



Duke Power

526 South Church Street
P.O. Box 1006
Charlotte, NC 28201-1006

November 15, 2001

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-October, 2001

Please find attached information concerning the performance and operation status of the Oconee Nuclear Station for the month of October, 2001.

Any questions or comments may 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

IE 24.

Rec'd
01/31/02

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	November 15, 2001
Completed By	Roger Williams
Telephone	704-382-5346

Operating Status

1. Unit Name: Oconee 1
2. Reporting Period: October 1, 2001 - October 31, 2001
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	745.0	7296.0	248041.0
12. Number of Hours Reactor was Critical	745.0	6952.4	194249.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	745.0	6747.6	190807.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1929698	17233539	471565551
17. Gross Electrical Energy Generated (MWH)	666359	5972080	163017644
18. Net Electrical Energy Generated (MWH)	636880	5699545	155003516
19. Unit Service Factor	100.0	92.5	76.9
20. Unit Availability Factor	100.0	92.5	76.9
21. Unit Capacity Factor (Using MDC Net)	101.0	92.3	73.2
22. Unit Capacity Factor (Using DER Net)	96.5	88.2	70.5
23. Unit Forced Outage Rate	0.0	6.9	9.6
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. 50-269UNIT NAME: Oconee 1DATE: November 15, 2001COMPLETED BY: Roger WilliamsTELEPHONE: 704-382-5346REPORT MONTH: October, 2001

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

3 - Automatic Trip/Scram

5 - Other (Explain)

2 - Manual Trip/Scram

4 - Continuation

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 1
2. Scheduled next refueling shutdown: March 2002
3. Scheduled restart following refueling: April 2002

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: 998*
 (c) in the ISFSI: 1488****
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 capacity: January 2005***

DUKE POWER COMPANY

DATE: November 15, 2001

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

*** We currently have 60 modules of which 49 modules are loaded.
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 November 15, 2001
Completed By Roger Williams
Telephone 704-382-5346

Operating Status

1. Unit Name: Oconee 2
2. Reporting Period: October 1, 2001 - October 31, 2001
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	745.0	7296.0	237961.0
12. Number of Hours Reactor was Critical	745.0	6510.1	191851.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	729.2	6383.3	189298.8
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1868066	33535202	484227338
17. Gross Electrical Energy Generated (MWH)	646944	5674608	160431472
18. Net Electrical Energy Generated (MWH)	618165	5424829	152856244
19. Unit Service Factor	97.9	87.5	79.6
20. Unit Availability Factor	97.9	87.5	79.6
21. Unit Capacity Factor (Using MDC Net)	98.1	87.9	75.2
22. Unit Capacity Factor (Using DER Net)	93.7	83.9	72.5
23. Unit Forced Outage Rate	0.0	0.0	9.0
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: November 15, 2001

COMPLETED BY: Roger Williams

TELEPHONE: 704-382-5346

REPORT MONTH: October, 2001

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
3	10/01/01	S	15.77	A	4		REPAIR GENERATOR PHASE BUS DISCONNECTS

Summary:

Oconee unit 1 began the month of October in and outage due to generator bus disconnect switch fault. The unit was placed on-line 10/01/01 at 1546. During power escalation, the unit held at 73% power on 10/01/01 from 2206 to 10/02/01 at 0011 to monitor phase bus disconnect temperature. The unit held at 90% power on 10/02/01 at 0037 to 0052 due to nuclear instrumentation calibration. The unit returned to 100% power on 10/02/01 at 0248 and operated at or near 100% full power the remainder of the month.

(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) | |

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 2
2. Scheduled next refueling shutdown: October, 2002
3. Scheduled restart following refueling: November, 2002

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: 998*
 (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 capacity: January 2005***

DUKE POWER COMPANY

DATE: November 15, 2001

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

* Represents the combined total for Units 1 and 2

** See footnote on Unit 1

*** We currently have 60 modules of which 49 modules are loaded.
Additional modules will be built on an as needed basis.

**** See footnote on Unit 1

Operating Data Report

Docket No. 50-287
Date November 15, 2001
Completed By Roger Williams
Telephone 704-382-5346

Operating Status

1. Unit Name: Oconee 3
2. Reporting Period: October 1, 2001 - October 31, 2001
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	745.0	7296.0	235608.0
12. Number of Hours Reactor was Critical	745.0	5736.4	185683.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	745.0	5708.6	183070.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1927849	48113019	490904942
17. Gross Electrical Energy Generated (MWH)	666661	5084381	158185268
18. Net Electrical Energy Generated (MWH)	637676	4857463	150897498
19. Unit Service Factor	100.0	78.2	77.7
20. Unit Availability Factor	100.0	78.2	77.7
21. Unit Capacity Factor (Using MDC Net)	101.2	78.7	75.0
22. Unit Capacity Factor (Using DER Net)	96.6	75.1	72.3
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. 50-287

UNIT NAME: Oconee 3

DATE: November 15, 2001

COMPLETED BY: Roger Williams

TELEPHONE: 704-382-5346

REPORT MONTH: October, 2001

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: November 2001
3. Scheduled restart following refueling: December 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: <u>177</u>
(b)	in the spent fuel pool: <u>480</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 capacity: January 2005***

DUKE POWER COMPANY

DATE: November 15, 2001

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

** See footnote of Unit 1

*** We currently have 60 modules of which 49 modules are loaded.
Additional modules will be built on an as needed basis.

**** See footnote on Unit 1

OCONEE NUCLEAR STATION

MONTHLY OPERATING STATUS REPORT

SEPTEMBER 2001

1. Personnel Exposure -

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