

MICHAEL S. TUCKMAN Executive Vice President Nuclear Generation

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704 382 2200 704 382 4360 fax

September 15, 2003

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, 2003

Please find attached information concerning the performance and operation status of the Oconee, McGuire and Catawba Nuclear Stations for the month of August, 2003.

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

Sincerely,

M. S. Tuckman

M. S. Tuckman

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Page 2

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U.S. Nuclear Regulatory Commission Monthly Performance and Operation Status September 15, 2003

xc: L. A. Reyes, Regional Administrator
 U.S. Nuclear Regulatory Commission
 Sam Nunn Atlanta Federal Center
 61 Forsythe Street, SW, Suite 23T85
 Atlanta, GA 30303-8931

R. E. Martin, Senior Project Manager U.S. Nuclear Regulatory Commission Mail Stop O-8 H12 Washington, DC 20555

L. N. Olshan, Senior Project Manager U.S. Nuclear Regulatory Commission Mail Stop O-8 H12 Washington, DC 20555

Ms. Margaret Aucoin Nuclear Assurance Corporation 3930 E. Jones Bridge Road #300 Norcross, GA 30092-2107

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

Dottie Sherman, ANI Library American Nuclear Insurers Town Center, Suite 300S 29 South Main Street West Hartford, CT 06107-2445

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 No. Date Completed By Telephone	<u>50-269</u> September 15,2003 Roger Williams 704-382-5346
Operating Status		
1. Unit Name: Oconee 1		
2. Reporting Period: August 1, 2003 - August 31, 2003		
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	capacity factors are calculated using a
6. Maximum Dependable Capacity (Gross MWe):	886	weighted average for
7. Maximum Dependable Capacity(Net MWe):	846	maximum dependable
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since I	ast Report, Give Reasons:	capacity.
9. Power Level To Which Restricted, If Any (Net MWe):		

	This Month	YTD	Cumulative
11. Hours in Reporting Period	744.0	5831.0	264096.0
12. Number of Hours Reactor was Critical	744.0	5831.0	209394.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	5831.0	205891.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1842797	14811404	510014058
17. Gross Electrical Energy Generated (MWH)	638163	5192728	176444035
18. Net Electrical Energy Generated (MWH)	608610	4972715	167846761
19. Unit Service Factor	100.0	100.0	78.0
20. Unit Availability Factor	100.0	100.0	78.0
21. Unit Capacity Factor (Using MDC Net)	96.7	100.8	74.5
22. Unit Capacity Factor (Using DER Net)	92.3	96.3	71.7
23. Unit Forced Outage Rate	0.0	0.0	9.0
24 Shutdown Scheduled Over Next 6 Months (Tune Date and Durati	on 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

DOCKET NO. 50-269 UNIT NAME: Oconee 1 DATE: September 15, 2003 COMPLETED BY: Roger Williams TELEPHONE: 704-382-5346

REPORT MONTH: August, 2003

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	
	<u> </u>		No	Outages	for the Month			
mmaı	. y:							

A - Equipment failure (Explain) B - Maintenance or Test

D - Regulatory restriction

C - Refueling

- F Administrative
- G Operator Error (Explain)
- H Other (Explain)

- I Manual
- 3 Automatic Trip/Scram 4 Continuation
- 5 Other (Explain)

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1. Facility name: <u>Oconee Unit 1</u>

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- 2. Scheduled next refueling shutdown: September 2003
- 3. Scheduled restart following refueling: December 2003

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>878*</u>
- (c) in the ISFSI: <u>1848****</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 COMP.	ANY	DATE:	September 15, 2003
Name of Contact:	R. A. Williams	Phone:	<u>(704) - 382-5346</u>

- * 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 Status1. Unit Name:Oconee 22. Reporting Period:August 1, 2003 - August 31, 20033. Licensed Thermal Power (MWt):25684. Nameplate Rating (Gross MWe):9345. Design Electrical Rating (Net Mwe):8866. Maximum Dependable Capacity (Gross MWe):8867. Maximum Dependable Capacity (Net MWe):846	50-270 September 15,2003 Roger Williams 704-382-5346
2. Reporting Period:August 1, 2003 - August 31, 20033. Licensed Thermal Power (MWt):25684. Nameplate Rating (Gross MWe):9345. Design Electrical Rating (Net Mwe):8866. Maximum Dependable Capacity (Gross MWe):886	
3. Licensed Thermal Power (MWt):25684. Nameplate Rating (Gross MWe):9345. Design Electrical Rating (Net Mwe):8866. Maximum Dependable Capacity (Gross MWe):886	
4. Nameplate Rating (Gross MWe):9345. Design Electrical Rating (Net Mwe):8866. Maximum Dependable Capacity (Gross MWe):886	
5. Design Electrical Rating (Net Mwe):8866. Maximum Dependable Capacity (Gross MWe):886	Notes: Year-to-date
6. Maximum Dependable Capacity (Gross MWe): 886	and cumulative
	capacity factors are calculated using a
7 Maximum Dependable Canacity(Net MWe): 846	weighted average for
(Manimum Dependence Capacity (101 12 11 0).	maximum dependable
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons:	capacity.
9. Power Level To Which Restricted, If Any (Net MWe):	

10. Reason for Restrictions, If any:

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	This Month	YTD	Cumulative
11. Hours in Reporting Period	744.0	5831.0	254016.0
12. Number of Hours Reactor was Critical	744.0	5831.0	206916.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	5831.0	204337.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1911208	14963017	505516572
17. Gross Electrical Energy Generated (MWH)	666839	5264701	173917685
18. Net Electrical Energy Generated (MWH)	637763	5048717	165775035
19. Unit Service Factor	100.0	100.0	80.4
20. Unit Availability Factor	100.0	100.0	80.4
21. Unit Capacity Factor (Using MDC Net)	101.3	102.3	76.5
22. Unit Capacity Factor (Using DER Net)	96.8	97.7	73.7
23. Unit Forced Outage Rate	0.0	0.0	8.4
AL Object from Only data down Name (Mansha (Towns, Data and Down	at a set to she		

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		

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

UNIT SHUTDOWNS

DOCKET NO. <u>50-270</u> UNIT NAME: <u>Oconee 2</u> DATE: <u>September 15, 2003</u> COMPLETED BY: <u>Roger Williams</u> TELEPHONE: <u>704-382-5346</u>

REPORT MONTH: August, 2003

No.	Date:	Type F - Forced	Duration Hours	(1) Reason	(2) Method of Shutdown R/X	Licensed Event Report	Cause and Corrective Action to Prevent Recurrence
		S - Scheduled			Onuclowit 1071	No.	
			No	Outages	for the Month		
	<u> </u>						
ummar	у:						

(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 4 Continuation

2 - Manual Trip/Scram

5 - Other (Explain)

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1. Facility name: <u>Oconee Unit 2</u>

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- 2. Scheduled next refueling shutdown: March, 2004
- 3. Scheduled restart following refueling: June, 2004

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>878*</u>
- (c) in the ISFSI: See unit 1 ****
- Present licensed fuel pool capacity: <u>1312</u>
 Size of requested or planned increase: <u>**</u>
- Projected date of last refueling which can be accommodated by present capacity: <u>January 2005</u>***

DUKE POWER COMPANY	DATE: September 15, 2003

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 Complet Telephon	ed By	<u>50-287</u> <u>September 15,2003</u> <u>Roger Williams</u> 704-382-5346
Operating Status			
1. Unit Name: Oconee 3			
2. Reporting Period: August 1, 2003 - August 31, 2003			
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		capacity factors are
6. Maximum Dependable Capacity (Gross MWe):	886		calculated using a weighted average for
7. Maximum Dependable Capacity(Net MWe):	846		maximum dependabl
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Sin	nce Last Report, Give Reasons:		capacity.
9. Power Level To Which Restricted, If Any (Net MWe): 10. Reason for Restrictions, If any:			· · · · · · · · · · · · · · · · · · ·
			Constraint
10. Reason for Restrictions, If any:	This Month	YTD	Cumulative
10. Reason for Restrictions, If any:	This Month 744.0	YTD 5831.0	251663
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 5831.0 4637.7	251663 199690
 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 5831.0 4637.7 0.0	251663 199690 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 5831.0 4637.7 0.0 4538.9	251663 199690 0 196945
 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 5831.0 4637.7 0.0 4538.9 0.0	251663 199690 0 196945 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 5831.0 4637.7 0.0 4538.9 0.0 11398221	251663 199690 0 196945 0 4926578
 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 663453	YTD 5831.0 4637.7 0.0 4538.9 0.0 11398221 3987275	251663 199690 0 196945 0 49265783 1705365
 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 663453 634644	YTD 5831.0 4637.7 0.0 4538.9 0.0 11398221 3987275 3806578	251663 199690 0 196945 0 4926578 1705365 1627062
 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 663453 634644 100.0	YTD 5831.0 4637.7 0.0 4538.9 0.0 11398221 3987275 3806578 77.8	251663 199690 0 196945 0 49265788 1705365 1627062 78
 Reason for Restrictions, If any: Hours in Reporting Period 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 	This Month 744.0 744.0 0.0 744.0 0.0 1910592 663453 634644 100.0 100.0	YTD 5831.0 4637.7 0.0 4538.9 0.0 11398221 3987275 3806578 77.8 77.8	251663 199690 0 196945 0 4926578 1705365 1627062 78 78
	This Month 744.0 744.0 0.0 744.0 0.0 1910592 663453 634644 100.0	YTD 5831.0 4637.7 0.0 4538.9 0.0 11398221 3987275 3806578 77.8	251663 199690 0 196945 0 49265788 17053655 16270622 78 78 78

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: September 15, 2003 COMPLETED BY: Roger Williams TELEPHONE: 704-382-5346

REPORT MONTH: August, 2003

No.	Date:	Туре	Duration	(1) Reason	(2) Method of	Licensed	Cause and Corrective Action	on to Prevent Recurrence
		F - Forced	Hours		Shutdown R/X	Event Report		
		S - Scheduled				No.		
			No	Outages	for the Month			
i								
ummaı	y:							
) Reas	on						(2) Method	
	pment failure	(Explain)	E - Operato	r Training/Lice	ense Examination		1 - Manual	2 - Manual Trip/Scram
- Main	tenance or Te	st	F - Adminis	strative			3 - Automatic Trip/Scram	4 - Continuation

- B Maintenance or Test
- C Refueling
- D Regulatory restriction
- G Operator Error (Explain)
- H Other (Explain)

- 3 Automatic Trip/Scram 4 Continuation
- 5 Other (Explain)

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1. Facility name: Oconee Unit 3

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- 2. Scheduled next refueling shutdown: October 2004
- 3. Scheduled restart following refueling: December 2004

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: 476
- (c) in the ISFSI: See Unit 1 ****
- 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 COMPANYDATE: September 15, 2003

Name of Contact:R. A. WilliamsPhone: (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

JULY 2003

1. Personnel Exposure -

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

	Docket No. Date Completed B Telephone	<u>50-369</u> September 15,2003 y <u>Roger Williams</u> 704-382-5346
Operating Status		
1. Unit Name: McGuire 1		
2. Reporting Period: August 1, 200	3	
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 (Gro	1144	MVA * .90 power
7. Maximum Dependable Capacity(Net 1	1100	factor per Page iii,
8. If Changes Occured in Capacity Ratin	-7) Since Last Report, Give Reasons:	NUREG-0020.
9. Power Level To Which Restricted, If . 10. Reason for Restrictions, If any:		

	This Month	YTD	Cumulative
11. Hours in Reporting Period	744.0	5831.0	190655.0
12. Number of Hours Reactor was Critical	744.0	5831.0	148856.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	5831.0	147555.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2520630	19754261	476659516
17. Gross Electrical Energy Generated (MWH)	848259	6845263	164347921
18. Net Electrical Energy Generated (MWH)	816077	6603021	157518864
19. Unit Service Factor	100.0	100.0	77.4
20. Unit Availability Factor	100.0	100.0	77.4
21. Unit Capacity Factor (Using MDC Net)	99.7	102.9	72.9
22. Unit Capacity Factor (Using DER Net)	93.0	96.0	70.0
23. Unit Forced Outage Rate	0.0	0.0	9.0
24 Shutdown Scheduled Over Next 6 Months (Tyme, Date and Duration (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		

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UNIT SHUTDOWNS

DOCKET NO. <u>50-369</u> UNIT NAME: <u>McGuire 1</u> DATE: <u>September 15, 2003</u> COMPLETED BY: <u>Roger Williams</u> TELEPHONE: <u>704-382-5346</u>

REPORT MONTH: August, 2003

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		
Immar	у:					I	
) Beer							(2) Mathad

(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 4 Continuation

2 - Manual Trip/Scram

5 - Other (Explain)

3C - 9/15/2003

1. Facility name: McGuire Unit 1

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- 2. Scheduled next refueling shutdown: March 2004
- 3. Scheduled restart following refueling: <u>April 2004</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>1011</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: November 2005

DUKE POWER COMPA	DATE:	September 15, 2003	
Name of Contact:	R. A. Williams	Phone:	<u>(704) - 382-5346</u>

	Docket N Date Complete Telephor	ed By	<u>50-370</u> <u>September 15,2003</u> <u>Roger Williams</u> <u>704-382-5346</u>	
Operating Status				
1. Unit Name: McGuire 2				
2. Reporting Period: August 1, 2003 - August 31, 2003				
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, NUREG-0020.	
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since 3	Last 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	5831.0	170951.0	
12. Number of Hours Reactor was Critical	744.0	5831.0	141617.8	
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0	
14. Hours Generator On-Line	744.0	5831.0	140364.0	
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0	
16. Gross Thermal Energy Generated (MWH)	2535741	19695970	463884330	
17. Gross Electrical Energy Generated (MWH)	855967	6827743	16138384	
18. Net Electrical Energy Generated (MWH)	824819	6586086	154968880	

17. Gloss Licencal Licegy Concharce (MWII)	055707	0021145	101505040
18. Net Electrical Energy Generated (MWH)	824819	6586086	154968880
19. Unit Service Factor	100.0	100.0	82.1
20. Unit Availability Factor	100.0	100.0	82.1
21. Unit Capacity Factor (Using MDC Net)	100.8	102.7	80.4
22. Unit Capacity Factor (Using DER Net)	94.0	95.7	76.8
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)

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	Forcast	Achieved
Initial Criticality		
Initial Electricity		
Commercial Operation		

DOCKET NO. 50-370 UNIT NAME: McGuire 2 DATE: September 15, 2003 COMPLETED BY: Roger Williams TELEPHONE: 704-382-5346

REPORT MONTH: August, 2003

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		
mmar	у:	_				L	
<u> </u>		<u></u>					
) Reas - Equir	o n pment failure	(Explain)	E - Operato	r Training/Lice	ense Examination		(2) Method1 - Manual2 - Manual Trip/Scram

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

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

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1. Facility name: McGuire Unit 2

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- 2. Scheduled next refueling shutdown: September 2003
- 3. Scheduled restart following refueling: October 2003

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.

(b)

- 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
 - in the spent fuel pool: 1061
- (c) in the ISFSI: 320
- 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: June 2003

DUKE POWER COMPA	ANY	DATE:	September 15, 2003
Name of Contact:	R. A. Williams	Phone:	(704) - 382-5346

MCGUIRE NUCLEAR STATION

MONTHLY OPERATING STATUS REPORT

JULY 2003

1. Personnel Exposure -

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The total station liquid release for JULY 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 JULY 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 September 15,2003 Roger Williams 704-382-5346	
Operating Status				
1. Unit Name: Catawba 1				
2. Reporting Period: August 1, 2003 - August 31, 2003				
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.	
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last R	eport, 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	5831.0	159312.0	
12. Number of Hours Reactor was Critical	674.1	5730.7	132835.9	
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0	
14. Hours Generator On-Line	674.1	5724.0	131319.6	
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0	
16. Gross Thermal Energy Generated (MWH)	2237777	19414180	434278665	

To. Gross Thermal Energy Generated (WWH)	2237777	19414100	434278003
17. Gross Electrical Energy Generated (MWH)	792633	6935333	154181256
18. Net Electrical Energy Generated (MWH)	747855	6577667	145475353
19. Unit Service Factor	90.6	98.2	82.4
20. Unit Availability Factor	90.6	98.2	82.4
21. Unit Capacity Factor (Using MDC Net)	89.0	99.9	80.7
22. Unit Capacity Factor (Using DER Net)	87.8	98.5	79.8
23. Unit Forced Outage Rate	9.4	1.8	5.4

24. Shutdown Scheduled Over Next 6 Months (Type, Date and Duration of Each)

25. If ShutDown At End Of Report Period, Estimated Date of Startup

26. Units in Test Status (Prior to Commercial Operation)

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	Forcast	Achieved
Initial Criticality	<u></u>	
Initial Electricity		
Commercial Operation		

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UNIT SHUTDOWNS

DOCKET NO. <u>50-413</u> UNIT NAME: <u>Catawba 1</u> DATE: <u>September 15, 2003</u> COMPLETED BY: <u>Roger Williams</u> TELEPHONE: <u>704-382-5346</u>

REPORT MONTH: August, 2003

No.	Date:	Type F - Forced	Duration Hours	(1) Reason	(2) Method of Shutdown R/X	Event Report	Cause and Corrective Action to Prevent Recurrence
		S - Scheduled				No.	
2	08/29/03	F	69.95	Α	3		AUTOMATIC TRIP WAS INITIATED DUE TO RESISTANCE TEMPERATURE DETECTOR TRIPPED BY FAILURE OF PRESSURIZER CHANNEL 2 FAILING LOW

Summary:

Catawba unit 1 began the month of August operating at approximately 100% power. On 08/14/03 at 1130 the unit began decreasing power and held at 95% power from 1529 to to 08/29/03 at 0203 to evaluate options for repair of the reactor coolant loop "1A" hot leg resistance temperature detector failure. On 08/29/03 at 0203 a automatic reactor trip was initiated due to resistance temperature detector tripped by failure of pressurizer pressure channel 2 failing low. The unit was in the 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: Catawba Unit 1

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- 2. Scheduled next refueling shutdown: November 2003
- 3. Scheduled restart following refueling: December 2003

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>944</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 COMPANYDATE:September 15, 2003Name of Contact:R. A. WilliamsPhone:(704) - 382-5346

		Docket No. Date Completed By Telephone	<u>50-414</u> <u>September 15,2003</u> <u>Roger Williams</u> <u>704-382-5346</u>
Operating Status			
1. Unit Name: Catawb	12		
2. Reporting Period: August	1, 2003 - August 31, 2003		
3. Licensed Thermal Power (MW	't):	3411	Notes: *Nameplate
4. Nameplate Rating (Gross MW	e):	1305 *	Rating (GrossMWe)
5. Design Electrical Rating (Net]	vIwe):	1145	calculated as 1450.000
6. Maximum Dependable Capaci	y (Gross MWe):	1192	MVA * .90 power
7. Maximum Dependable Capaci	:y(Net MWe):	1129	factor per Page iii, NUREG-0020.
8. If Changes Occured in Capacit	y Ratings (Items Number 3-7) Since Last Re	eport, Give Reasons:	NUKEG-0020.
9. Power Level To Which Restric	rted, If Any (Net MWe):		
10. Reason for Restrictions, If an	y:		t the second

	This Month	YTD	Cumulative
11. Hours in Reporting Period	744.0	5831.0	149328.0
12. Number of Hours Reactor was Critical	744.0	5219.5	125024.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	5188.0	123568.8
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2530663	17452210	406422037
17. Gross Electrical Energy Generated (MWH)	898023	6249519	144895568
18. Net Electrical Energy Generated (MWH)	852748	5932534	136917349
19. Unit Service Factor	100.0	89.0	82.7
20. Unit Availability Factor	100.0	89.0	82.7
21. Unit Capacity Factor (Using MDC Net)	101.5	90.1	81.1
22. Unit Capacity Factor (Using DER Net)	100.1	88.9	80.1
23. Unit Forced Outage Rate	0.0	0.2	6.6
24 Shutdown Scheduled Over Next 6 Months (Tune Date and Duratic	on 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)

	Forcast	Achieved
Initial Criticality		
Initial Electricity		
Commercial Operation		

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UNIT SHUTDOWNS

DOCKET NO. <u>50-414</u> UNIT NAME: Catawba 2 DATE: September 15, 2003 COMPLETED BY: Roger Williams **TELEPHONE:** 704-382-5346

REPORT MONTH: August, 2003

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		
ummar	y:	.l				I	
1) Reas	on		<u> </u>				(2) Method

- A Equipment failure (Explain)
- B Maintenance or Test
- C Refueling
- D Regulatory restriction
- F Administrative
- G Operator Error (Explain)
- H Other (Explain)

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

1. Facility name: Catawba Unit 2

- 2. Scheduled next refueling shutdown: September 2004
- 3. Scheduled restart following refueling: October 2004

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.
- Important licensing considerations (new or different design or supplier, unreviewed design or 6. performance analysis methods, significant changes in design or new operating procedures).
- 7. Number of Fuel assemblies
- (a) in the core: 193 in the spent fuel pool: 917 (b)
- 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: May 2012

DUKE POWER COMPA	DATE:	September 15, 2003	
Name of Contacts	D A Williama	Dhomas	(704) 282 5246

Name of Contact:

R. A. Williams

Phone: (704) - 382-5340

CATAWBA NUCLEAR STATION

MONTHLY OPERATING STATUS REPORT

JULY 2003

1. Personnel Exposure -

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