

HENRY B BARRON Group VP, Nuclear Generation and Chief Nuclear Officer

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April 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 – March 2005

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

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

Nency & Baum

Henry B. Barron

Attachment



U.S. Nuclear Regulatory Commission Monthly Performance and Operation Status April 13, 2005 Page 2

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

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J. J. Shea, Project Manager (MNS) U.S. Nuclear Regulatory Commission Mail Stop O-8 H12 Washington, DC 20555

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INPO Records Center 700 Galleria Parkway Atlanta, GA 30339-5957

Dottie Sherman, ANI Library American Nuclear Insurers 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

•	Docket N Date Complete Telephon	d By	50-269 April 12,2005 Roger Williams 704-382-5346	
Operating Status				
1. Unit Name: Oconee 1				
2. Reporting Period: March 1, 2005 - March 31, 2005		_		
3. Licensed Thermal Power (MWt):	2568	-	Notes: Year-to-date and cumulative capacity factors are calculated using a	
4. Nameplate Rating (Gross MWe):	934	-		
5. Design Electrical Rating (Net Mwe):	886			
6. Maximum Dependable Capacity (Gross MWe):	886 846		weighted average for maximum dependable	
7. Maximum Dependable Capacity(Net MWe):				
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since L	ast Report, Give Reasons:	٩	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	2160.0	277969.0	
12. Number of Hours Reactor was Critical	744.0	2160.0	220742.8	
12 Deseter Deserve Chutdeum House	0.0	0.0	0.0	

13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	2160.0	217057.8
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1909359	5543182	538282807
17. Gross Electrical Energy Generated (MWH)	669246	1942389	186284917
18. Net Electrical Energy Generated (MWH)	641077	1861331	177240589
19. Unit Service Factor	100.0	100.0	78.1
20. Unit Availability Factor	100.0	100.0	78.1
21. Unit Capacity Factor (Using MDC Net)	101.9	101.9	74.7
22. Unit Capacity Factor (Using DER Net)	97.3	97.3	72.0
23. Unit Forced Outage Rate	0.0	0.0	8.9
24 Shutdown Scheduled Over Next 6 Months (Type Date and Duration	n of Each)		

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)

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	Forcast	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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DOCKET NO. <u>50-269</u> UNIT NAME: Oconee 1 DATE: April 12, 2005 **COMPLETED BY:** Roger Williams TELEPHONE: 704-382-5346

REPORT MONTH: March, 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		
				:			
Summai	۱ ry:					I	L
(1) Reas	on						(2) Method

- 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)

- 1. Facility name: <u>Oconee Unit 1</u>
- 2. Scheduled next refueling shutdown: April 2005
- 3. Scheduled restart following refueling: <u>May 2005</u>

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: <u>902*</u>
- (c) in the ISFSI: <u>2016**</u>
- 8. Present licensed fuel pool capacity: <u>1312</u> Size of requested or planned increase: <u>**</u>
- 9. Projected date of last refueling which can be accommodated by present capacity: January 2005***

DUKE POWER COMPA	DATE:	<u>April 12, 2005</u>	
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

	Docket No Date Completed Telephone	Ву	<u>50-270</u> <u>April 12,2005</u> <u>Roger Williams</u> <u>704-382-5346</u>	
Operating Status				
1. Unit Name: Oconee 2				
2. Reporting Period: March 1, 2005 - March 31, 2005				
3. Licensed Thermal Power (MWt):	2568		Notes: Year-to-date	
4. Nameplate Rating (Gross MWe):	934		and cumulative	
5. Design Electrical Rating (Net Mwe):	886 886		capacity factors are calculated using a	
6. Maximum Dependable Capacity (Gross MWe):			weighted average for	
7. Maximum Dependable Capacity(Net MWe):	846		maximum dependable	
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Las	t Report, Give Reasons:		capacity.	
9. Power Level To Which Restricted, If Any (Net MWe):				
10. Reason for Restrictions, If any:				
		YTD	Cumulative	
	This Month		Cumulative	
11. Hours in Reporting Period	This Month 744.0	2160.0	267889.0	
 Hours in Reporting Period Number of Hours Reactor was Critical 				

14. Hours Generator On-Line	744.0	2160.0	216079.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1910592	5546264	535487598
17. Gross Electrical Energy Generated (MWH)	678687	1966831	184454932
18. Net Electrical Energy Generated (MWH)	652304	1889940	175854977
19. Unit Service Factor	100.0	100.0	80.7
20. Unit Availability Factor	100.0	100.0	80.7
21. Unit Capacity Factor (Using MDC Net)	103.6	103.4	77.0
22. Unit Capacity Factor (Using DER Net)	99.0	98.8	74.1
23. Unit Forced Outage Rate	0.0	0.0	8.1
24 Shutdown Scheduled Over Next 6 Months (Tyme, Date and Duratio	n of Each)		

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)

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	Forcast	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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UNIT SHUTDOWNS

DOCKET NO. <u>50-270</u> UNIT NAME: <u>Oconee 2</u> DATE: <u>April 12, 2005</u> COMPLETED BY: <u>Roger Williams</u> TELEPHONE: <u>704-382-5346</u>

REPORT MONTH: March, 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		
Summar	у:					<u> </u>	
							·····

(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)

- 1. Facility name: <u>Oconee Unit 2</u>
- 2. Scheduled next refueling shutdown: October, 2005
- 3. Scheduled restart following refueling: <u>November, 2005</u>

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: <u>902*</u>
- (c) in the ISFSI: <u>See unit 1 ****</u>
- Present licensed fuel pool capacity: <u>1312</u>
 Size of requested or planned increase: <u>**</u>
- 9. Projected date of last refueling which can be accommodated by present capacity: January 2005***

DUKE POWER COMPA	DATE:	April 12, 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

	Docket N Date Complete Telephor	ed By	<u>50-287</u> April 12,2005 Roger Williams 704-382-5346
Operating Status 1. Unit Name: Oconee 3 2. Reporting Period: March 1, 2005 - March 31, 2005 3. Licensed Thermal Power (MWt): 4. Nameplate Rating (Gross MWe): 5. Design Electrical Rating (Net Mwe): 6. Maximum Dependable Capacity (Gross MWe): 7. Maximum Dependable Capacity (Net MWe): 8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since	2568 934 886 886 846 2 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):			
9. Power Level To Which Restricted, If Any (Net MWe):	This Month	YTD	Cumulative
			Cumulative 265536.0
10. Reason for Restrictions, If any:	This Month	YTD	
10. Reason for Restrictions, If any:	This Month 744.0	YTD 2160.0	265536.0
10. Reason for Restrictions, If any: 11. Hours in Reporting Period 12. Number of Hours Reactor was Critical	This Month 744.0 744.0	YTD 2160.0 2023.6	265536.0 211396.6
 10. Reason for Restrictions, If any: 11. Hours in Reporting Period 12. Number of Hours Reactor was Critical 13. Reactor Reserve Shutdown Hours 	This Month 744.0 744.0 0.0	YTD 2160.0 2023.6 0.0	265536.0 211396.6 0.0
 10. Reason for Restrictions, If any: 11. Hours in Reporting Period 12. Number of Hours Reactor was Critical 13. Reactor Reserve Shutdown Hours 14. Hours Generator On-Line 	This Month 744.0 744.0 0.0 744.0	YTD 2160.0 2023.6 0.0 1955.2	265536.0 211396.6 0.0 208528.7
 10. Reason for Restrictions, If any: 11. Hours in Reporting Period 12. Number of Hours Reactor was Critical 13. Reactor Reserve Shutdown Hours 14. Hours Generator On-Line 15. Unit Reserve Shutdown Hours 	This Month 744.0 744.0 0.0 744.0 0.0	YTD 2160.0 2023.6 0.0 1955.2 0.0	265536.0 211396.6 0.0 208528.7 0.0
 10. Reason for Restrictions, If any: 11. Hours in Reporting Period 12. Number of Hours Reactor was Critical 13. Reactor Reserve Shutdown Hours 14. Hours Generator On-Line 15. Unit Reserve Shutdown Hours 16. Gross Thermal Energy Generated (MWH) 	This Month 744.0 744.0 0.0 744.0 0.0 1910592	YTD 2160.0 2023.6 0.0 1955.2 0.0 4900360	265536.0 211396.6 0.0 208528.7 0.0 522217315
 10. Reason for Restrictions, If any: 11. Hours in Reporting Period 12. Number of Hours Reactor was Critical 13. Reactor Reserve Shutdown Hours 14. Hours Generator On-Line 15. Unit Reserve Shutdown Hours 16. Gross Thermal Energy Generated (MWH) 17. Gross Electrical Energy Generated (MWH) 	This Month 744.0 744.0 0.0 744.0 0.0 1910592 679769	YTD 2160.0 2023.6 0.0 1955.2 0.0 4900360 1747166	265536.0 211396.6 0.0 208528.7 0.0 522217315 180903797
 10. Reason for Restrictions, If any: 11. Hours in Reporting Period 12. Number of Hours Reactor was Critical 13. Reactor Reserve Shutdown Hours 14. Hours Generator On-Line 15. Unit Reserve Shutdown Hours 16. Gross Thermal Energy Generated (MWH) 17. Gross Electrical Energy Generated (MWH) 18. Net Electrical Energy Generated (MWH) 	This Month 744.0 744.0 0.0 744.0 0.0 1910592 679769 653531	YTD 2160.0 2023.6 0.0 1955.2 0.0 4900360 1747166 1672060	265536.0 211396.6 0.0 208528.7 0.0 522217315 180903797 172624000
 10. Reason for Restrictions, If any: 11. Hours in Reporting Period 12. Number of Hours Reactor was Critical 13. Reactor Reserve Shutdown Hours 14. Hours Generator On-Line 15. Unit Reserve Shutdown Hours 16. Gross Thermal Energy Generated (MWH) 17. Gross Electrical Energy Generated (MWH) 18. Net Electrical Energy Generated (MWH) 19. Unit Service Factor 	This Month 744.0 744.0 0.0 744.0 0.0 1910592 679769 653531 100.0	YTD 2160.0 2023.6 0.0 1955.2 0.0 4900360 1747166 1672060 90.5	265536.0 211396.6 0.0 208528.7 0.0 522217315 180903797 172624000 78.5 78.5
 10. Reason for Restrictions, If any: 11. Hours in Reporting Period 12. Number of Hours Reactor was Critical 13. Reactor Reserve Shutdown Hours 14. Hours Generator On-Line 15. Unit Reserve Shutdown Hours 16. Gross Thermal Energy Generated (MWH) 17. Gross Electrical Energy Generated (MWH) 18. Net Electrical Energy Generated (MWH) 19. Unit Service Factor 20. Unit Availability Factor 	This Month 744.0 744.0 0.0 744.0 0.0 1910592 679769 653531 100.0 100.0	YTD 2160.0 2023.6 0.0 1955.2 0.0 4900360 1747166 1672060 90.5 90.5	265536.0 211396.6 0.0 208528.7 0.0 522217315 180903797 172624000 78.5

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)

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	Forcast	Achieved
Initial Criticality		
Initial Electricity		
Commercial Operation		

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

DOCKET NO. <u>50-287</u> UNIT NAME: Oconee 3 DATE: April 12, 2005 **COMPLETED BY:** Roger Williams TELEPHONE: 704-382-5346

REPORT MONTH: March, 2005

No.	Date:	Туре	Duration	(1) Reason	(2) Method of		Cause and Corrective Action to Prevent Recurrence
		F - Forced	Hours		Shutdown R/X	Event Report	
		S - Scheduled				No.	
			No	Outages	for the Month		
Summai	y:						
				<u> </u>			
(1) Reas	on						(2) Method

- (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)

- 1. Facility name: Oconee Unit 3
- 2. Scheduled next refueling shutdown: <u>April 2006</u>
- 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 ****

DATE: April 12, 2005

- Present licensed fuel pool capacity: <u>825</u>
 Size of requested or planned increase: <u>**</u>
- 9. Projected date of last refueling which can be accommodated by present capacity: January 2005***

DUKE POWER COMPANY

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

FEBRUARY 2005

1. Personnel Exposure -

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

	Docket No. Date Completed By Telephone		50-369 April 12,2005 Roger Williams 704-382-5346
Operating Status			
1. Unit Name: McGuire 1			
2. Reporting Period: March 1, 2005 - March 31, 2005			
3. Licensed Thermal Power (MWt):	3411		Notes: *Nameplate
4. Nameplate Rating (Gross MWe):	1305 *		Rating (GrossMWe)
5. Design Electrical Rating (Net Mwe):	1180		calculated as 1450.000
6. Maximum Dependable Capacity (Gross MWe):	1144		MVA * .90 power
7. Maximum Dependable Capacity(Net MWe):	1100		factor per Page iii,
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last R	Report. Give Reasons:		NUREG-0020.
9. Power Level To Which Restricted, If Any (Net MWe):			
9. Power Level To Which Restricted, If Any (Net MWe):			
	This Month	YTD	Cumulative
	· · · · · · · · · · · · · · · · · · ·		
10. Reason for Restrictions, If any:	This Month	YTD	204528.0
10. Reason for Restrictions, If any:	This Month 744.0	YTD 2160.0	204528.0 161292.1
10. Reason for Restrictions, If any: 11. Hours in Reporting Period 12. Number of Hours Reactor was Critical	This Month 744.0 744.0	YTD 2160.0 2160.0	204528.0 161292.1 0.0
 10. Reason for Restrictions, If any: 11. Hours in Reporting Period 12. Number of Hours Reactor was Critical 13. Reactor Reserve Shutdown Hours 	This Month 744.0 744.0 0.0	YTD 2160.0 2160.0 0.0	204528.0 161292.1 0.0 159967.0
 10. Reason for Restrictions, If any: 11. Hours in Reporting Period 12. Number of Hours Reactor was Critical 13. Reactor Reserve Shutdown Hours 14. Hours Generator On-Line 	This Month 744.0 744.0 0.0 744.0	YTD 2160.0 2160.0 0.0 2160.0	204528.0 161292.1 0.0 159967.0 0.0
 10. Reason for Restrictions, If any: 11. Hours in Reporting Period 12. Number of Hours Reactor was Critical 13. Reactor Reserve Shutdown Hours 14. Hours Generator On-Line 15. Unit Reserve Shutdown Hours 	This Month 744.0 744.0 0.0 744.0 0.0	YTD 2160.0 2160.0 0.0 2160.0 0.0	204528.0 161292.1 0.0 159967.0 0.0 518784992
 10. Reason for Restrictions, If any: 11. Hours in Reporting Period 12. Number of Hours Reactor was Critical 13. Reactor Reserve Shutdown Hours 14. Hours Generator On-Line 15. Unit Reserve Shutdown Hours 16. Gross Thermal Energy Generated (MWH) 	This Month 744.0 744.0 0.0 744.0 0.0 2536866	YTD 2160.0 2160.0 0.0 2160.0 0.0 7361870	204528.0 161292.1 0.0 159967.0 0.0 518784992 178938628
 10. Reason for Restrictions, If any: 11. Hours in Reporting Period 12. Number of Hours Reactor was Critical 13. Reactor Reserve Shutdown Hours 14. Hours Generator On-Line 15. Unit Reserve Shutdown Hours 16. Gross Thermal Energy Generated (MWH) 17. Gross Electrical Energy Generated (MWH) 	This Month 744.0 744.0 0.0 744.0 0.0 2536866 890771	YTD 2160.0 2160.0 2160.0 2160.0 0.0 7361870 2586987	204528.0 161292.1 0.0 159967.0 0.0 518784992 178938628 171564738

105.0

97.8

0.0

105.1

98.0

0.0

23. Unit Forced Outage Rate

21. Unit Capacity Factor (Using MDC Net)

22. Unit Capacity Factor (Using DER Net)

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)

	Forcast	Achieved
Initial Criticality		
Initial Electricity		
Commercial Operation		

74.2

71.1

8.7

DOCKET NO. <u>50-369</u> UNIT NAME: <u>McGuire 1</u> DATE: <u>April 12, 2005</u> COMPLETED BY: <u>Roger Williams</u> TELEPHONE: <u>704-382-5346</u>

REPORT MONTH: March, 2005

No.	Date:	Туре	Duration	(1) Reason	(2) Method of		Cause and Corrective Action to Prevent Recurrence
		F - Forced	Hours		Shutdown R/X	Event Report	
		S - Scheduled				No.	
			No	Outages	for the Month		
Summar	y:	l <u></u>					L

(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)

- 1. Facility name: McGuire Unit 1
- 2. Scheduled next refueling shutdown: <u>September 2005</u>
- 3. Scheduled restart following refueling: October 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: <u>193</u>
 (b) in the spent fuel pool: <u>1091</u>
- 8. Present licensed fuel pool capacity: <u>1463</u> Size of requested or planned increase: <u>---</u>
- 9. Projected date of last refueling which can be accommodated by present license capacity: <u>November 2005</u>

DUKE POWER COMPA	ANY	DATE:	April 12, 2005
Name of Contact:	R. A. Williams	Phone:	<u>(704) - 382-5346</u>

	Date Complete	Docket No. Date Completed By Telephone	
Operating Status1. Unit Name:McGuire 22. Reporting Period:March 1, 2005 - March 31, 20053. Licensed Thermal Power (MWt):4. Nameplate Rating (Gross MWe):	3411 1305 *		Notes: *Nameplate Rating (GrossMWe)
 5. Design Electrical Rating (Net Mwe): 6. Maximum Dependable Capacity (Gross MWe): 7. Maximum Dependable Capacity(Net MWe): 8. If Changes Occured in Capacity Ratings (Items Number 3-7) Sin 	1144 1100	Er stan man Daar	
10. Reason for Restrictions, If any:			
	· 		
	This Month	YTD	Cumulative
11. Hours in Reporting Period	This Month 744.0	YTD 2160.0	
 Hours in Reporting Period Number of Hours Reactor was Critical 			184824.0
-	744.0	2160.0	184824.0 154055.7
12. Number of Hours Reactor was Critical	744.0 15.8	2160.0 1431.8	184824.0 154055.7 0.0
 Number of Hours Reactor was Critical Reactor Reserve Shutdown Hours 	744.0 15.8 0.0	2160.0 1431.8 0.0	184824.0 154055.7 0.0 152773.4
 Number of Hours Reactor was Critical Reactor Reserve Shutdown Hours Hours Generator On-Line 	744.0 15.8 0.0 15.8	2160.0 1431.8 0.0 1431.8	184824.0 154055.7 0.0 152773.4 0.0
 Number of Hours Reactor was Critical Reactor Reserve Shutdown Hours Hours Generator On-Line Unit Reserve Shutdown Hours 	744.0 15.8 0.0 15.8 0.0	2160.0 1431.8 0.0 1431.8 0.0	184824.0 154055.7 0.0 152773.4 0.0 506010072 176000287
 Number of Hours Reactor was Critical Reactor Reserve Shutdown Hours Hours Generator On-Line Unit Reserve Shutdown Hours Gross Thermal Energy Generated (MWH) Gross Electrical Energy Generated (MWH) Net Electrical Energy Generated (MWH) 	744.0 15.8 0.0 15.8 0.0 51498 17938 11154	2160.0 1431.8 0.0 1431.8 0.0 4878762 1710498 1646155	184824.0 154055.7 0.0 152773.4 0.0 506010072 176000287 169050782
 Number of Hours Reactor was Critical Reactor Reserve Shutdown Hours Hours Generator On-Line Unit Reserve Shutdown Hours Gross Thermal Energy Generated (MWH) Gross Electrical Energy Generated (MWH) Net Electrical Energy Generated (MWH) Unit Service Factor 	744.0 15.8 0.0 15.8 0.0 51498 17938 11154 2.1	2160.0 1431.8 0.0 1431.8 0.0 4878762 1710498 1646155 66.3	184824.0 154055.7 0.0 152773.4 0.0 506010072 176000287 169050782 82.7
 Number of Hours Reactor was Critical Reactor Reserve Shutdown Hours Hours Generator On-Line Unit Reserve Shutdown Hours Gross Thermal Energy Generated (MWH) Gross Electrical Energy Generated (MWH) Net Electrical Energy Generated (MWH) Unit Service Factor Unit Availability Factor 	744.0 15.8 0.0 15.8 0.0 51498 17938 11154 2.1 2.1	2160.0 1431.8 0.0 1431.8 0.0 4878762 1710498 1646155 66.3 66.3	184824.0 154055.7 0.0 152773.4 0.0 506010072 176000287 169050782 82.7 82.7
 Number of Hours Reactor was Critical Reactor Reserve Shutdown Hours Hours Generator On-Line Unit Reserve Shutdown Hours Gross Thermal Energy Generated (MWH) Gross Electrical Energy Generated (MWH) Net Electrical Energy Generated (MWH) Unit Service Factor 	744.0 15.8 0.0 15.8 0.0 51498 17938 11154 2.1	2160.0 1431.8 0.0 1431.8 0.0 4878762 1710498 1646155 66.3	184824.0 154055.7 0.0 152773.4 0.0 506010072 176000287 169050782 82.7 82.7 81.3

84.4

5.6

23. Unit Forced Outage Rate

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)

	Forcast	Achieved
Initial Criticality		
Initial Electricity		
Commercial Operation		

5.0

DOCKET NO. <u>50-370</u> UNIT NAME: <u>McGuire 2</u> DATE: <u>April 12, 2005</u> COMPLETED BY: <u>Roger Williams</u> TELEPHONE: <u>704-382-5346</u>

REPORT MONTH: March, 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	03/01/05	F	85.25	A	2		2C2 MOISTURE SEPARATOR REHEATER DRAIN LINE TO "A" FEEDWATER HEATER RUPTURE
2	03/05/05	S	643.00	С	4		END-OF-CYCLE 16 REFUELING OUTAGE
	:						

Summary:

McGuire unit 2 began the month of March operating at approximately 100% power. On 03/01/05 at 1350 the unit began rapid down power due to 2C2 moisture separator reheater drain line to "A" feedwater heater rupture. The unit was manually tripped off-line at approximately 15% power on 03/01/05 at 1545 due to 2C2 moisture separator reheater drain line to "A" feedwater heater rupture. The unit began the end-of-cycle 16 refueling outage on 03/05/05 at 0500 and the unit remained in the end-of-cycle 16 refueling outage 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)

- 1. Facility name: McGuire Unit 2
- 2. Scheduled next refueling shutdown: <u>Currently Refueling</u>
- 3. Scheduled restart following refueling: <u>April 2005</u>

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>193</u>
(b) in the spent fuel pool: <u>1166</u>

- (c) in the ISFSI: <u>368</u>
- Present licensed fuel pool capacity: <u>1463</u>
 Size of requested or planned increase: <u>---</u>
- 9. Projected date of last refueling which can be accommodated by present license capacity: June 2003

DUKE POWER COMPANY

DATE: April 12, 2005

Name of Contact:

R. A. Williams

Phone: (704) - 382-5346

MCGUIRE NUCLEAR STATION

MONTHLY OPERATING STATUS REPORT

FEBRUARY 2005

1. Personnel Exposure -

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

· · · · · · · · · · · · · · · · · · ·					
	Docket N Date Complete Telephon	ed By	50-413 April 12,2005 Roger Williams 704-382-5346		
Operating Status					
1. Unit Name: Catawba 1					
2. Reporting Period: March 1, 2005 - March 31, 2005					
3. Licensed Thermal Power (MWt):	3411		Notes: *Nameplate		
4. Nameplate Rating (Gross MWe):	1305 *		Rating (GrossMWe) calculated as 1450.000 MVA * .90 power		
5. Design Electrical Rating (Net Mwe):	1145				
6. Maximum Dependable Capacity (Gross MWe):	1192				
7. Maximum Dependable Capacity(Net MWe):	1129		factor per Page iii, NUREG-0020.		
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since L	ast Report, Give Reasons:	 			
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	2160.0	173185.0		
12. Number of Hours Reactor was Critical	744.0	2160.0	145394.1		
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0		
14. Hours Generator On-Line	744.0	2160.0	143529.5		

13. Reactor Reserve Shadowin Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	2160.0	143529.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2534266	7156102	475072422
17. Gross Electrical Energy Generated (MWH)	912869	2572599	168721465
18. Net Electrical Energy Generated (MWH)	866947	2440162	159226841
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)	103.2	100.1	81.3
22. Unit Capacity Factor (Using DER Net)	101.8	98.7	80.3
23. Unit Forced Outage Rate	0.0	0.0	5.4
24 Shutdown Schodulad Over News 6 Martha (Tama Data and Day	tion of Feel)		

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)

	Forcast	Achieved
Initial Criticality		
Initial Electricity		
Commercial Operation		

DOCKET NO. <u>50-413</u> UNIT NAME: <u>Catawba 1</u> DATE: <u>April 12, 2005</u> COMPLETED BY: <u>Roger Williams</u> TELEPHONE: <u>704-382-5346</u>

REPORT MONTH: March, 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		
Summar				· · · · · · · · · · · · · · · · · · ·	·		
	<u>,</u>				<u></u>		

(1) Reason

A - Equipment failure (Explain)

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

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

2 - Manual Trip/Scram

- 1. Facility name: <u>Catawba Unit 1</u>
- 2. Scheduled next refueling shutdown: <u>May 2005</u>
- 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: <u>193</u>
 (b) in the spent fuel pool: <u>1021</u>
- 8. Present licensed fuel pool capacity: <u>1418</u> Size of requested or planned increase: <u>---</u>
- 9. Projected date of last refueling which can be accommodated by present license capacity: November 2009

DUKE POWER COMPA	DATE:	<u>April 12, 2005</u>	
Name of Contact:	R. A. Williams	Phone:	<u>(704) - 382-5346</u>

	Date Complet Telephon		April 12,2005 Roger Williams 704-382-5346
Operating Status			
1. Unit Name: Catawba 2			
2. Reporting Period: March 1, 2005 - March 31, 2005			
3. Licensed Thermal Power (MWt):	3411		Notes: *Nameplate
4. Nameplate Rating (Gross MWe):	1305 *		Rating (GrossMWe)
5. Design Electrical Rating (Net Mwe):	1145		calculated as 1450.000
6. Maximum Dependable Capacity (Gross MWe):	1192		MVA * .90 power
7. Maximum Dependable Capacity(Net MWe):	1129	factor per Page iii, NUREG-0020.	
9. Power Level To Which Restricted, If Any (Net MWe):			
9. Power Level To Which Restricted, If Any (Net MWe): 10. Reason for Restrictions, If any:			
	This Month	YTD	Cumulative
		· · · · · · · · · · · · · · · · · · ·	Cumulative 163201.0
10. Reason for Restrictions, If any:	This Month	YTD	163201.0
10. Reason for Restrictions, If any:	This Month 744.0	YTD 2160.0	163201.0 137811.9
 10. Reason for Restrictions, If any: 11. Hours in Reporting Period 12. Number of Hours Reactor was Critical 	This Month 744.0 744.0	YTD 2160.0 2160.0	
 10. Reason for Restrictions, If any: 11. Hours in Reporting Period 12. Number of Hours Reactor was Critical 13. Reactor Reserve Shutdown Hours 	This Month 744.0 744.0 0.0	YTD 2160.0 2160.0 0.0	163201.0 137811.9 0.0 136331.0
 10. Reason for Restrictions, If any: 11. Hours in Reporting Period 12. Number of Hours Reactor was Critical 13. Reactor Reserve Shutdown Hours 14. Hours Generator On-Line 	This Month 744.0 744.0 0.0 744.0	YTD 2160.0 2160.0 0.0 2160.0	163201.0 137811.9 0.0
 10. Reason for Restrictions, If any: 11. Hours in Reporting Period 12. Number of Hours Reactor was Critical 13. Reactor Reserve Shutdown Hours 14. Hours Generator On-Line 15. Unit Reserve Shutdown Hours 16. Gross Thermal Energy Generated (MWH) 17. Gross Electrical Energy Generated (MWH) 	This Month 744.0 744.0 0.0 744.0 0.0 2534345 913808	YTD 2160.0 2160.0 2160.0 2160.0 0.0 7356631 2653357	163201.0 137811.9 0.0 136331.0 449713100 160423993
 10. Reason for Restrictions, If any: 11. Hours in Reporting Period 12. Number of Hours Reactor was Critical 13. Reactor Reserve Shutdown Hours 14. Hours Generator On-Line 15. Unit Reserve Shutdown Hours 16. Gross Thermal Energy Generated (MWH) 	This Month 744.0 744.0 0.0 744.0 0.0 2534345	YTD 2160.0 2160.0 0.0 2160.0 0.0 7356631	163201 137811 0 136331 0 44971310

18. Net Electrical Energy Generated (MW11)	007730	2323113	131004493
19. Unit Service Factor	100.0	100.0	83.5
20. Unit Availability Factor	100.0	100.0	83.5
21. Unit Capacity Factor (Using MDC Net)	103.6	103.6	82.2
22. Unit Capacity Factor (Using DER Net)	102.1	102.1	81.2
23. Unit Forced Outage Rate	0.0	0.0	6.1
A REAL OF LIVER MAKE TO DA ID & CD IN			

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)

	Forcast	Achieved
Initial Criticality		
Initial Electricity		
Commercial Operation		,

DOCKET NO. <u>50-414</u> UNIT NAME: <u>Catawba 2</u> DATE: <u>April 12, 2005</u> COMPLETED BY: <u>Roger Williams</u> TELEPHONE: <u>704-382-5346</u>

REPORT MONTH: March, 2005

No.	Date:	Туре	Duration	(1) Reason	(2) Method of		Cause and Corrective Action to Prevent Recurrence
		F - Forced S - Scheduled	Hours		Shutdown R/X	Event Report No.	
		5 - Scheduled	No	Outages	for the Month	110.	
	i				i		
Summar	y:	.I			L	I	
					·····		
(1) 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
- 2 Manual Trip/Scram
- 3 Automatic Trip/Scram 4 Continuation
- 5 Other (Explain)

- 1. Facility name: <u>Catawba Unit 2</u>
- 2. Scheduled next refueling shutdown: <u>March 2006</u>
- 3. Scheduled restart following refueling: <u>April 2006</u>

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>193</u>
		(b)	in the spent fuel pool: 993

- 8. Present licensed fuel pool capacity: <u>1418</u> Size of requested or planned increase: <u>---</u>
- 9. Projected date of last refueling which can be accommodated by present license capacity: May 2012

DUKE POWER COMPANY DAT

DATE: April 12, 2005

Name of Contact:

R. A. Williams

Phone: (704) - 382-5346

CATAWBA NUCLEAR STATION

MONTHLY OPERATING STATUS REPORT

FEBRUARY 2005

1. Personnel Exposure -

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