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July 14, 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 – June 2005

Please find attached information concerning the performance and operation status of the Oconee, McGuire and Catawba Nuclear Stations for the month of June 2005.

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

FOR

James R. Morris

Attachment

JE24

**U.S. Nuclear Regulatory Commission  
Monthly Performance and Operation Status  
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**xc: W. D. Travers, Regional Administrator  
U.S. Nuclear Regulatory Commission  
Sam Nunn Atlanta Federal Center  
61 Forsythe Street SW, Suite 23T85  
Atlanta, GA 30303-8931**

**L. N. Olshan, Senior Project Manager (ONS)  
U.S. Nuclear Regulatory Commission  
11555 Rockville Pike Mail Stop O-8 G9A  
Rockville, MD 20852-2738**

**S. E. Peters, Project Manager (MNS and CNS)  
U.S. Nuclear Regulatory Commission  
11555 Rockville Pike Mail Stop O-8 G9A  
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**Ms. Margaret Aucoin  
Nuclear Assurance Corporation  
3930 E. Jones Bridge Road #300  
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**INPO Records Center  
700 Galleria Parkway  
Atlanta, GA 30339-5957**

**Dottie Sherman, ANI Library  
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95 Glastonbury Blvd.  
Glastonbury, CT 06033**

**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.	<u>50-269</u>
Date	<u>July 14, 2005</u>
Completed By	<u>Roger Williams</u>
Telephone	<u>704-382-5346</u>

## Operating Status

1. Unit Name: Oconee 1
2. Reporting Period: June 1, 2005 - June 30, 2005
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	4343.0	280152.0
12. Number of Hours Reactor was Critical	720.0	3482.5	222065.3
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	3462.4	218360.2
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1848960	8857135	541596760
17. Gross Electrical Energy Generated (MWH)	646006	3099179	187441707
18. Net Electrical Energy Generated (MWH)	618526	2961026	178340284
19. Unit Service Factor	100.0	79.7	78.0
20. Unit Availability Factor	100.0	79.7	78.0
21. Unit Capacity Factor (Using MDC Net)	101.5	80.6	74.6
22. Unit Capacity Factor (Using DER Net)	97.0	77.0	71.8
23. Unit Forced Outage Rate	0.0	0.0	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	_____	_____

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 1
2. Scheduled next refueling shutdown: October 2006
3. Scheduled restart following refueling: November 2006

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: 962\*  
  (c)     in the ISFSI: 2016\*\*
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: July 14, 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

### UNIT SHUTDOWNS

**DOCKET NO.** 50-269  
**UNIT NAME:** Oconee 1  
**DATE:** July 14, 2005  
**COMPLETED BY:** Roger Williams  
**TELEPHONE:** 704-382-5346

**REPORT MONTH:** June, 2005

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
			<b>No</b>	<b>Outages</b>	<b>for the Month</b>		

**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>50-270</u>
Date	<u>July 14, 2005</u>
Completed By	<u>Roger Williams</u>
Telephone	<u>704-382-5346</u>

## Operating Status

- |   |                              |
|---|------------------------------|
| 1. Unit Name:   | Oconee 2                     |
| 2. Reporting Period:  | June 1, 2005 - June 30, 2005 |
| 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	4343.0	270072.0
12. Number of Hours Reactor was Critical	720.0	4343.0	220934.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	4343.0	218262.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1848960	11150462	541091796
17. Gross Electrical Energy Generated (MWH)	652448	3947446	186435547
18. Net Electrical Energy Generated (MWH)	625333	3789655	177754692
19. Unit Service Factor	100.0	100.0	80.8
20. Unit Availability Factor	100.0	100.0	80.8
21. Unit Capacity Factor (Using MDC Net)	102.7	103.1	77.2
22. Unit Capacity Factor (Using DER Net)	98.0	98.5	74.3
23. Unit Forced Outage Rate	0.0	0.0	8.0
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:** July 14, 2005  
**COMPLETED BY:** Roger Williams  
**TELEPHONE:** 704-382-5346

**REPORT MONTH:** June, 2005

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
			<b>No</b>	<b>Outages</b>	<b>for the Month</b>		

**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. 50-287  
 Date July 14, 2005  
 Completed By Roger Williams  
 Telephone 704-382-5346

## Operating Status

1. Unit Name: Oconee 3  
 2. Reporting Period: June 1, 2005 - June 30, 2005  
 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	4343.0	267719.0
12. Number of Hours Reactor was Critical	720.0	4206.6	213579.6
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	4138.2	210711.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1821226	10466963	527783918
17. Gross Electrical Energy Generated (MWH)	644570	3723515	182880146
18. Net Electrical Energy Generated (MWH)	618021	3568459	174520399
19. Unit Service Factor	100.0	95.3	78.7
20. Unit Availability Factor	100.0	95.3	78.7
21. Unit Capacity Factor (Using MDC Net)	101.5	97.1	76.4
22. Unit Capacity Factor (Using DER Net)	96.9	92.7	73.6
23. Unit Forced Outage Rate	0.0	3.7	8.6
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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 3
2. Scheduled next refueling shutdown: April 2006
3. Scheduled restart following refueling: May 2006

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: 460  
   (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: July 14, 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

### UNIT SHUTDOWNS

**DOCKET NO.** 50-287  
**UNIT NAME:** Oconee 3  
**DATE:** July 14, 2005  
**COMPLETED BY:** Roger Williams  
**TELEPHONE:** 704-382-5346

**REPORT MONTH:** June, 2005

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
			<b>No</b>	<b>Outages</b>	<b>for the Month</b>		

**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

MAY 2005

1. Personnel Exposure -

The total station liquid release for MAY 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 MAY 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>July 14, 2005</u>
Completed By	<u>Roger Williams</u>
Telephone	<u>704-382-5346</u>

## Operating Status

1. Unit Name: McGuire 1
2. Reporting Period: June 1, 2005 - June 30, 2005
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	720.0	4343.0	206711.0
12. Number of Hours Reactor was Critical	720.0	4343.0	163475.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	4343.0	162150.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2454834	14800931	526224053
17. Gross Electrical Energy Generated (MWH)	846195	5171497	181523138
18. Net Electrical Energy Generated (MWH)	815967	4991586	174058407
19. Unit Service Factor	100.0	100.0	78.4
20. Unit Availability Factor	100.0	100.0	78.4
21. Unit Capacity Factor (Using MDC Net)	103.0	104.5	74.5
22. Unit Capacity Factor (Using DER Net)	96.0	97.4	71.4
23. Unit Forced Outage Rate	0.0	0.0	8.6
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	_____	_____



**UNIT SHUTDOWNS**

**DOCKET NO.** 50-369  
**UNIT NAME:** McGuire 1  
**DATE:** July 14, 2005  
**COMPLETED BY:** Roger Williams  
**TELEPHONE:** 704-382-5346

**REPORT MONTH:** June, 2005

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>50-370</u>
Date	<u>July 14, 2005</u>
Completed By	<u>Roger Williams</u>
Telephone	<u>704-382-5346</u>

## Operating Status

- |   |                              |
|---|------------------------------|
| 1. Unit Name:   | McGuire 2                    |
| 2. Reporting Period:  | June 1, 2005 - June 30, 2005 |
| 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	720.0	4343.0	187007.0
12. Number of Hours Reactor was Critical	720.0	3214.5	155838.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	3173.5	154515.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2454705	10648429	511779739
17. Gross Electrical Energy Generated (MWH)	851188	3712762	178002551
18. Net Electrical Energy Generated (MWH)	820409	3562515	170967142
19. Unit Service Factor	100.0	73.1	82.6
20. Unit Availability Factor	100.0	73.1	82.6
21. Unit Capacity Factor (Using MDC Net)	103.6	74.6	81.3
22. Unit Capacity Factor (Using DER Net)	96.6	69.5	77.5
23. Unit Forced Outage Rate	0.0	7.3	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	_____	_____

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire Unit 2
2. Scheduled next refueling shutdown: September 2006
3. Scheduled restart following refueling: October 2006

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: 1166  
(c) in the ISFSI: 368
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: July 14, 2005

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

### UNIT SHUTDOWNS

**DOCKET NO.** 50-370  
**UNIT NAME:** McGuire 2  
**DATE:** July 14, 2005  
**COMPLETED BY:** Roger Williams  
**TELEPHONE:** 704-382-5346

**REPORT MONTH:** June, 2005

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
			<b>No</b>	<b>Outages</b>	<b>for the Month</b>		

**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)

McGUIRE NUCLEAR STATION

MONTHLY OPERATING STATUS REPORT

MAY 2005

1. Personnel Exposure -

The total station liquid release for MAY 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 MAY 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 July 14, 2005  
 Completed By Roger Williams  
 Telephone 704-382-5346

## Operating Status

1. Unit Name: Catawba 1
2. Reporting Period: June 1, 2005 - June 30, 2005
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	720.0	4343.0	175368.0
12. Number of Hours Reactor was Critical	614.4	3642.4	146876.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	583.5	3611.4	144980.8
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1928782	12020783	479937103
17. Gross Electrical Energy Generated (MWH)	679055	4305653	170454519
18. Net Electrical Energy Generated (MWH)	639698	4077763	160864442
19. Unit Service Factor	81.0	83.2	82.7
20. Unit Availability Factor	81.0	83.2	82.7
21. Unit Capacity Factor (Using MDC Net)	78.7	83.2	81.1
22. Unit Capacity Factor (Using DER Net)	77.6	82.0	80.1
23. Unit Forced Outage Rate	0.0	0.0	5.3
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	_____	_____

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Catawba Unit 1
2. Scheduled next refueling shutdown: November 2006
3. Scheduled restart following refueling: December 2006

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: 1097
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: July 14, 2005

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

## UNIT SHUTDOWNS

DOCKET NO. 50-413UNIT NAME: Catawba 1DATE: July 14, 2005COMPLETED BY: Roger WilliamsTELEPHONE: 704-382-5346REPORT MONTH: June, 2005

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	06/01/05	S	134.87	C	4		END-OF-CYCLE 15 REFUELING OUTAGE
2	06/06/05	S	1.65	B	--		TURBINE OVERSPEED TRIP TEST

**Summary:**

Catawba unit 1 began the month of June in the end-of-cycle 15 refueling outage which spanned 30.42 days. The unit was placed on-line 06/06/05 at 1452 and increased power and held at 18% from 1615 to 2300 due to turbine soak for turbine overspeed trip test. The turbine overspeed trip test was perform 06/06/05 at 2300. The unit was placed on-line 06/07/05 at 0039 holding at 18% power. During power escalation, the unit held at 40% power from 0401 to 0528 due to main turbine control valve test and stop valve movement testing. On 06/07/05 at 1252 the unit decreased power and held at 57% power from 1306 to 1327 to avoid violation of fuel maneuvering limits. The unit resumed power escalation and held at 76% power from 06/07/05 at 2220 to 06/08/05 at 0103 due to power ascension testing. On 06/08/05 from 0730 to 0846 the unit held at 90% power pending completion of excore nuclear instrumentation system cross calibration. The unit held at 96% power from 1234 to 1643 due to reactor coolant loop "1B" and "1C" delta T (Cont'd)

**(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

**UNIT SHUTDOWNS**

**DOCKET NO. 50-413**

**UNIT NAME: Catawba 1**

**DATE: July 14, 2005**

**COMPLETED BY: Roger Williams**

**TELEPHONE: 704-382-5346**

**REPORT MONTH: June, 2005**

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

**Summary:**  
 constraints. The unit held at 97% power from 06/08/05 at 1747 to 2250 pending completion of delta T adjustments. The unit returned to 100% power on 06/09/05 at 0026 and operated at or near 100% full 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)

# Operating Data Report

Docket No. 50-414  
 Date July 14, 2005  
 Completed By Roger Williams  
 Telephone 704-382-5346

## Operating Status

1. Unit Name: Catawba 2  
 2. Reporting Period: June 1, 2005 - June 30, 2005  
 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	720.0	4343.0	165384.0
12. Number of Hours Reactor was Critical	720.0	4343.0	139994.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	4320.2	138491.8
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2449099	14687551	457044020
17. Gross Electrical Energy Generated (MWH)	869772	5266923	163037559
18. Net Electrical Energy Generated (MWH)	825695	5005681	154144397
19. Unit Service Factor	100.0	99.5	83.7
20. Unit Availability Factor	100.0	99.5	83.7
21. Unit Capacity Factor (Using MDC Net)	101.6	102.1	82.5
22. Unit Capacity Factor (Using DER Net)	100.2	100.7	81.4
23. Unit Forced Outage Rate	0.0	0.5	6.0
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.** 50-414  
**UNIT NAME:** Catawba 2  
**DATE:** July 14, 2005  
**COMPLETED BY:** Roger Williams  
**TELEPHONE:** 704-382-5346

**REPORT MONTH:** June, 2005

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
			<b>No</b>	<b>Outages</b>	<b>for the Month</b>		

**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

MAY 2005

1. Personnel Exposure -

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