

OPERATING DATA REPORT

DOCKET NO 50-269

DATE September 15, 1994

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 1
2. Reporting Period: August 1, 1994-August 31, 1994
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	5831.0	185208.0
12. Number Of Hours Reactor Was Critical	744.0	4442.5	143165.2
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	727.4	4373.8	140415.5
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1860672	11037072	344633254
17. Gross Electrical Energy Generated (MWH)	631712	3797015	119165788
18. Net Electrical Energy Generated (MWH)	602206	3614508	113220872
19. Unit Service Factor	97.8	75.0	75.8
20. Unit Availability Factor	97.8	75.0	75.8
21. Unit Capacity Factor (Using MDC Net)	95.7	73.3	71.3
22. Unit Capacity Factor (Using DER Net)	91.4	70.0	68.9
23. Unit Forced Outage Rate	2.2	0.8	10.1
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):

INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

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

9409210201 940915  
PDR ADOCK 05000269  
R PDR

OPERATING DATA REPORT

DOCKET NO 50-269  
 UNIT Oconee 1  
 DATE September 15, 1994  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH August, 1994

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>786</u>	17	<u>840</u>
2	<u>835</u>	18	<u>840</u>
3	<u>837</u>	19	<u>840</u>
4	<u>830</u>	20	<u>138</u>
5	<u>830</u>	21	<u>778</u>
6	<u>831</u>	22	<u>835</u>
7	<u>830</u>	23	<u>838</u>
8	<u>832</u>	24	<u>838</u>
9	<u>837</u>	25	<u>837</u>
10	<u>832</u>	26	<u>837</u>
11	<u>829</u>	27	<u>836</u>
12	<u>834</u>	28	<u>836</u>
13	<u>834</u>	29	<u>836</u>
14	<u>836</u>	30	<u>836</u>
15	<u>837</u>	31	<u>836</u>
16	<u>840</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August 1994

DOCKET NO. 50-269  
 UNIT NAME OCONEE I  
 DATE 09/15/94  
 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
12-P	94- 8- 1	F	--	A	--		HH	PUMPXX	'1B' MAIN FEEDWATER PUMP REPAIR
8	94- 8-20	F	16.65	A	--		EB	CKTBKR	REPAIR 'Z' PHASE CONNECTION ON GENERATOR TRANSFORMER MOTOR OPERATED DISCONNECT

(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: 50-269

UNIT: Oconee 1

Date: 09/15/94

#### NARRATIVE SUMMARY

MONTH: August 1994

Oconee Unit 1 began the month of August holding at 64% power due to '1B' main feedwater pump repairs. The unit began increasing power on 08/01/94 at 0103 and returned to 100% full power at 0752. On 08/20/94 at 0548 the unit was taken off-line to repair 'Z' phase connection on generator transformer motor operated disconnect (reactor held at 12% power). The unit was placed on-line 08/20/94 at 2227. The unit returned to 100% full power on 08/21/94 at 0705. The unit operated the remainder of the month at or near 100% full power.

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 1
2. Scheduled next refueling shutdown: October 1995
3. Scheduled restart following refueling: December 1995

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 licence 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: 962\*  
(c) in the ISFSI: 696\*\*\*\*
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: September 15, 1994

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 licence for ISFSI which will store 2112 assemblies

\*\*\* This date is based on 88 Dry Storage Modules. We currently have 60 modules (1440 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 September 15, 1994  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 2
2. Reporting Period: August 1, 1994-August 31, 1994
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	5831.0	175128.0
12. Number Of Hours Reactor Was Critical	571.2	5480.1	139476.7
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	564.7	5461.8	137598.5
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1437264	13961496	335378078
17. Gross Electrical Energy Generated (MWH)	493852	4853881	114731429
18. Net Electrical Energy Generated (MWH)	466937	4633792	109252862
19. Unit Service Factor	75.9	93.7	78.6
20. Unit Availability Factor	75.9	93.7	78.6
21. Unit Capacity Factor (Using MDC Net)	74.2	93.9	72.8
22. Unit Capacity Factor (Using DER Net)	70.8	89.7	70.4
23. Unit Forced Outage Rate	24.1	6.3	8.7
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling - October 06, 1994 - 44 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 September 15, 1994  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH August, 1994

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>0</u>	17	<u>843</u>
2	<u>0</u>	18	<u>843</u>
3	<u>0</u>	19	<u>846</u>
4	<u>0</u>	20	<u>846</u>
5	<u>0</u>	21	<u>846</u>
6	<u>0</u>	22	<u>846</u>
7	<u>0</u>	23	<u>847</u>
8	<u>229</u>	24	<u>846</u>
9	<u>831</u>	25	<u>846</u>
10	<u>845</u>	26	<u>846</u>
11	<u>845</u>	27	<u>845</u>
12	<u>845</u>	28	<u>845</u>
13	<u>845</u>	29	<u>844</u>
14	<u>845</u>	30	<u>845</u>
15	<u>844</u>	31	<u>810</u>
16	<u>844</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August 1994

DOCKET NO. 50-270  
 UNIT NAME OCONEE 2  
 DATE 09/15/94  
 COMPLETED BY K. 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) SYSTEM CODE	(5) COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
2	94- 8- 1	F	179.35	A	--		CH	HTEXCH	'2A' STEAM GENERATOR TUBE LEAK
3-P	94- 8- 8	F	--	H	--		RC	FUELXX	EVALUATE CORE POWER TILT
4-P	94- 8- 8	F	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION CHECK

- (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: 50-270

UNIT: Oconee 2

Date: 09/15/94

#### NARRATIVE SUMMARY

MONTH: August 1994

Oconee Unit 2 began the month of August in an outage to repair '2A' steam generator tube leak. The unit was placed on-line 08/08/94 at 1121. During power escalation the unit held at 33% power from 1315 to 1330 to evaluate core power tilt. The unit held at 60% power from 1833 to 1848 for nuclear instrumentation calibration check. The unit returned to 100% full power on 08/09/94 at 0428. The unit operated the remainder of the month at or near 100% full power.

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 2
2. Scheduled next refueling shutdown: October 1994
3. Scheduled restart following refueling: November 1994

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 licence 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: 962 \*  
(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: September 15, 1994

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 60 modules (1440 spaces). Additional modules will be built on an as needed basis.

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

OPERATING DATA REPORT

DOCKET NO 50-287

DATE September 15, 1994

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Oconee 3
2. Reporting Period: August 1, 1994-August 31, 1994
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	5831.0	172775.0
12. Number Of Hours Reactor Was Critical	693.6	3906.7	133097.6
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	684.8	3853.3	131307.4
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1691808	9675624	326015313
17. Gross Electrical Energy Generated (MWH)	580275	3345044	112465304
18. Net Electrical Energy Generated (MWH)	551466	3177548	107255318
19. Unit Service Factor	92.0	66.1	76.0
20. Unit Availability Factor	92.0	66.1	76.0
21. Unit Capacity Factor (Using MDC Net)	87.6	64.4	72.5
22. Unit Capacity Factor (Using DER Net)	83.7	61.5	70.0
23. Unit Forced Outage Rate	8.0	13.9	10.5
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 50-287  
 UNIT Oconee 3  
 DATE September 15, 1994  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH August, 1994

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>793</u>	17	<u>844</u>
2	<u>799</u>	18	<u>844</u>
3	<u>847</u>	19	<u>845</u>
4	<u>847</u>	20	<u>846</u>
5	<u>846</u>	21	<u>846</u>
6	<u>847</u>	22	<u>846</u>
7	<u>847</u>	23	<u>846</u>
8	<u>846</u>	24	<u>846</u>
9	<u>846</u>	25	<u>845</u>
10	<u>126</u>	26	<u>845</u>
11	<u>4</u>	27	<u>845</u>
12	<u>24</u>	28	<u>845</u>
13	<u>244</u>	29	<u>844</u>
14	<u>724</u>	30	<u>844</u>
15	<u>837</u>	31	<u>827</u>
16	<u>845</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August 1994

DOCKET NO. 50-287  
 UNIT NAME OCONEE 3  
 DATE 09/15/94  
 COMPLETED BY R. A. Williams  
 TELEPHONE (704)-382-5346

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
5	94- 8-10	F	36.95	A	3		EC	XXXXXX	REACTOR TRIP DUE TO BLOWN FUSE ON KI INVERTER
6	94- 8-12	F	22.30	A	3		HH	PUMPXX	(REACTOR TRIP) '3B' MAIN FEEDWATER PUMP TRIPPED
6-P	94- 8-13	F	--	A	--		HH	PUMPXX	INVESTIGATE '3B' MAIN FEEDWATER 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 Licensee  
 Event Report (LER)  
 File (NUREG-0161)

- (5)  
 Exhibit I - Same Source

DOCKET: 50-287

UNIT: Oconee 3

Date: 09/15/94

#### NARRATIVE SUMMARY

MONTH: August 1994

Oconee Unit 3 began the month of August operating at 100% full power. On 08/10/94 at 0426 an automatic reactor tripped occurred due to blown fuse on KI inverter. On 08/11/94 at 1723 the unit was placed on-line. The unit experienced an automatic reactor trip on 08/12/94 at 0448 due to '3B' main feedwater pump trip. The unit was placed on-line 08/13/94 at 0306. During power escalation, the unit held at 61% power from 2210 to 08/14/94 at 0050 to investigate '3B' main feedwater pump. The unit returned to 100% full power on 08/14/94 at 1431. The unit operated the remainder of the month at or near 100% full power.

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee, Unit 3
2. Scheduled next refueling shutdown: June 1995
3. Scheduled restart following refueling: August 1995

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 licence 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: 528  
(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: September 15, 1994

Name of Contact: R. A. Williams

Phone: (704)-382-5346

\*\* See footnote on Unit 1

\*\*\* This date is based on 88 Dry Storage Modules. We currently have 60 modules (1440 spaces). Additional modules will be built on an as needed basis.

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