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January 13, 2005

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

Subject: Duke Energy Corporation
Oconee Nuclear Station, Docket Nos. 50-269, -270, -287
McGuire Nuclear Station, Docket Nos. 50-369, -370
Catawba Nuclear Station, Docket Nos. 50-413, -414
Monthly Performance and Operation Status – December 2004

Please find attached information concerning the performance and operation status of the Oconee, McGuire and Catawba Nuclear Stations for the month of December 2004.

Please direct any questions or comments to Roger A. Williams at (704) 382-5346.



Henry B. Barron

Attachment

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xc: W. D. Travers, Regional Administrator
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M. Shannon, Senior Resident Inspector, Oconee Nuclear Station
J. Brady, Senior Resident Inspector, McGuire Nuclear Station
E. Guthrie, Senior Resident Inspector, Catawba Nuclear Station

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bx: R. L. Gill – EC05P
B. G. Davenport - ON03RC
C. J. Thomas - MG01RC
L. A. Keller – CN01RC
R. A. Williams - ECO5Z (2 copies)
L. B. Jones – EC05P
Catawba Date File - CN01RC (Attn: Jill Ferguson)
North Carolina Municipal Power
Piedmont Municipal Power Agency
North Carolina Electric Membership Corp.
Saluda River Electric
Oconee File 801.01 - ON03DM
McGuire File 801.01 - MG01DM
Catawba File 801.01 - CN04DM
ELL - EC05O

Operating Data Report

Docket No. 50-269
 Date January 13, 2005
 Completed By Roger Williams
 Telephone 704-382-5346

Operating Status

1. Unit Name: Oconee 1
 2. Reporting Period: December 1, 2004 - December 31, 2004
 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	8784.0	275809.0
12. Number of Hours Reactor was Critical	744.0	8673.6	218582.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	8549.7	214897.8
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1909359	21815879	532739625
17. Gross Electrical Energy Generated (MWH)	668833	7593415	184342528
18. Net Electrical Energy Generated (MWH)	640566	7260233	175379258
19. Unit Service Factor	100.0	97.3	77.9
20. Unit Availability Factor	100.0	97.3	77.9
21. Unit Capacity Factor (Using MDC Net)	101.8	97.7	74.5
22. Unit Capacity Factor (Using DER Net)	97.2	93.3	71.8
23. Unit Forced Outage Rate	0.0	2.1	8.9
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: January 13, 2005

COMPLETED BY: Roger Williams

TELEPHONE: 704-382-5346

REPORT MONTH: December, 2004

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 1
2. Scheduled next refueling shutdown: April 2005
3. Scheduled restart following refueling: May 2005

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: 926*
(c) in the ISFSI: 1968**
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: January 13, 2005

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 site specific license for ISFSI which will store 2112 assemblies (88 modules). Forty (40) site specific modules were constructed and loaded.

*** In 1999 Oconee transitioned to its general license. Forty-four (44) general license modules were installed and 30 modules have now been loaded.
Additional modules will be installed on an as-needed basis.

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

Operating Data Report

Docket No.	<u>50-270</u>
Date	<u>January 13, 2005</u>
Completed By	<u>Roger Williams</u>
Telephone	<u>704-382-5346</u>

Operating Status

- | | |
|---|--------------------------------------|
| 1. Unit Name: | Oconee 2 |
| 2. Reporting Period: | December 1, 2004 - December 31, 2004 |
| 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	8784.0	265729.0
12. Number of Hours Reactor was Critical	744.0	6745.6	216591.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	6652.9	213919.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1910592	16896413	529941334
17. Gross Electrical Energy Generated (MWH)	673600	5938176	182488101
18. Net Electrical Energy Generated (MWH)	646077	5669999	173965037
19. Unit Service Factor	100.0	75.7	80.5
20. Unit Availability Factor	100.0	75.7	80.5
21. Unit Capacity Factor (Using MDC Net)	102.6	76.3	76.8
22. Unit Capacity Factor (Using DER Net)	98.0	72.9	73.9
23. Unit Forced Outage Rate	0.0	3.4	8.1
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

UNIT SHUTDOWNS

DOCKET NO. 50-270

UNIT NAME: Oconee 2

DATE: January 13, 2005

COMPLETED BY: Roger Williams

TELEPHONE: 704-382-5346

REPORT MONTH: December, 2004

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 2
2. Scheduled next refueling shutdown: October, 2005
3. Scheduled restart following refueling: November, 2005

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: 926*
 (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: January 13, 2005

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

* Represents the combined total for Units 1 and 2

** See footnote on Unit 1

*** In 1999 Oconee transitioned to its general license. Forty-four (44) general license modules were installed and 30 modules have now been loaded. Additional modules will be installed on an as-needed basis.

**** See footnote on Unit 1

Operating Data Report

Docket No. 50-287
 Date January 13, 2005
 Completed By Roger Williams
 Telephone 704-382-5346

Operating Status

1. Unit Name: Oconee 3
 2. Reporting Period: December 1, 2004 - December 31, 2004
 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	8784.0	263376.0
12. Number of Hours Reactor was Critical	19.2	6753.5	209373.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	0.0	6699.4	206573.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	111	17141203	517316955
17. Gross Electrical Energy Generated (MWH)	0	5999455	179156631
18. Net Electrical Energy Generated (MWH)	0	5737263	170951940
19. Unit Service Factor	0.0	76.3	78.4
20. Unit Availability Factor	0.0	76.3	78.4
21. Unit Capacity Factor (Using MDC Net)	0.0	77.2	76.1
22. Unit Capacity Factor (Using DER Net)	0.0	73.7	73.3
23. Unit Forced Outage Rate	0.0	1.0	8.7
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. 50-287UNIT NAME: Oconee 3DATE: January 13, 2005COMPLETED BY: Roger WilliamsTELEPHONE: 704-382-5346REPORT MONTH: December, 2004

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	12/01/04	S	645.90	C	4		END-OF-CYCLE 21 REFUELING AND STEAM GENERATOR REPLACEMENT OUTAGE
4	12/27/04	S	98.10	A	1		OUTAGE EXTENDED DUE TO CORE RELOAD PROBLEMS

Summary:

Oconee unit 3 began the month of December in an outage due to end-of-cycle 21 refueling and steam generator replacement. On 12/27/04 at 2154 the outage was extended due to core reload problems. The unit remained in the outage for 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

3 - Automatic Trip/Scram

5 - Other (Explain)

2 - Manual Trip/Scram

4 - Continuation

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 3
2. Scheduled next refueling shutdown: October 2004
3. Scheduled restart following refueling: January 2005

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: 484
 (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 capacity: January 2005***

DUKE POWER COMPANY

DATE: January 13, 2005

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

** See footnote of Unit 1

*** In 1999 Oconee transitioned to its general license. Forty-four (44) general license modules were installed and 30 modules have now been loaded.
Additional modules will be installed on an as-needed basis.

**** See footnote on Unit 1

OCONEE NUCLEAR STATION

MONTHLY OPERATING STATUS REPORT

NOVEMBER 2004

1. Personnel Exposure -

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

Operating Data Report

Docket No.	<u>50-369</u>
Date	<u>January 13, 2005</u>
Completed By	<u>Roger Williams</u>
Telephone	<u>704-382-5346</u>

Operating Status

1. Unit Name: McGuire 1
2. Reporting Period: December 1, 2004 - December 31, 2004
3. Licensed Thermal Power (MWt): 3411
4. Nameplate Rating (Gross MWe): 1305 *
5. Design Electrical Rating (Net Mwe): 1180
6. Maximum Dependable Capacity (Gross MWe): 1144
7. Maximum Dependable Capacity (Net MWe): 1100
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons:

Notes: *Nameplate Rating (GrossMWe) calculated as 1450.000 MVA * .90 power factor per Page iii, NUREG-0020.

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	8784.0	202368.0
12. Number of Hours Reactor was Critical	744.0	7346.6	159132.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	7322.5	157807.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2535372	24778310	511423122
17. Gross Electrical Energy Generated (MWH)	890057	8567446	176351641
18. Net Electrical Energy Generated (MWH)	860199	8238510	169066821
19. Unit Service Factor	100.0	83.4	78.0
20. Unit Availability Factor	100.0	83.4	78.0
21. Unit Capacity Factor (Using MDC Net)	105.1	85.3	73.9
22. Unit Capacity Factor (Using DER Net)	98.0	79.5	70.8
23. Unit Forced Outage Rate	0.0	7.7	8.8
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	_____	_____

UNIT SHUTDOWNS

DOCKET NO. 50-369UNIT NAME: McGuire 1DATE: January 13, 2005COMPLETED BY: Roger WilliamsTELEPHONE: 704-382-5346REPORT MONTH: December, 2004

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

Operating Data Report

Docket No. 50-370
 Date January 13, 2005
 Completed By Roger Williams
 Telephone 704-382-5346

Operating Status

1. Unit Name: McGuire 2
2. Reporting Period: December 1, 2004 - December 31, 2004
3. Licensed Thermal Power (MWt): 3411
4. Nameplate Rating (Gross MWe): 1305 *
5. Design Electrical Rating (Net Mwe): 1180
6. Maximum Dependable Capacity (Gross MWe): 1144
7. Maximum Dependable Capacity (Net MWe): 1100
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons:

Notes: *Nameplate Rating (GrossMWe) calculated as 1450.000 MVA * .90 power factor per Page iii, NUREG-0020.

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	8784.0	182664.0
12. Number of Hours Reactor was Critical	744.0	8784.0	152624.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	8784.0	151341.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2532723	29929436	501131310
17. Gross Electrical Energy Generated (MWH)	886670	10363352	174289789
18. Net Electrical Energy Generated (MWH)	856257	9994025	167404627
19. Unit Service Factor	100.0	100.0	82.9
20. Unit Availability Factor	100.0	100.0	82.9
21. Unit Capacity Factor (Using MDC Net)	104.6	103.4	81.4
22. Unit Capacity Factor (Using DER Net)	97.5	96.4	77.7
23. Unit Forced Outage Rate	0.0	0.0	5.0
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	_____	_____

UNIT SHUTDOWNS

DOCKET NO. 50-370UNIT NAME: McGuire 2DATE: January 13, 2005COMPLETED BY: Roger WilliamsTELEPHONE: 704-382-5346REPORT MONTH: December, 2004

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: McGuire Unit 2
2. Scheduled next refueling shutdown: March 2005
3. Scheduled restart following refueling: April 2005

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: 193
 (b) in the spent fuel pool: 1114
 (c) in the ISFSI: 344
8. Present licensed fuel pool capacity: 1463
Size of requested or planned increase: ---
9. Projected date of last refueling which can be accommodated by present license capacity:
June 2003

DUKE POWER COMPANY

DATE: January 13, 2005

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

McGUIRE NUCLEAR STATION

MONTHLY OPERATING STATUS REPORT

NOVEMBER 2004

1. Personnel Exposure -

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

Operating Data Report

Docket No. 50-413
 Date January 13, 2005
 Completed By Roger Williams
 Telephone 704-382-5346

Operating Status

1. Unit Name: Catawba 1
 2. Reporting Period: December 1, 2004 - December 31, 2004
 3. Licensed Thermal Power (MWt): 3411
 4. Nameplate Rating (Gross MWe): 1305 *
 5. Design Electrical Rating (Net Mwe): 1145
 6. Maximum Dependable Capacity (Gross MWe): 1192
 7. Maximum Dependable Capacity (Net MWe): 1129
 8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons:

Notes: *Nameplate Rating (GrossMWe) calculated as 1450.000 MVA * .90 power factor per Page iii, NUREG-0020.

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	8784.0	171025.0
12. Number of Hours Reactor was Critical	714.6	8644.7	143234.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	709.3	8609.0	141369.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2399558	28724154	467916320
17. Gross Electrical Energy Generated (MWH)	863417	10248433	166148866
18. Net Electrical Energy Generated (MWH)	819584	9711073	156786679
19. Unit Service Factor	95.3	98.0	82.7
20. Unit Availability Factor	95.3	98.0	82.7
21. Unit Capacity Factor (Using MDC Net)	97.6	97.9	81.1
22. Unit Capacity Factor (Using DER Net)	96.2	96.6	80.1
23. Unit Forced Outage Rate	4.7	2.0	5.5
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	_____	_____

UNIT SHUTDOWNS

DOCKET NO. 50-413UNIT NAME: Catawba 1DATE: January 13, 2005COMPLETED BY: Roger WilliamsTELEPHONE: 704-382-5346REPORT MONTH: December, 2004

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
4	12/05/04	F	34.73	A	3		REACTOR/TURBINE TRIP DUE TO HIGH LEVEL IN 1B MOISTURE SEPARATOR REHEATER

Summary:

Catawba unit 1 began the month of December operating at or near 100% full power. On 12/05/04 at 2133 an automatic reactor/turbine trip occurred due to high level in 1B moisture separator reheater. The unit was placed on-line 12/07/04 at 0817. During power escalation, the unit held at 17% power from 0912 to 0930 due to main feedwater nozzle swap. The unit held at 52% power from 1332 to 1425 to place second main feedwater pump in service. On 12/07/04 from 1735 to 1817 the unit held at 82% power to perform main turbine control valve movement performance test. The unit returned to 100% full power on 12/07/04 at 2124 and operated at or 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: Catawba Unit 1
2. Scheduled next refueling shutdown: May 2005
3. Scheduled restart following refueling: June 2005

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: 193
(b) in the spent fuel pool: 1021
8. Present licensed fuel pool capacity: 1418
Size of requested or planned increase: ---
9. Projected date of last refueling which can be accommodated by present license capacity:
November 2009

DUKE POWER COMPANY

DATE: January 13, 2005

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

Operating Data Report

Docket No. 50-414
 Date January 13, 2005
 Completed By Roger Williams
 Telephone 704-382-5346

Operating Status

1. Unit Name: Catawba 2
2. Reporting Period: December 1, 2004 - December 31, 2004
3. Licensed Thermal Power (MWt): 3411
4. Nameplate Rating (Gross MWe): 1305 *
5. Design Electrical Rating (Net Mwe): 1145
6. Maximum Dependable Capacity (Gross MWe): 1192
7. Maximum Dependable Capacity(Net MWe): 1129
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons:

Notes: *Nameplate Rating (GrossMWe) calculated as 1450.000 MVA * .90 power factor per Page iii, NUREG-0020.

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	8784.0	161041.0
12. Number of Hours Reactor was Critical	744.0	7698.4	135651.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	7673.8	134171.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2533478	26001800	442356469
17. Gross Electrical Energy Generated (MWH)	913443	9309362	157770636
18. Net Electrical Energy Generated (MWH)	868778	8835736	149138716
19. Unit Service Factor	100.0	87.4	83.3
20. Unit Availability Factor	100.0	87.4	83.3
21. Unit Capacity Factor (Using MDC Net)	103.4	89.1	81.9
22. Unit Capacity Factor (Using DER Net)	102.0	87.9	80.9
23. Unit Forced Outage Rate	0.0	0.8	6.2
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	_____	_____

UNIT SHUTDOWNS

DOCKET NO. 50-414
UNIT NAME: Catawba 2
DATE: January 13, 2005
COMPLETED BY: Roger Williams
TELEPHONE: 704-382-5346

REPORT MONTH: December, 2004

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)

CATAWBA NUCLEAR STATION

MONTHLY OPERATING STATUS REPORT

NOVEMBER 2004

1. Personnel Exposure -

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