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July 17, 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 June, 2003.

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

Sincerely,

M. S. Tuckman
M. S. Tuckman

JE24

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**U.S. Nuclear Regulatory Commission
Monthly Performance and Operation Status
July 17, 2003**

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Nuclear Assurance Corporation
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**INPO Records Center
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**Dottie Sherman, ANI Library
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Town Center, Suite 300S
29 South Main Street
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**M. Shannon, Senior Resident Inspector, Oconee Nuclear Station
J. Brady, Senior Resident Inspector, McGuire Nuclear Station
E. Guthrie, Senior Resident Inspector, Catawba Nuclear Station**

Operating Data Report

Docket No.	<u>50-269</u>
Date	<u>July 15, 2003</u>
Completed By	<u>Roger Williams</u>
Telephone	<u>704-382-5346</u>

Operating Status

- | | |
|---|------------------------------|
| 1. Unit Name: | Oconee 1 |
| 2. Reporting Period: | June 1, 2003 - June 30, 2003 |
| 3. Licensed Thermal Power (MWt): | 2568 |
| 4. Nameplate Rating (Gross MWe): | 934 |
| 5. Design Electrical Rating (Net Mwe): | 886 |
| 6. Maximum Dependable Capacity (Gross MWe): | 886 |
| 7. Maximum Dependable Capacity(Net MWe): | 846 |
| 8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons: | |

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

9. Power Level To Which Restricted, If Any (Net MWe): _____

10. Reason for Restrictions, If any: _____

	This Month	YTD	Cumulative
11. Hours in Reporting Period	720.0	4343.0	262608.0
12. Number of Hours Reactor was Critical	720.0	4343.0	207906.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	4343.0	204403.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1848344	11058015	506260669
17. Gross Electrical Energy Generated (MWH)	648607	3886259	175137566
18. Net Electrical Energy Generated (MWH)	621213	3725087	166599133
19. Unit Service Factor	100.0	100.0	77.8
20. Unit Availability Factor	100.0	100.0	77.8
21. Unit Capacity Factor (Using MDC Net)	102.0	101.4	74.3
22. Unit Capacity Factor (Using DER Net)	97.4	96.8	71.6
23. Unit Forced Outage Rate	0.0	0.0	9.1
24. Shutdown Scheduled Over Next 6 Months (Type, Date and Duration of Each)			

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

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

	Forecast	Achieved
Initial Criticality	_____	_____
Initial Electricity	_____	_____
Commercial Operation	_____	_____

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

UNIT SHUTDOWNS

DOCKET NO. 50-269
UNIT NAME: Oconee 1
DATE: June 16, 2003
COMPLETED BY: Roger Williams
TELEPHONE: 704-382-5346

REPORT MONTH: May, 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		

Summary:

(1) Reason

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

(2) Method

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Oconee Unit 1
2. Scheduled next refueling shutdown: 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: 902*
(c) in the ISFSI: 1824****
8. Present licensed fuel pool capacity: 1312
Size of requested or planned increase: **
9. Projected date of last refueling which can be accommodated by present capacity: January 2005***

DUKE POWER COMPANY

DATE: July 15, 2003

Name of Contact:

R. A. Williams

Phone: (704) - 382-5346

* Represents the combined total for Units 1 and 2

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

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

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

Operating Data Report

Docket No.	<u>50-270</u>
Date	<u>July 15, 2003</u>
Completed By	<u>Roger Williams</u>
Telephone	<u>704-382-5346</u>

Operating Status

1. Unit Name: Oconee 2
2. Reporting Period: June 1, 2003 - June 30, 2003
3. Licensed Thermal Power (MWt): 2568
4. Nameplate Rating (Gross MWe): 934
5. Design Electrical Rating (Net Mwe): 886
6. Maximum Dependable Capacity (Gross MWe): 886
7. Maximum Dependable Capacity (Net MWe): 846
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons:

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

9. Power Level To Which Restricted, If Any (Net MWe): _____

10. Reason for Restrictions, If any: _____

	This Month	YTD	Cumulative
11. Hours in Reporting Period	720.0	4343.0	252528.0
12. Number of Hours Reactor was Critical	720.0	4343.0	205428.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	4343.0	202849.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1846495	11143682	501697237
17. Gross Electrical Energy Generated (MWH)	646251	3927614	172580598
18. Net Electrical Energy Generated (MWH)	619460	3769394	164495712
19. Unit Service Factor	100.0	100.0	80.3
20. Unit Availability Factor	100.0	100.0	80.3
21. Unit Capacity Factor (Using MDC Net)	101.7	102.6	76.3
22. Unit Capacity Factor (Using DER Net)	97.1	98.0	73.5
23. Unit Forced Outage Rate	0.0	0.0	8.4
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)

	Forecast	Achieved
Initial Criticality	_____	_____
Initial Electricity	_____	_____
Commercial Operation	_____	_____

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

UNIT SHUTDOWNS

DOCKET NO. 50-270
UNIT NAME: Oconee 2
DATE: July 15, 2003
COMPLETED BY: Roger Williams
TELEPHONE: 704-382-5346

REPORT MONTH: June, 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		

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: 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: 902*
 (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: July 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

Operating Data Report

Docket No.	<u>50-287</u>
Date	<u>July 15, 2003</u>
Completed By	<u>Roger Williams</u>
Telephone	<u>704-382-5346</u>

Operating Status

1. Unit Name: Oconee 3
2. Reporting Period: June 1, 2003 - June 30, 2003
3. Licensed Thermal Power (MWt): 2568
4. Nameplate Rating (Gross MWe): 934
5. Design Electrical Rating (Net Mwe): 886
6. Maximum Dependable Capacity (Gross MWe): 886
7. Maximum Dependable Capacity (Net MWe): 846
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons:

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

9. Power Level To Which Restricted, If Any (Net MWe): _____

10. Reason for Restrictions, If any: _____

	This Month	YTD	Cumulative
11. Hours in Reporting Period	720.0	4343.0	250175.0
12. Number of Hours Reactor was Critical	360.8	3123.8	198176.6
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	289.9	3050.9	195457.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	726641	7578270	488837930
17. Gross Electrical Energy Generated (MWH)	242427	2656563	169205838
18. Net Electrical Energy Generated (MWH)	222456	2533371	161433016
19. Unit Service Factor	40.3	70.2	78.1
20. Unit Availability Factor	40.3	70.2	78.1
21. Unit Capacity Factor (Using MDC Net)	36.5	69.0	75.6
22. Unit Capacity Factor (Using DER Net)	34.9	65.8	72.8
23. Unit Forced Outage Rate	59.7	12.4	9.1
24. Shutdown Scheduled Over Next 6 Months (Type, Date and Duration of Each)			

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

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

	Forecast	Achieved
Initial Criticality	_____	_____
Initial Electricity	_____	_____
Commercial Operation	_____	_____

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

UNIT SHUTDOWNS

DOCKET NO. 50-287

UNIT NAME: Oconee 3

DATE: July 15, 2003

COMPLETED BY: Roger Williams

TELEPHONE: 704-382-5346

REPORT MONTH: June, 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
2	06/01/03	F	108.97	A	4		OUTAGE DELAY OF 4.54 DAYS DUE TO CHROMATE CONTAMINATION IN REACTOR BUILDING
3	06/05/03	F	132.00	A	4		OUTAGE DELAY OF 5.50 DAYS DUE TO POWER OPERATED RELIEF BLOCK VALVE 3RC4 LEAK
4	06/11/03	F	30.00	A	4		OUTAGE DELAY OF 1.25 DAYS DUE TO REHEATER STEAM SUPPLY VALVE CONTROL PROBLEM
5	06/12/03	F	18.50	A	4		OUTAGE DELAY OF 0.77 DAYS DUE TO REACTOR VESSEL HEAD REMOVAL PROBLEM
6	06/13/03	F	47.00	A	4		OUTAGE DELAY OF 1.96 DAYS DUE TO PROBLEM LOADING FUEL ASSEMBLIES
7	06/15/03	F	24.00	A	4		OUTAGE DELAY OF 1 DAY DUE TO TURBINE LUBE OIL SYSTEM

Summary:

The unit began the month of June in end-of-cycle 20 refueling outage. The refueling outage was delayed due to the following: 5.46 days due to chromate contamination in the reactor building, 5.50 days due to power operated relief block valve 3RC4 leak, 1.25 days due to reheater steam supply valve control problem, 0.77 days due to reactor vessel head removal problem, 1.96 days due to problem loading fuel assemblies, 1 day due to turbine lube oil system, 0.17 days due to reactor building polar crane, 0.54 days due to low pressure service water valve control problem, 0.56 days due to control drive system relay problem. The refueling outage spanned 52.20 days. The unit was placed on-line 06/17/03 at 0647 holding at 17% power until 06/17/03 at 0712. The unit held at 26% power from 0839 to 0924 to place turbine steam extractions in service. The unit held at 37% power from 1024 to 1327 due to stator coolant pressure low alarm and main generator pressure decreasing. The unit held at 73% power from 1956 to 06/18/03 (Con'td)

(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)

UNIT SHUTDOWNS

DOCKET NO. 50-287

UNIT NAME: Oconee 3

DATE: July 7, 2003

COMPLETED BY: Roger Williams

TELEPHONE: 704-382-5346

REPORT MONTH: June, 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
8	06/16/03	F	4.00	A	4		OUTAGE DELAY OF 0.17 DAYS DUE TO REACTOR BUILDING POLAR CRANE
9	06/16/03	F	13.00	A	4		OUTAGE DELAY OF 0.54 DAYS DUE TO LOW PRESSURE SERVICE WATER VALVE CONTROL PROBLEM
10	06/16/03	F	13.32	A	4		OUTAGE DELAY OF 0.56 DAYS DUE TO CONTROL DRIVE SYSTEM RELAY PROBLEM
11	06/28/03	F	39.28	A	--		BALANCE TURBINE DUE TO VIBRATION

Summary:

at 0524 due to power escalation testing. The unit resumed power escalation, and held at 89% power from 0854 to 0921 due to nuclear instrumentation calibration check. The unit held at 90% power from 06/18/03 at 0929 to 1028 to evaluate 3D1/3D2 heater drain pump leak. The unit held at 93% pwer from 1151 to 1430 due to nuclear instrumentation calibration. The unit returned to 100% full power on 06/18/03 at 1932 and operated at or near 100% full power until 06/28/03 at 0049 when the unit began decreasing power due to turbine vibration. The unit was taken off-line 06/28/03 at 0344 to balance turbine due to vibration. The unit was placed on-line 06/29/03 at 1901 holding at 15% power until 2008..The unit held at 90% power from 06/30/03 at 0311 to 0428 and at 99% power from 0525 to 0535 due to nuclear instrumentation calibration check. . The unit returned to 100% full power on 06/30/03 at 0550 and operated at or near 100% power the remainder of the month.

(1) Reason

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

(2) Method

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

MONTHLY REFUELING INFORMATION REQUEST

- 1. Facility name: Oconee Unit 3
- 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 ****
- 8. Present licensed fuel pool capacity: 825
Size of requested or planned increase: **
- 9. Projected date of last refueling which can be accommodated by present capacity: January 2005****

DUKE POWER COMPANY

DATE: July 15, 2003

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

MAY 2003

1. Personnel Exposure -

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

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

UNIT SHUTDOWNS

DOCKET NO. 50-287

UNIT NAME: Oconee 3

DATE: June 16, 2003

COMPLETED BY: Roger Williams

TELEPHONE: 704-382-5346

REPORT MONTH: May, 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
1	05/01/03	S	744.00	C	4		END-OF-CYCLE 20 REFUELING OUTAGE
2	06/01/03	F	22.03	A	4		OUTAGE DELAY OF 0.92 DAYS DUE TO CHROMATE CONTAMINATION IN REACTOR BUILDING

Summary:

The unit began the month of May in end-of-cycle 20 refueling outage. The unit remained 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)

Operating Data Report

Docket No. 50-369
 Date July 15, 2003
 Completed By Roger Williams
 Telephone 704-382-5346

Operating Status

1. Unit Name: McGuire 1
2. Reporting Period: June 1, 2003 - June 30, 2003
3. Licensed Thermal Power (MWt): 3411
4. Nameplate Rating (Gross MWe): 1305 *
5. Design Electrical Rating (Net Mwe): 1180
6. Maximum Dependable Capacity (Gross MWe): 1144
7. Maximum Dependable Capacity(Net MWe): 1100
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons:

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

9. Power Level To Which Restricted, If Any (Net MWe): _____

10. Reason for Restrictions, If any: _____

	This Month	YTD	Cumulative
11. Hours in Reporting Period	720.0	4343.0	189167.0
12. Number of Hours Reactor was Critical	720.0	4343.0	147368.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	4343.0	146067.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2453854	14697461	471602716
17. Gross Electrical Energy Generated (MWH)	843753	5136339	162638997
18. Net Electrical Energy Generated (MWH)	812940	4958304	155874147
19. Unit Service Factor	100.0	100.0	77.2
20. Unit Availability Factor	100.0	100.0	77.2
21. Unit Capacity Factor (Using MDC Net)	102.6	103.8	72.7
22. Unit Capacity Factor (Using DER Net)	95.7	96.8	69.8
23. Unit Forced Outage Rate	0.0	0.0	9.1
24. Shutdown Scheduled Over Next 6 Months (Type, Date and Duration of Each)			

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

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

	Forecast	Achieved
Initial Criticality	_____	_____
Initial Electricity	_____	_____
Commercial Operation	_____	_____

UNIT SHUTDOWNS

DOCKET NO. 50-369
UNIT NAME: McGuire 1
DATE: July 15, 2003
COMPLETED BY: Roger Williams
TELEPHONE: 704-382-5346

REPORT MONTH: June, 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		

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: March 2004
3. Scheduled restart following refueling: April 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: 1011
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: July 15, 2003

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

Operating Data Report

Docket No.	<u>50-370</u>
Date	<u>July 15, 2003</u>
Completed By	<u>Roger Williams</u>
Telephone	<u>704-382-5346</u>

Operating Status

- | | |
|---|------------------------------|
| 1. Unit Name: | McGuire 2 |
| 2. Reporting Period: | June 1, 2003 - June 30, 2003 |
| 3. Licensed Thermal Power (MWt): | 3411 |
| 4. Nameplate Rating (Gross MWe): | 1305 * |
| 5. Design Electrical Rating (Net Mwe): | 1180 |
| 6. Maximum Dependable Capacity (Gross MWe): | 1144 |
| 7. Maximum Dependable Capacity(Net MWe): | 1100 |
| 8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons: | |

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

9. Power Level To Which Restricted, If Any (Net MWe): _____

10. Reason for Restrictions, If any: _____

	This Month	YTD	Cumulative
11. Hours in Reporting Period	720.0	4343.0	169463.0
12. Number of Hours Reactor was Critical	720.0	4343.0	140129.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	4343.0	138876.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2450478	14625727	458814087
17. Gross Electrical Energy Generated (MWH)	844976	5108859	159664964
18. Net Electrical Energy Generated (MWH)	814827	4929535	153312329
19. Unit Service Factor	100.0	100.0	82.0
20. Unit Availability Factor	100.0	100.0	82.0
21. Unit Capacity Factor (Using MDC Net)	102.9	103.2	80.2
22. Unit Capacity Factor (Using DER Net)	95.9	96.2	76.7
23. Unit Forced Outage Rate	0.0	0.0	5.3
24. Shutdown Scheduled Over Next 6 Months (Type, Date and Duration of Each)			

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

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

	Forecast	Achieved
Initial Criticality	_____	_____
Initial Electricity	_____	_____
Commercial Operation	_____	_____

UNIT SHUTDOWNS

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

REPORT MONTH: June, 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		

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: 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.
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: 1061
 (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: July 15, 2003

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

McGUIRE NUCLEAR STATION

MONTHLY OPERATING STATUS REPORT

MAY 2003

1. Personnel Exposure -

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

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

Operating Data Report

Docket No.	<u>50-413</u>
Date	<u>July 15, 2003</u>
Completed By	<u>Roger Williams</u>
Telephone	<u>704-382-5346</u>

Operating Status

- | | |
|---|------------------------------|
| 1. Unit Name: | Catawba 1 |
| 2. Reporting Period: | June 1, 2003 - June 30, 2003 |
| 3. Licensed Thermal Power (MWt): | 3411 |
| 4. Nameplate Rating (Gross MWe): | 1305 * |
| 5. Design Electrical Rating (Net Mwe): | 1145 |
| 6. Maximum Dependable Capacity (Gross MWe): | 1192 |
| 7. Maximum Dependable Capacity(Net MWe): | 1129 |
| 8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons: | |

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

9. Power Level To Which Restricted, If Any (Net MWe): _____

10. Reason for Restrictions, If any: _____

	This Month	YTD	Cumulative
11. Hours in Reporting Period	720.0	4343.0	157824.0
12. Number of Hours Reactor was Critical	720.0	4312.6	131417.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	4305.9	129901.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2452047	14642605	429507090
17. Gross Electrical Energy Generated (MWH)	872067	5244925	152490848
18. Net Electrical Energy Generated (MWH)	827166	4978100	143875786
19. Unit Service Factor	100.0	99.1	82.3
20. Unit Availability Factor	100.0	99.1	82.3
21. Unit Capacity Factor (Using MDC Net)	101.8	101.5	80.6
22. Unit Capacity Factor (Using DER Net)	100.3	100.1	79.6
23. Unit Forced Outage Rate	0.0	0.9	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)

	Forecast	Achieved
Initial Criticality	_____	_____
Initial Electricity	_____	_____
Commercial Operation	_____	_____

UNIT SHUTDOWNS

DOCKET NO. 50-413

UNIT NAME: Catawba 1

DATE: July 15, 2003

COMPLETED BY: Roger Williams

TELEPHONE: 704-382-5346

REPORT MONTH: June, 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		

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: 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: 193
(b) in the spent fuel pool: 944
8. Present licensed fuel pool capacity: 1418
Size of requested or planned increase: ---
9. Projected date of last refueling which can be accommodated by present license capacity:
November 2009

DUKE POWER COMPANY

DATE: July 15, 2003

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

Operating Data Report

Docket No.	<u>50-414</u>
Date	<u>July 15, 2003</u>
Completed By	<u>Roger Williams</u>
Telephone	<u>704-382-5346</u>

Operating Status

- | | |
|---|------------------------------|
| 1. Unit Name: | Catawba 2 |
| 2. Reporting Period: | June 1, 2003 - June 30, 2003 |
| 3. Licensed Thermal Power (MWt): | 3411 |
| 4. Nameplate Rating (Gross MWe): | 1305 * |
| 5. Design Electrical Rating (Net Mwe): | 1145 |
| 6. Maximum Dependable Capacity (Gross MWe): | 1192 |
| 7. Maximum Dependable Capacity(Net MWe): | 1129 |
| 8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons: | |

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

9. Power Level To Which Restricted, If Any (Net MWe): _____

10. Reason for Restrictions, If any: _____

	This Month	YTD	Cumulative
11. Hours in Reporting Period	720.0	4343.0	147840.0
12. Number of Hours Reactor was Critical	720.0	3731.5	123536.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	3700.0	122080.8
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2425342	12414248	401384075
17. Gross Electrical Energy Generated (MWH)	865533	4460858	143106907
18. Net Electrical Energy Generated (MWH)	822952	4233645	135218460
19. Unit Service Factor	100.0	85.2	82.6
20. Unit Availability Factor	100.0	85.2	82.6
21. Unit Capacity Factor (Using MDC Net)	101.2	86.3	80.9
22. Unit Capacity Factor (Using DER Net)	99.8	85.1	79.9
23. Unit Forced Outage Rate	0.0	0.3	6.7
24. Shutdown Scheduled Over Next 6 Months (Type, Date and Duration of Each)			

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

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

	Forecast	Achieved
Initial Criticality	_____	_____
Initial Electricity	_____	_____
Commercial Operation	_____	_____

UNIT SHUTDOWNS

DOCKET NO. 50-414UNIT NAME: Catawba 2DATE: July 15, 2003COMPLETED BY: Roger WilliamsTELEPHONE: 704-382-5346REPORT MONTH: June, 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		

Summary:

(1) Reason

A - Equipment failure (Explain)

B - Maintenance or Test

C - Refueling

D - Regulatory restriction

E - Operator Training/License Examination

F - Administrative

G - Operator Error (Explain)

H - Other (Explain)

(2) Method

1 - Manual

3 - Automatic Trip/Scram

5 - Other (Explain)

2 - Manual Trip/Scram

4 - Continuation

CATAWBA NUCLEAR STATION

MONTHLY OPERATING STATUS REPORT

MAY 2003

1. Personnel Exposure -

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

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