

Operating Data Report

Docket No.	50-269
Date	August 12, 1999
Completed By	Roger Williams
Telephone	704-382-5346

Operating Status

1. Unit Name: Oconee 1
2. Reporting Period: July 1, 1999 - July 31, 1999
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 Occured in Capacity Ratings (Items Number 3-7) 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	YTD	Cumulative
11. Hours in Reporting Period	744.0	5087.0	228288.0
12. Number of Hours Reactor was Critical	580.4	3917.5	176224.6
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	460.0	3795.2	173025.3
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1155600	9678074	426184678
17. Gross Electrical Energy Generated (MWH)	387032	3367751	147291511
18. Net Electrical Energy Generated (MWH)	361175	3209460	139993721
19. Unit Service Factor	61.8	74.6	75.8
20. Unit Availability Factor	61.8	74.6	75.8
21. Unit Capacity Factor (Using MDC Net)	57.4	74.6	71.7
22. Unit Capacity Factor (Using DER Net)	54.8	71.2	69.2
23. Unit Forced Outage Rate	31.4	5.3	10.1
24. Shutdown Scheduled Over Next 6 Months (Type, Date and Duration of Each)			

25. If ShutDown 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

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 PDR ADOCK 05000269
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UNIT SHUTDOWNS

DOCKET NO. 50-269
UNIT NAME: Oconee 1
DATE: August 12, 1999
COMPLETED BY: Roger Williams
TELEPHONE: 704-382-5346

REPORT MONTH: July, 1999

No.	Date:	Type F - Forced S - Scheduled	Duration Hours	(1) Reason	(2) Method of Shutdown R/X	Licensed Event Report No.	Cause and Corrective Action to Prevent Recurrence
1	07/01/99	S	72.17	C	4		END-OF-CYCLE 18 REFUELING OUTAGE
2	07/04/99	F	46.00	A	4		1.92 DAY OUTAGE DELAY DUE TO POLAR CRANE REPAIRS
3	07/05/99	F	13.00	A	4		0.54 DAY OUTAGE DELAY DUE TO (1LP20) LOW PRESSURE INJECTION VALVE REPAIR
4	07/06/99	F	14.08	A	4		0.59 DAY OUTAGE DELAY DUE TO (1B1) REACTOR COOLANT PUMP REPAIR
5	07/07/99	F	46.02	A	3		1.92 DAY OUTAGE DELAY WAS DUE TO A REACTOR TRIP CAUSED BY THE LOSS OF MAIN FEEDWATER
6	07/09/99	F	91.65	A	--		TURBINE/GENERATOR HIGH VIBRATION

Summary:

Oconee Unit 1 began the month in end-of-cycle 18 refueling outage. The end-of-cycle 18 refueling outage spanned 49.96 days. The refueling outage was delayed for the following reasons; 1.92 day outage delay due to polar crane repairs, 0.54 day outage delay due to (1LP20) low pressure injection valve repair, 0.59 day outage delay due to (1B1) reactor coolant pump repair, and 1.92 day outage delay was due to a reactor trip caused by the loss of main feedwater. The unit was placed on-line 07/08/99 at 2316 holding at 18% power to perform the turbine overspeed trip test. On 07/09/99 at 0058 the unit began decreasing power and the unit was taken off-line at 0115 due to turbine/generator high vibrations. The unit was placed on-line 07/12/99 at 2054. The unit increased power to 18% and performed the turbine overspeed trip test on 07/13/99 at 0100. The unit was placed on-line at 0205 and resumed power escalation and held at 25% power due to integrated control system tuning (**Cont'd Page 2**)

(1) 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)

(2) Method

- 1 - Manual
- 2 - Manual Trip/Scram
- 3 - Automatic Trip/Scram
- 4 - Continuation
- 5 - Other (Explain)

UNIT SHUTDOWNS

DOCKET NO. 50-269

UNIT NAME: Oconee 1

DATE: August 12, 1999

COMPLETED BY: Roger Williams

TELEPHONE: 704-382-5346

REPORT MONTH: July, 1999

No.	Date:	Type F - Forced S - Scheduled	Duration Hours	(1) Reason	(2) Method of Shutdown R/X	Licensed Event Report No.	Cause and Corrective Action to Prevent Recurrence
7	07/13/99	S	1.08	B	--		TURBINE OVERSPEED TRIP TEST

Summary:

(Cont'd From Page 1) from 0338 to 0520. The unit held at 40% power from 0615 to 0920 to place 1d1 heater drain pump inservice. The unit held at 50% power from 1213 to 1312 to place 1B condensate booster pump inservice. During power escalation, the unit held at 68% power from 1949 to 2058 and at 70% power from 2227 to 2308 for nuclear instrumentation calibration. The unit held at 73% power on 07/14/99 from 0045 to 1656 and on 07/15/99 from 0009 to 0413 due to integrated control system tuning. The unit returned to 100% full power on 07/15/99 at 0740 and operated at or near 100% full power until 07/17/99 at 1306 when the decreased to 95% power and held from 1327 to 1426 due to control rod drive movement performance testing. The unit returned to 100% full power on 07/17/99 at 1647 and operated at or near 100% full power the remainder of the month.

(1) 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)

(2) Method

- 1 - Manual
- 2 - Manual Trip/Scram
- 3 - Automatic Trip/Scram
- 4 - Continuation
- 5 - Other (Explain)

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 1
2. Scheduled next refueling shutdown: December, 2000
3. Scheduled restart following refueling: January, 2001

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: 1058*
(c) in the ISFSI: 1056****
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: March 2013***

DUKE POWER COMPANY

DATE: August 12, 1999

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

* Represents the combined total for Units 1 and 2

** On March 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

● Operating Data Report ●

Docket No.	50-270
Date	August 12, 1999
Completed By	Roger Williams
Telephone	704-382-5346

Operating Status

1. Unit Name: Oconee 2
2. Reporting Period: July 1, 1999 - July 31, 1999
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 Occured in Capacity Ratings (Items Number 3-7) 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	YTD	Cumulative
11. Hours in Reporting Period	744.0	5087.0	218208.0
12. Number of Hours Reactor was Critical	744.0	4879.3	173921.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	4849.2	171605.3
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1909976	22066106	431466650
17. Gross Electrical Energy Generated (MWH)	665392	4342328	144709259
18. Net Electrical Energy Generated (MWH)	636221	4152822	137827120
19. Unit Service Factor	100.0	95.3	78.6
20. Unit Availability Factor	100.0	95.3	78.6
21. Unit Capacity Factor (Using MDC Net)	101.1	96.5	73.9
22. Unit Capacity Factor (Using DER Net)	96.5	92.1	71.3
23. Unit Forced Outage Rate	0.0	4.7	9.8
24. Shutdown Scheduled Over Next 6 Months (Type, Date and Duration of Each)			

25. If ShutDown 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

UNIT SHUTDOWNS

DOCKET NO. 50-270

UNIT NAME: Oconee 2

DATE: August 12, 1999

COMPLETED BY: Roger Williams

TELEPHONE: 704-382-5346

REPORT MONTH: July, 1999

No.	Date:	Type F - Forced S - Scheduled	Duration Hours	(1) Reason	(2) Method of Shutdown R/X	Licensed Event Report No.	Cause and Corrective Action to Prevent Recurrence
			No	Outages	for the Month		

Summary:

(1) Reason

- | | |
|---------------------------------|---|
| A - Equipment failure (Explain) | E - Operator Training/License Examination |
| B - Maintenance or Test | F - Administrative |
| C - Refueling | G - Operator Error (Explain) |
| D - Regulatory restriction | H - Other (Explain) |

(2) Method

- | | |
|--------------------------|-----------------------|
| 1 - Manual | 2 - Manual Trip/Scram |
| 3 - Automatic Trip/Scram | 4 - Continuation |
| 5 - Other (Explain) | |

Operating Data Report

Docket No.	50-287
Date	August 12, 1999
Completed By	Roger Williams
Telephone	704-382-5346

Operating Status

1. Unit Name: Oconee 3
2. Reporting Period: July 1, 1999 - July 31, 1999
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 Occured in Capacity Ratings (Items Number 3-7) 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	YTD	Cumulative
11. Hours in Reporting Period	744.0	5087.0	215855.0
12. Number of Hours Reactor was Critical	744.0	5017.9	168379.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	5003.4	165958.2
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1909976	34840572	435868800
17. Gross Electrical Energy Generated (MWH)	665689	4483660	143000701
18. Net Electrical Energy Generated (MWH)	636873	4294394	136387045
19. Unit Service Factor	100.0	98.4	76.9
20. Unit Availability Factor	100.0	98.4	76.9
21. Unit Capacity Factor (Using MDC Net)	101.2	99.8	74.0
22. Unit Capacity Factor (Using DER Net)	96.6	95.3	71.3
23. Unit Forced Outage Rate	0.0	0.7	10.2
24. Shutdown Scheduled Over Next 6 Months (Type, Date and Duration of Each)			

25. If ShutDown 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

UNIT SHUTDOWNS

DOCKET NO. 50-287

UNIT NAME: Oconee 3

DATE: August 12, 1999

COMPLETED BY: Roger Williams

TELEPHONE: 704-382-5346

REPORT MONTH: July, 1999

No.	Date:	Type F - Forced S - Scheduled	Duration Hours	(1) Reason	(2) Method of Shutdown R/X	Licensed Event Report No.	Cause and Corrective Action to Prevent Recurrence
			No	Outages	for the Month		

Summary:

(1) 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)

(2) Method

- 1 - Manual
- 2 - Manual Trip/Scram
- 3 - Automatic Trip/Scram
- 4 - Continuation
- 5 - Other (Explain)

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 3
2. Scheduled next refueling shutdown: April 2000
3. Scheduled restart following refueling: May 2000

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: 612
(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 license capacity: July 2014***

DUKE POWER COMPANY

DATE: August 12, 1999

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