Duke Power
A Duke Energy Company

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October 14, 2004

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 – September, 2004

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

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

William R. McCollum, Jr.

Attachment

IE24

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
Mail Stop O-8 H12
Washington, DC 20555

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

Operating Data Report

Docket No. 50-269
Date October 13,2004
Completed By Roger Williams
Telephone 704-382-5346

Operating Status

1. Unit Name: Oconee 1
2. Reporting Period: September 1, 2004 - September 30, 2004
3. Licensed Thermal Power (MWt): 2568
4. Nameplate Rating (Gross MWe): 934
5. Design Electrical Rating (Net Mwe): 886
6. Maximum Dependable Capacity (Gross MWe): 886
7. Maximum Dependable Capacity(Net MWe): 846
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons:

Notes: Year-to-date and cumulative capacity factors are calculated using a weighted average for maximum dependable capacity.

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reason for Restrictions, If any: _____

	This Month	YTD	Cumulative
11. Hours in Reporting Period	720.0	6575.0	273600.0
12. Number of Hours Reactor was Critical	720.0	6464.6	216373.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	667.6	6340.7	212688.8
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1719533	16145120	527068866
17. Gross Electrical Energy Generated (MWH)	585029	5614520	182363633
18. Net Electrical Energy Generated (MWH)	556649	5367101	173486126
19. Unit Service Factor	92.7	96.4	77.7
20. Unit Availability Factor	92.7	96.4	77.7
21. Unit Capacity Factor (Using MDC Net)	91.4	96.5	74.3
22. Unit Capacity Factor (Using DER Net)	87.3	92.1	71.6
23. Unit Forced Outage Rate	0.0	2.8	9.0

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

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

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

	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. 50-269
UNIT NAME: Oconee 1
DATE: October 13, 2004
COMPLETED BY: Roger Williams
TELEPHONE: 704-382-5346

REPORT MONTH: September, 2004

No.	Date:	Type F - Forced S - Scheduled	Duration Hours	(1) Reason	(2) Method of Shutdown R/X	Licensed Event Report No.	Cause and Corrective Action to Prevent Recurrence
5	09/04/04	S	52.43	A	--		INSPECTION OF HEATER DRAIN PIPING

Summary:
Oconee unit 1 began the month of September operating at approximately 100% power until 09/04/04 at 1600 when the unit began reducing power to enable inspection of heater drain piping for erosion in response to operating experience from Japan. The unit held at 18% power from 1750 to 1814 when the unit was taken off-line to perform the inspection of the heater drain piping. The unit was placed on-line holding at 18% power until 2325 on 09/06/04. During power escalation, the unit held at 35% power from 09/07/04 at 0050 to 0222 due to several extraction valves not staying open. The unit held at 90% power from 0755 to 0823 for nuclear instrumentation calibration check. On 09/07/04 from 0929 to 0957 the unit held at 97% power to withdraw control rod group 8 for imbalance control. The unit held at 98% power from 1008 to 1345 due to nuclear instrumentation power range flux high and at 99% power from 1405 to 09/08/04 at 0020 due to nuclear instrumentation calibration. The unit returned to 100% power on 09/08/04 at 0138 and the unit operated at or near 100% the remainder of the month.

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

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 1

2. Scheduled next refueling shutdown: April 2005

3. Scheduled restart following refueling: May 2005

THE PROJECT MANAGER HAS BEEN ADVISED BY SEPARATE COMMUNICATION OF ANY T.S. CHANGE OR LICENSE AMENDMENT. THEREFORE, QUESTIONS 4 THROUGH 6 WILL NO LONGER BE MAINTAINED IN THIS REPORT.

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

If yes, what will these be?

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions?

5. Scheduled date(s) for submitting proposed licensing action and supporting information.

6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures).

7. Number of Fuel assemblies
   (a) in the core: 177
   (b) in the spent fuel pool: 926*
   (c) in the ISFSI: 1968**

8. Present licensed fuel pool capacity: 1312
   Size of requested or planned increase: **

9. Projected date of last refueling which can be accommodated by present capacity: January 2005***

DUKE POWER COMPANY DATE: October 13, 2004

Name of Contact: R. A. Williams Phone: (704) - 382-5346

* Represents the combined total for Units 1 and 2

** On March 29, 1990, received a site specific license for ISFSI which will store 2112 assemblies (88 modules). Forty (40) site specific modules were constructed and loaded.

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

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

Operating Data Report

Docket No.	50-270
Date	October 13,2004
Completed By	Roger Williams
Telephone	704-382-5346

Operating Status

1. Unit Name: Oconee 2
2. Reporting Period: September 1, 2004 - September 30, 2004
3. Licensed Thermal Power (MWt): 2568
4. Nameplate Rating (Gross MWe): 934
5. Design Electrical Rating (Net Mwe): 886
6. Maximum Dependable Capacity (Gross MWe): 886
7. Maximum Dependable Capacity(Net MWe): 846
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons:

Notes: Year-to-date and cumulative capacity factors are calculated using a weighted average for maximum dependable capacity.

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reason for Restrictions, If any:

	This Month	YTD	Cumulative
11. Hours in Reporting Period	720.0	6575.0	263520.0
12. Number of Hours Reactor was Critical	720.0	4536.6	214382.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	4443.9	211710.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1848960	11226885	524271806
17. Gross Electrical Energy Generated (MWH)	645975	3940748	180490673
18. Net Electrical Energy Generated (MWH)	618212	3755816	172050854
19. Unit Service Factor	100.0	67.6	80.3
20. Unit Availability Factor	100.0	67.6	80.3
21. Unit Capacity Factor (Using MDC Net)	101.5	67.5	76.5
22. Unit Capacity Factor (Using DER Net)	96.9	64.5	73.7
23. Unit Forced Outage Rate	0.0	5.0	8.2

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

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

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

	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. 50-270
UNIT NAME: Oconee 2
DATE: October 13, 2004
COMPLETED BY: Roger Williams
TELEPHONE: 704-382-5346

REPORT MONTH: September, 2004

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

Summary:

(1) Reason

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

(2) Method

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 2

2. Scheduled next refueling shutdown: October, 2005

3. Scheduled restart following refueling: November, 2005

THE PROJECT MANAGER HAS BEEN ADVISED BY SEPARATE COMMUNICATION OF ANY T.S. CHANGE OR LICENSE AMENDMENT. THEREFORE, QUESTIONS 4 THROUGH 6 WILL NO LONGER BE MAINTAINED IN THIS REPORT.

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

If yes, what will these be?

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions?

5. Scheduled date(s) for submitting proposed licensing action and supporting information.

6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures).

7. Number of Fuel assemblies
   (a) in the core: 177
   (b) in the spent fuel pool: 926*
   (c) in the ISFSI: See unit 1 ****

8. Present licensed fuel pool capacity: 1312
   Size of requested or planned increase: **

9. Projected date of last refueling which can be accommodated by present capacity: January 2005***

DUKE POWER COMPANY DATE: October 13, 2004

Name of Contact: R. A. Williams Phone: (704) - 382-5346

* Represents the combined total for Units 1 and 2

** See footnote on Unit 1

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

**** See footnote on Unit 1

Operating Data Report

Docket No.	50-287
Date	October 13,2004
Completed By	Roger Williams
Telephone	704-382-5346

Operating Status

1. Unit Name: Oconee 3
2. Reporting Period: September 1, 2004 - September 30, 2004
3. Licensed Thermal Power (MWt): 2568
4. Nameplate Rating (Gross MWe): 934
5. Design Electrical Rating (Net Mwe): 886
6. Maximum Dependable Capacity (Gross MWe): 886
7. Maximum Dependable Capacity(Net MWe): 846
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons:

Notes: Year-to-date and cumulative capacity factors are calculated using a weighted average for maximum dependable capacity.

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reason for Restrictions, If any:

	This Month	YTD	Cumulative
11. Hours in Reporting Period	720.0	6575.0	261167.0
12. Number of Hours Reactor was Critical	720.0	6540.3	209159.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	6506.5	206380.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1848344	16655432	516831184
17. Gross Electrical Energy Generated (MWH)	641205	5831269	178988445
18. Net Electrical Energy Generated (MWH)	613765	5588511	170803188
19. Unit Service Factor	100.0	99.0	79.0
20. Unit Availability Factor	100.0	99.0	79.0
21. Unit Capacity Factor (Using MDC Net)	100.8	100.5	76.7
22. Unit Capacity Factor (Using DER Net)	96.2	95.9	73.8
23. Unit Forced Outage Rate	0.0	1.0	8.7

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

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

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

	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. 50-287
UNIT NAME: Oconee 3
DATE: October 13, 2004
COMPLETED BY: Roger Williams
TELEPHONE: 704-382-5346

REPORT MONTH: September, 2004

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

(1) Reason

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

(2) Method

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 3

2. Scheduled next refueling shutdown: October 2004

3. Scheduled restart following refueling: January 2005

THE PROJECT MANAGER HAS BEEN ADVISED BY SEPARATE COMMUNICATION OF ANY T.S. CHANGE OR LICENSE AMENDMENT. THEREFORE, QUESTIONS 4 THROUGH 6 WILL NO LONGER BE MAINTAINED IN THIS REPORT.

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

   If yes, what will these be?

   If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions?

5. Scheduled date(s) for submitting proposed licensing action and supporting information.

6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures).

7. Number of Fuel assemblies
   (a) in the core: 177
   (b) in the spent fuel pool: 428
   (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: October 13, 2004

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

AUGUST 2004

1. Personnel Exposure -

The total station liquid release for AUGUST 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 AUGUST 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. 50-369
Date October 13,2004
Completed By Roger Williams
Telephone 704-382-5346

Operating Status

1. Unit Name: McGuire 1
2. Reporting Period: September 1, 2004 - September 30, 2004
3. Licensed Thermal Power (MWt): 3411
4. Nameplate Rating (Gross MWe): 1305 *
5. Design Electrical Rating (Net Mwe): 1180
6. Maximum Dependable Capacity (Gross MWe): 1144
7. Maximum Dependable Capacity(Net MWe): 1100
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons:

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

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reason for Restrictions, If any:

	This Month	YTD	Cumulative
11. Hours in Reporting Period	720.0	6575.0	200159.0
12. Number of Hours Reactor was Critical	720.0	5706.0	157491.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	5687.5	156172.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2450534	19296776	505941588
17. Gross Electrical Energy Generated (MWH)	837628	6656597	174440792
18. Net Electrical Energy Generated (MWH)	807206	6409912	167238223
19. Unit Service Factor	100.0	86.5	78.0
20. Unit Availability Factor	100.0	86.5	78.0
21. Unit Capacity Factor (Using MDC Net)	101.9	88.6	73.8
22. Unit Capacity Factor (Using DER Net)	95.0	82.6	70.8
23. Unit Forced Outage Rate	0.0	2.3	8.7

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

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

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

	Forcast	Achieved
Initial Criticality		
Initial Electricity		
Commercial Operation		

UNIT SHUTDOWNS

DOCKET NO. 50-369
UNIT NAME: McGuire 1
DATE: October 13, 2004
COMPLETED BY: Roger Williams
TELEPHONE: 704-382-5346

REPORT MONTH: September, 2004

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

Summary:

(1) Reason

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

(2) Method

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire Unit 1

2. Scheduled next refueling shutdown: September 2005

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: 193
(b) in the spent fuel pool: 1091

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: November 2005

DUKE POWER COMPANY DATE: October 13, 2004

Name of Contact: R. A. Williams Phone: (704) - 382-5346

Operating Data Report

Docket No.	50-370
Date	October 13,2004
Completed By	Roger Williams
Telephone	704-382-5346

Operating Status

1. Unit Name: McGuire 2
2. Reporting Period: September 1, 2004 - September 30, 2004
3. Licensed Thermal Power (MWt): 3411
4. Nameplate Rating (Gross MWe): 1305 *
5. Design Electrical Rating (Net Mwe): 1180
6. Maximum Dependable Capacity (Gross MWe): 1144
7. Maximum Dependable Capacity(Net MWe): 1100
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons:

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

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reason for Restrictions, If any:

	This Month	YTD	Cumulative
11. Hours in Reporting Period	720.0	6575.0	180455.0
12. Number of Hours Reactor was Critical	720.0	6575.0	150415.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	6575.0	149132.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2454282	22402667	493604541
17. Gross Electrical Energy Generated (MWH)	838299	7744249	171670686
18. Net Electrical Energy Generated (MWH)	807510	7467454	164878056
19. Unit Service Factor	100.0	100.0	82.6
20. Unit Availability Factor	100.0	100.0	82.6
21. Unit Capacity Factor (Using MDC Net)	102.0	103.2	81.1
22. Unit Capacity Factor (Using DER Net)	95.0	96.2	77.4
23. Unit Forced Outage Rate	0.0	0.0	5.0

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

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

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

	Forcast	Achieved
Initial Criticality		
Initial Electricity		
Commercial Operation		

UNIT SHUTDOWNS

DOCKET NO. 50-370
UNIT NAME: McGuire 2
DATE: October 13, 2004
COMPLETED BY: Roger Williams
TELEPHONE: 704-382-5346

REPORT MONTH: September, 2004

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

(1) Reason

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

(2) Method

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: McGuire Unit 2

2. Scheduled next refueling shutdown: March 2005

3. Scheduled restart following refueling: April 2005

THE PROJECT MANAGER HAS BEEN ADVISED BY SEPARATE COMMUNICATION OF ANY T.S. CHANGE OR LICENSE AMENDMENT. THEREFORE, QUESTIONS 4 THROUGH 6 WILL NO LONGER BE MAINTAINED IN THIS REPORT.

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

If yes, what will these be?

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions?

5. Scheduled date(s) for submitting proposed licensing action and supporting information.

6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures).

7. Number of Fuel assemblies
   (a) in the core: 193
   (b) in the spent fuel pool: 1138
   (c) in the ISFSI: 320

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: October 13, 2004

Name of Contact: R. A. Williams Phone: (704) - 382-5346

McGUIRE NUCLEAR STATION

MONTHLY OPERATING STATUS REPORT

AUGUST 2004

1. Personnel Exposure -

The total station liquid release for AUGUST 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 AUGUST 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 October 13,2004
Completed By Roger Williams
Telephone 704-382-5346

Operating Status

1. Unit Name: Catawba 1
2. Reporting Period: September 1, 2004 - September 30, 2004
3. Licensed Thermal Power (MWt): 3411
4. Nameplate Rating (Gross MWe): 1305 *
5. Design Electrical Rating (Net Mwe): 1145
6. Maximum Dependable Capacity (Gross MWe): 1192
7. Maximum Dependable Capacity(Net MWe): 1129
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons:

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

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reason for Restrictions, If any:

	This Month	YTD	Cumulative
11. Hours in Reporting Period	720.0	6575.0	168816.0
12. Number of Hours Reactor was Critical	720.0	6465.1	141054.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	6459.6	139220.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2450295	21453083	460645249
17. Gross Electrical Energy Generated (MWH)	872017	7645023	163545456
18. Net Electrical Energy Generated (MWH)	825819	7241929	154317535
19. Unit Service Factor	100.0	98.2	82.5
20. Unit Availability Factor	100.0	98.2	82.5
21. Unit Capacity Factor (Using MDC Net)	101.6	97.6	80.8
22. Unit Capacity Factor (Using DER Net)	100.2	96.2	79.8
23. Unit Forced Outage Rate	0.0	1.7	5.5

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

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

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

	Forcast	Achieved
Initial Criticality		
Initial Electricity		
Commercial Operation		

UNIT SHUTDOWNS

DOCKET NO. 50-413
UNIT NAME: Catawba 1
DATE: October 13, 2004
COMPLETED BY: Roger Williams
TELEPHONE: 704-382-5346

REPORT MONTH: September, 2004

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

Summary:

(1) Reason

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

(2) Method

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Catawba Unit 1

2. Scheduled next refueling shutdown: May 2005

3. Scheduled restart following refueling: June 2005

THE PROJECT MANAGER HAS BEEN ADVISED BY SEPARATE COMMUNICATION OF ANY T.S. CHANGE OR LICENSE AMENDMENT. THEREFORE, QUESTIONS 4 THROUGH 6 WILL NO LONGER BE MAINTAINED IN THIS REPORT.

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

If yes, what will these be?

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions?

5. Scheduled date(s) for submitting proposed licensing action and supporting information.

6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures).

7. Number of Fuel assemblies (a) in the core: 193
(b) in the spent fuel pool: 1021

8. Present licensed fuel pool capacity: 1418
Size of requested or planned increase: ---

9. Projected date of last refueling which can be accommodated by present license capacity: November 2009

DUKE POWER COMPANY DATE: October 13, 2004

Name of Contact: R. A. Williams Phone: (704) - 382-5346

Operating Data Report

Docket No. 50-414
Date October 13,2004
Completed By Roger Williams
Telephone 704-382-5346

Operating Status

1. Unit Name: Catawba 2
2. Reporting Period: September 1, 2004 - September 30, 2004
3. Licensed Thermal Power (MWt): 3411
4. Nameplate Rating (Gross MWe): 1305 *
5. Design Electrical Rating (Net Mwe): 1145
6. Maximum Dependable Capacity (Gross MWe): 1192
7. Maximum Dependable Capacity(Net MWe): 1129
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons:

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

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reason for Restrictions, If any:

	This Month	YTD	Cumulative
11. Hours in Reporting Period	720.0	6575.0	158832.0
12. Number of Hours Reactor was Critical	245.2	6100.2	134053.7
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	244.9	6099.9	132597.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	809659	20751237	437105906
17. Gross Electrical Energy Generated (MWH)	288054	7429358	155890632
18. Net Electrical Energy Generated (MWH)	270622	7059703	147362683
19. Unit Service Factor	34.0	92.8	83.5
20. Unit Availability Factor	34.0	92.8	83.5
21. Unit Capacity Factor (Using MDC Net)	33.3	95.1	82.1
22. Unit Capacity Factor (Using DER Net)	32.8	93.8	81.0
23. Unit Forced Outage Rate	0.0	0.0	6.2

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

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

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

	Forcast	Achieved
Initial Criticality		
Initial Electricity		
Commercial Operation		

UNIT SHUTDOWNS

DOCKET NO. 50-414
UNIT NAME: Catawba 2
DATE: October 13, 2004
COMPLETED BY: Roger Williams
TELEPHONE: 704-382-5346

REPORT MONTH: September, 2004

No.	Date:	Type F - Forced S - Scheduled	Duration Hours	(1) Reason	(2) Method of Shutdown R/X	Licensed Event Report No.	Cause and Corrective Action to Prevent Recurrence
1	09/11/04	S	475.07	C	1		END-OF-CYCLE 13 REFUELING OUTAGE

Summary:
Catawba unit 2 began the month of September operating at 100% power until 09/08/04 at 0248 when the unit began coasting down to end-of-cycle 13 refueling outage. The unit held at 94.5% from 09/09/04 at 0025 to 09/10/04 at 2100 to perform main steam safety valve testing. The unit was taken off-line 09/11/04 at 0456 to begin end-of-cycle 13 refueling outage and was in the end-of-cycle 13 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)

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Catawba Unit 2

2. Scheduled next refueling shutdown: Currently Refueling

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.

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: 993

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 COMPANY DATE: October 13, 2004

Name of Contact: R. A. Williams Phone: (704) - 382-5346

CATAWBA NUCLEAR STATION

MONTHLY OPERATING STATUS REPORT

AUGUST 2004

1. Personnel Exposure -

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