



Duke Power Company
A Duke Energy Company
Energy Center
P.O. Box 1006
Charlotte, NC 28201-1006

October 11, 2000

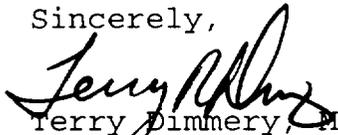
U.S Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

Subject: Duke Energy Corporation
Oconee Nuclear Station, Units 1, 2, and 3
Docket Numbers 50-269, 50-270 and 50-287
Monthly Performance and Operation Status-September, 2000

Please find attached information concerning the performance and operation status of the Oconee Nuclear Station for the month of September, 2000.

Any questions or comments September be directed to Roger A. Williams at (704) 382-5346.

Sincerely,


Terry Dimmery, Manager
Nuclear Business Support

Attachment
XC:

L. A. Reyes, Regional Administrator
USNRC, Region II

Dave LaBarge, Project Manager
USNRC, ONRR

INPO Records Center

Ms. Margaret Aucoin
Nuclear Assurance Corporation

Dottie Sherman, ANI Library
American Nuclear Insurers

Oconee NRC Inspector

IE24

Document Control Desk
U.S. NRC - Ocone

bxc:

L. E. Nicholson (ON03RC)
RGC Site Licensing File
ELL (EC050)

Operating Data Report

Docket No.	50-269
Date	October 11, 2000
Completed By	Roger Williams
Telephone	704-382-5346

Operating Status

1. Unit Name: Oconee 1
2. Reporting Period: September 1, 2000 - September 30, 2000
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	720.0	6575.0	238536.0
12. Number of Hours Reactor was Critical	720.0	6193.5	186021.7
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	6171.7	182785.3
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1754047	15739581	451062435
17. Gross Electrical Energy Generated (MWH)	600281	5475476	155911566
18. Net Electrical Energy Generated (MWH)	571816	5230474	148224510
19. Unit Service Factor	100.0	93.9	76.6
20. Unit Availability Factor	100.0	93.9	76.6
21. Unit Capacity Factor (Using MDC Net)	93.9	94.0	72.7
22. Unit Capacity Factor (Using DER Net)	89.6	89.8	70.1
23. Unit Forced Outage Rate	0.0	6.1	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. 50-269
UNIT NAME: Oconee 1
DATE: October 11, 2000
COMPLETED BY: Roger Williams
TELEPHONE: 704-382-5346

REPORT MONTH: September, 2000

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)

Operating Data Report

Docket No.	50-270
Date	October 11, 2000
Completed By	Roger Williams
Telephone	704-382-5346

Operating Status

1. Unit Name: Oconee 2
2. Reporting Period: September 1, 2000 - September 30, 2000
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	720.0	6575.0	228456.0
12. Number of Hours Reactor was Critical	720.0	6575.0	183132.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	6575.0	180706.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1840332	32531837	460756643
17. Gross Electrical Energy Generated (MWH)	632066	5851895	152778238
18. Net Electrical Energy Generated (MWH)	604006	5605996	145537896
19. Unit Service Factor	100.0	100.0	79.1
20. Unit Availability Factor	100.0	100.0	79.1
21. Unit Capacity Factor (Using MDC Net)	99.2	100.8	74.6
22. Unit Capacity Factor (Using DER Net)	94.7	96.2	71.9
23. Unit Forced Outage Rate	0.0	0.0	9.4
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: October 11, 2000

COMPLETED BY: Roger Williams

TELEPHONE: 704-382-5346

REPORT MONTH: September, 2000

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)

Operating Data Report

Docket No.	<u>50-287</u>
Date	<u>October 11, 2000</u>
Completed By	<u>Roger Williams</u>
Telephone	<u>704-382-5346</u>

Operating Status

1. Unit Name: Oconee 3
2. Reporting Period: September 1, 2000 - September 30, 2000
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	720.0	6575.0	226103.0
12. Number of Hours Reactor was Critical	720.0	5685.7	177737.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	5521.7	175152.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1848960	46591330	469654232
17. Gross Electrical Energy Generated (MWH)	637542	4902449	151119576
18. Net Electrical Energy Generated (MWH)	609602	4680610	144142801
19. Unit Service Factor	100.0	84.0	77.5
20. Unit Availability Factor	100.0	84.0	77.5
21. Unit Capacity Factor (Using MDC Net)	100.1	84.1	74.7
22. Unit Capacity Factor (Using DER Net)	95.6	80.3	72.0
23. Unit Forced Outage Rate	0.0	2.1	9.7
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: October 11, 2000

COMPLETED BY: Roger Williams

TELEPHONE: 704-382-5346

REPORT MONTH: September, 2000

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)

OCONEE NUCLEAR STATION

MONTHLY OPERATING STATUS REPORT

AUGUST 2000

1. Personnel Exposure -

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