	(3) METHOD OF SHUT DOWN R/X	LICENSE EVENT REPORT NO.	(4) SYS- TEM CODE	(5) COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
4	97- 6-13	F	415.48	A	1		SF	XXXXXX	INSPECTION OF HIGH PRESSURE INJECTION FLOW NOZZLES

(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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 1
2. Scheduled next refueling shutdown: September 1997
3. Scheduled restart following refueling: November 1997

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: 974\*  
(c) in the ISFSI: 960\*\*\*\*
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 license capacity: February 2013\*\*\*

DUKE POWER COMPANY

DATE: July 15, 1997

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

\* 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 48 modules (1152 spaces). Additional modules will be built on an as-needed basis.

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

DOCKET: 50 - 269

UNIT: Oconee 1

DATE: 07/15/97

### NARRATIVE SUMMARY

MONTH: June, 1997

Oconee Unit 1 began the month of June operating at 100% full power. On 06/13/97 at 1138 the unit began decreasing power and the unit was taken off-line 06/13/97 at 1631 due to inspection of high pressure injection flow nozzles. The unit remained in the outage the remainder of the month.

Prepared by: R. A. Williams  
Telephone: (704) - 382-5346

OPERATING DATA REPORT

DOCKET NO 50-270  
 DATE July 15, 1997  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: June 1, 1997-June 30, 1997
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	4343.0	199944.0
12. Number Of Hours Reactor Was Critical	720.0	2808.5	157818.4
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	720.0	2758.4	155759.4
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1826784	7017384	381522542
17. Gross Electrical Energy Generated (MWH)	632543	2432903	130702692
18. Net Electrical Energy Generated (MWH)	605131	2309412	124463157
19. Unit Service Factor	100.0	63.5	77.9
20. Unit Availability Factor	100.0	63.5	77.9
21. Unit Capacity Factor (Using MDC Net)	99.3	62.9	72.8
22. Unit Capacity Factor (Using DER Net)	94.9	60.0	70.2
23. Unit Forced Outage Rate	0.0	36.5	10.3
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

OPERATING DATA REPORT

DOCKET NO 50-270  
 UNIT Oconee 2  
 DATE July 15, 1997  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH June, 1997

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>857</u>	17	<u>846</u>
2	<u>858</u>	18	<u>846</u>
3	<u>858</u>	19	<u>848</u>
4	<u>857</u>	20	<u>850</u>
5	<u>857</u>	21	<u>849</u>
6	<u>857</u>	22	<u>847</u>
7	<u>857</u>	23	<u>848</u>
8	<u>856</u>	24	<u>850</u>
9	<u>856</u>	25	<u>778</u>
10	<u>854</u>	26	<u>606</u>
11	<u>854</u>	27	<u>854</u>
12	<u>853</u>	28	<u>855</u>
13	<u>852</u>	29	<u>854</u>
14	<u>846</u>	30	<u>825</u>
15	<u>845</u>		
16	<u>845</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June 1997

DOCKET NO. 50-270  
 UNIT NAME OCONEE 2  
 DATE 07/15/97  
 COMPLETED BY R. A. Williams  
 TELEPHONE (704)-382-5346

NO.	DATE	(1) TYPE	DURATION HOURS	(2) REASON	(3) METHOD OF SHUT DOWN R/X	LICENSE EVENT REPORT NO.	(4) SYS- TEM CODE	(5) COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
9-P	97- 6-25	F	--	A	--		SA	XXXXXX	REACTOR BUILDING ENTRY TO INSPECT INSULATION
10-P	97- 6-26	F	--	H	--		ZZ	XXXXXX	HOLDING AT 25% POWER TO POST POWER ESCALATION WARNING BARRIERS IN TURBINE BUILDING
11-P	97- 6-26	F	--	B	--		IA	INSTRU	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



MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 2
2. Scheduled next refueling shutdown: March 1998
3. Scheduled restart following refueling: May 1998

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: 974\*  
(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 license capacity: October 2013\*\*\*

DUKE POWER COMPANY

DATE: July 15, 1997

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

\* 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 48 modules (1152 spaces). Additional modules will be built on an as needed basis.

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

DOCKET: 50 - 270

UNIT: Oconee 2

Date: 07/15/97

### NARRATIVE SUMMARY

MONTH: June, 1997

Oconee Unit 2 began the month of June operating at 100% full power. On 06/25/97 at 2002 the unit began decreasing power to allow entry to the reactor building to inspect insulation and held at 20% power from 06/25/97 at 2302 to 06/26/97 at 0201. During power escalation, the unit held at 25% power from 06/26/97 at 0230 to 0245 to post power escalation warning barriers in turbine building. The unit held at 65% power from 0534 to 1124 due to nuclear instrumentation calibration. The unit returned to 100% full power on 06/26/97 at 1723, and operated at or near 100% full power the remainder of the month.

Prepared by: R. A. Williams  
Telephone: (704) - 382-5346

OPERATING DATA REPORT

DOCKET NO 50-287  
 DATE July 15, 1997  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: June 1, 1997-June 30, 1997
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	4343.0	197591.0
12. Number Of Hours Reactor Was Critical	720.0	2082.5	152193.6
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	535.7	1672.8	149965.5
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1389792	4133664	373500297
17. Gross Electrical Energy Generated (MWH)	464821	1395983	128940060
18. Net Electrical Energy Generated (MWH)	438403	1300374	122965059
19. Unit Service Factor	74.4	38.5	75.9
20. Unit Availability Factor	74.4	38.5	75.9
21. Unit Capacity Factor (Using MDC Net)	72.0	35.4	72.8
22. Unit Capacity Factor (Using DER Net)	68.7	33.8	70.2
23. Unit Forced Outage Rate	25.6	53.5	10.6
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: July 05, 1997
  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 July 15, 1997  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH June, 1997

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>43</u>	17	<u>863</u>
2	<u>550</u>	18	<u>863</u>
3	<u>681</u>	19	<u>863</u>
4	<u>853</u>	20	<u>863</u>
5	<u>859</u>	21	<u>863</u>
6	<u>859</u>	22	<u>862</u>
7	<u>859</u>	23	<u>854</u>
8	<u>857</u>	24	<u>1</u>
9	<u>856</u>	25	<u>0</u>
10	<u>864</u>	26	<u>0</u>
11	<u>864</u>	27	<u>0</u>
12	<u>864</u>	28	<u>0</u>
13	<u>864</u>	29	<u>0</u>
14	<u>863</u>	30	<u>0</u>
15	<u>863</u>		
16	<u>863</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-287  
 UNIT NAME OCONEE 3  
 DATE 07/15/97  
 COMPLETED BY R. A. Williams  
 TELEPHONE (704)-382-5346

REPORT MONTH June 1997

NO	DATE	(1)	DURATION HOURS	(2)	(3)	LICENSE EVENT REPORT NO.	(4)	(5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
		TYPE		REASON	METHOD OF SHUT DOWN R/X		SYSTEM CODE	COMPONENT CODE	
7	97- 6- 1	F	18.85	A	--		SF	XXXXXX	INSPECT HIGH PRESSURE INJECTION FLOW NOZZLES
14-P	97- 6- 1	F	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION CHECKS
15-P	97- 6- 1	F	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION CHECKS
16-P	97- 6- 2	F	--	A	--		IA	XXXXXX	INVESTIGATE CORE THERMAL POWER BEST
17-P	97- 6- 2	F	--	A	--		IF	INSTRU	INVESTIGATE FEEDWATER TEMPERATURE INDICATION CHANGE TO INTEGRATED CONTROL SYSTEM
8	97- 6-24	F	165.48	A	1		HA	TURBIN	SEAL OIL SYSTEM TESTING AND REPAIR

(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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 3
2. Scheduled next refueling shutdown: September 1998
3. Scheduled restart following refueling: November 1998

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: <u>177</u>
(b)	in the spent fuel pool: <u>552</u>
(c)	in the ISFSI: <u>See Unit 1 ****</u>
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 license capacity: July 2014\*\*\*

DUKE POWER COMPANY

DATE: July 15, 1997

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

\*\* See footnote of Unit 1

\*\*\* This date is based on 88 Dry Storage Modules. We currently have 48 modules (1152 spaces). Additional modules will be built on an as needed basis.

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

DOCKET: 50 - 287

UNIT: Oconee 3

Date: 07/15/97

### NARRATIVE SUMMARY

MONTH: June, 1997

Oconee Unit 3 began the month of June in an outage to inspect high pressure injection flow nozzles. The unit was placed on-line 06/01/97 at 1851. During power escalation, the unit held at 30% power from 06/01/97 at 2022 to 2055 and the unit held at 65% power from 2252 to 2318 due to nuclear instrumentation calibration checks. On 06/02/97 the unit held at 83% power from 0024 to 0201 to investigate core thermal power best. The unit began decreasing power on 06/02/97 at 0201 and held at 63% power from 0626 to 06/03/97 at 1150 to investigate downward step change in all three final feedwater temperature indications that feed the integrated control system. The unit returned to 100% full power on 06/03/97 at 1714, and operated at or near 100% full power until 06/23/97 at 2240 when the unit began decreasing and was taken off-line 06/24/97 at 0231 due to seal oil system testing and repair. The unit remained in the outage the remainder of the month.

Prepared by: R. A Williams  
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