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May 16, 2005

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

Subject: Duke Energy Corporation
Oconee Nuclear Station, Docket Nos. 50-269, -270, -287
McGuire Nuclear Station, Docket Nos. 50-369, -370
Catawba Nuclear Station, Docket Nos. 50-413, -414
Monthly Performance and Operation Status – April 2005

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

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

FOR

Henry B. Barron

Attachment

JE24

U.S. Nuclear Regulatory Commission
Monthly Performance and Operation Status
May 16, 2005
Page 2

xc: W. D. Travers, Regional Administrator
U.S. Nuclear Regulatory Commission
Sam Nunn Atlanta Federal Center
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Atlanta, GA 30303-8931

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U.S. Nuclear Regulatory Commission
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Rockville, MD 20852-2738

S. E. Peters, Project Manager (MNS and CNS)
U.S. Nuclear Regulatory Commission
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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
95 Glastonbury Blvd.
Glastonbury, CT 06033

M. Shannon, Senior Resident Inspector, Oconee Nuclear Station
J. Brady, Senior Resident Inspector, McGuire Nuclear Station
E. Guthrie, Senior Resident Inspector, Catawba Nuclear Station

Operating Data Report

Docket No.	<u>50-269</u>
Date	<u>May 16, 2005</u>
Completed By	<u>Roger Williams</u>
Telephone	<u>704-382-5346</u>

Operating Status

1. Unit Name: Oconee 1
2. Reporting Period: April 1, 2005 - April 30, 2005
3. Licensed Thermal Power (MWt): 2568
4. Nameplate Rating (Gross MWe): 934
5. Design Electrical Rating (Net Mwe): 886
6. Maximum Dependable Capacity (Gross MWe): 886
7. Maximum Dependable Capacity (Net MWe): 846
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons:

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

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

10. Reason for Restrictions, If any: _____

	This Month	YTD	Cumulative
11. Hours in Reporting Period	719.0	2879.0	278688.0
12. Number of Hours Reactor was Critical	192.1	2352.1	220935.0
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	191.0	2351.0	217248.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	493056	6036238	538775863
17. Gross Electrical Energy Generated (MWH)	171058	2113447	186455975
18. Net Electrical Energy Generated (MWH)	161395	2022726	177401984
19. Unit Service Factor	26.6	81.7	78.0
20. Unit Availability Factor	26.6	81.7	78.0
21. Unit Capacity Factor (Using MDC Net)	26.5	83.0	74.6
22. Unit Capacity Factor (Using DER Net)	25.3	79.3	71.8
23. Unit Forced Outage Rate	0.0	0.0	8.9
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: May 16, 2005

COMPLETED BY: Roger Williams

TELEPHONE: 704-382-5346

REPORT MONTH: April, 2005

No.	Date:	Type F - Forced S - Scheduled	Duration Hours	(1) Reason	(2) Method of Shutdown R/X	Licensed Event Report No.	Cause and Corrective Action to Prevent Recurrence
1	04/08/05	S	528.03	C	1		END OF CYCLE 22 REFUELING OUTAGE

Summary:

Oconee unit 1 began the month of April operating at approximately 100% power. On 04/08/05 at 2200 the unit began decreasing power and held at 15% power on 04/08/05 from 2325 to 2357 when the unit was taken off-line to begin end of cycle 22 refueling outage. The unit was in the end of cycle 22 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: Oconee Unit 1
2. Scheduled next refueling shutdown: Currently Refueling
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: 962*
 (c) in the ISFSI: 2016**
8. Present licensed fuel pool capacity: 1312
Size of requested or planned increase: **
9. Projected date of last refueling which can be accommodated by present capacity: January 2005***

DUKE POWER COMPANY

DATE: May 16, 2005

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

* Represents the combined total for Units 1 and 2

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

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

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

Operating Data Report

Docket No.	<u>50-270</u>
Date	<u>May 16, 2005</u>
Completed By	<u>Roger Williams</u>
Telephone	<u>704-382-5346</u>

Operating Status

1. Unit Name: Oconee 2
2. Reporting Period: April 1, 2005 - April 30, 2005
3. Licensed Thermal Power (MWt): 2568
4. Nameplate Rating (Gross MWe): 934
5. Design Electrical Rating (Net Mwe): 886
6. Maximum Dependable Capacity (Gross MWe): 886
7. Maximum Dependable Capacity (Net MWe): 846
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons:

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

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

10. Reason for Restrictions, If any: _____

	This Month	YTD	Cumulative
11. Hours in Reporting Period	719.0	2879.0	268608.0
12. Number of Hours Reactor was Critical	719.0	2879.0	219470.4
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	719.0	2879.0	216798.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1845262	7391526	537332860
17. Gross Electrical Energy Generated (MWH)	654245	2621076	185109177
18. Net Electrical Energy Generated (MWH)	628105	2518045	176483082
19. Unit Service Factor	100.0	100.0	80.7
20. Unit Availability Factor	100.0	100.0	80.7
21. Unit Capacity Factor (Using MDC Net)	103.3	103.4	77.0
22. Unit Capacity Factor (Using DER Net)	98.6	98.7	74.2
23. Unit Forced Outage Rate	0.0	0.0	8.0
24. Shutdown Scheduled Over Next 6 Months (Type, Date and Duration of Each)			

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

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

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

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

UNIT SHUTDOWNS

DOCKET NO. 50-270

UNIT NAME: Oconee 2

DATE: May 16, 2005

COMPLETED BY: Roger Williams

TELEPHONE: 704-382-5346

REPORT MONTH: April, 2005

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

Summary:

(1) Reason

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

(2) Method

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

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: 962*
 (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: May 16, 2005

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

* Represents the combined total for Units 1 and 2

** See footnote on Unit 1

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

**** See footnote on Unit 1

Operating Data Report

Docket No.	<u>50-287</u>
Date	<u>May 16, 2005</u>
Completed By	<u>Roger Williams</u>
Telephone	<u>704-382-5346</u>

Operating Status

1. Unit Name: Oconee 3
2. Reporting Period: April 1, 2005 - April 30, 2005
3. Licensed Thermal Power (MWt): 2568
4. Nameplate Rating (Gross MWe): 934
5. Design Electrical Rating (Net Mwe): 886
6. Maximum Dependable Capacity (Gross MWe): 886
7. Maximum Dependable Capacity (Net MWe): 846
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons:

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

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

10. Reason for Restrictions, If any: _____

	This Month	YTD	Cumulative
11. Hours in Reporting Period	719.0	2879.0	266255.0
12. Number of Hours Reactor was Critical	719.0	2742.6	212115.6
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	719.0	2674.2	209247.7
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1836634	6736994	524053949
17. Gross Electrical Energy Generated (MWH)	653268	2400434	181557065
18. Net Electrical Energy Generated (MWH)	627212	2299272	173251212
19. Unit Service Factor	100.0	92.9	78.6
20. Unit Availability Factor	100.0	92.9	78.6
21. Unit Capacity Factor (Using MDC Net)	103.1	94.4	76.3
22. Unit Capacity Factor (Using DER Net)	98.5	90.1	73.4
23. Unit Forced Outage Rate	0.0	5.6	8.6
24. Shutdown Scheduled Over Next 6 Months (Type, Date and Duration of Each)			

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

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

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

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

UNIT SHUTDOWNS

DOCKET NO. 50-287

UNIT NAME: Oconee 3

DATE: May 16, 2005

COMPLETED BY: Roger Williams

TELEPHONE: 704-382-5346

REPORT MONTH: April, 2005

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

Summary:

(1) Reason

- A - Equipment failure (Explain)
- B - Maintenance or Test
- C - Refueling
- D - Regulatory restriction

- E - Operator Training/License Examination
- F - Administrative
- G - Operator Error (Explain)
- H - Other (Explain)

(2) Method

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

MONTHLY REFUELING INFORMATION REQUEST

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

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

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

If yes, what will these be?

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

5. Scheduled date(s) for submitting proposed licensing action and supporting information.
6. Important licensing considerations (new or different design or supplier, unreviewed design or performance analysis methods, significant changes in design or new operating procedures).
7. Number of Fuel assemblies (a) in the core: 177
 (b) in the spent fuel pool: 460
 (c) in the ISFSI: See Unit 1 ****
8. Present licensed fuel pool capacity: 825
Size of requested or planned increase: **
9. Projected date of last refueling which can be accommodated by present capacity: January 2005****

DUKE POWER COMPANY

DATE: May 16, 2005

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

** See footnote of Unit 1

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

**** See footnote on Unit 1

OCONEE NUCLEAR STATION

MONTHLY OPERATING STATUS REPORT

MARCH 2005

1. Personnel Exposure -

The total station liquid release for MARCH 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 MARCH 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 May 16, 2005
 Completed By Roger Williams
 Telephone 704-382-5346

Operating Status

1. Unit Name: McGuire 1
2. Reporting Period: April 1, 2005 - April 30, 2005
3. Licensed Thermal Power (MWt): 3411
4. Nameplate Rating (Gross MWe): 1305 *
5. Design Electrical Rating (Net Mwe): 1180
6. Maximum Dependable Capacity (Gross MWe): 1144
7. Maximum Dependable Capacity(Net MWe): 1100
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons:

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

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

10. Reason for Restrictions, If any: _____

	This Month	YTD	Cumulative
11. Hours in Reporting Period	719.0	2879.0	205247.0
12. Number of Hours Reactor was Critical	719.0	2879.0	162011.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	719.0	2879.0	160686.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2451291	9813161	521236283
17. Gross Electrical Energy Generated (MWH)	856441	3443428	179795069
18. Net Electrical Energy Generated (MWH)	827099	3325016	172391837
19. Unit Service Factor	100.0	100.0	78.3
20. Unit Availability Factor	100.0	100.0	78.3
21. Unit Capacity Factor (Using MDC Net)	104.6	105.0	74.3
22. Unit Capacity Factor (Using DER Net)	97.5	97.9	71.2
23. Unit Forced Outage Rate	0.0	0.0	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)

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

UNIT SHUTDOWNS

DOCKET NO. 50-369

UNIT NAME: McGuire 1

DATE: May 16, 2005

COMPLETED BY: Roger Williams

TELEPHONE: 704-382-5346

REPORT MONTH: April, 2005

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

Summary:

(1) Reason

- A - Equipment failure (Explain)
- B - Maintenance or Test
- C - Refueling
- D - Regulatory restriction

- E - Operator Training/License Examination
- F - Administrative
- G - Operator Error (Explain)
- H - Other (Explain)

(2) Method

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

Operating Data Report

Docket No. 50-370
 Date May 16, 2005
 Completed By Roger Williams
 Telephone 704-382-5346

Operating Status

1. Unit Name: McGuire 2
2. Reporting Period: April 1, 2005 - April 30, 2005
3. Licensed Thermal Power (MWt): 3411
4. Nameplate Rating (Gross MWe): 1305 *
5. Design Electrical Rating (Net Mwe): 1180
6. Maximum Dependable Capacity (Gross MWe): 1144
7. Maximum Dependable Capacity(Net MWe): 1100
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons:

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

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

10. Reason for Restrictions, If any: _____

	This Month	YTD	Cumulative
11. Hours in Reporting Period	719.0	2879.0	185543.0
12. Number of Hours Reactor was Critical	318.8	1750.5	154374.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	277.7	1709.5	153051.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	778394	5657156	506788466
17. Gross Electrical Energy Generated (MWH)	265441	1975939	176265728
18. Net Electrical Energy Generated (MWH)	241834	1887989	169292616
19. Unit Service Factor	38.6	59.4	82.5
20. Unit Availability Factor	38.6	59.4	82.5
21. Unit Capacity Factor (Using MDC Net)	30.6	59.6	81.1
22. Unit Capacity Factor (Using DER Net)	28.5	55.6	77.3
23. Unit Forced Outage Rate	37.4	12.8	5.1
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. 50-370UNIT NAME: McGuire 2DATE: May 16, 2005COMPLETED BY: Roger WilliamsTELEPHONE: 704-382-5346REPORT MONTH: April, 2005

No.	Date:	Type F - Forced S - Scheduled	Duration Hours	(1) Reason	(2) Method of Shutdown R/X	Licensed Event Report No.	Cause and Corrective Action to Prevent Recurrence
2	04/01/05	S	273.68	C	4		END-OF-CYCLE 16 REFUELING OUTAGE
3	04/12/05	F	40.93	A	4		OUTAGE DELAYED 1.71 DAYS TO REPAIR TURBINE AUXILIARY FEEDWATER PUMP
4	04/14/05	S	1.58	B	--		TURBINE OVERSPEED TRIP TEST
5	04/15/05	F	52.12	A	1		INVESTIGATE/INSPECT/REPAIR STEAM GENERATOR "A" FEEDWATER REGULATOR VALVE 2CF-32
6	04/17/05	F	72.97	A	1		INVESTIGATE/REPAIR 2A STEAM GENERATOR FEEDWATER REGULATOR VALVE 2CF-32

Summary:

McGuire unit 2 began the month of April, 2005 in end-of-cycle 16 refueling outage. The refueling outage was delayed 1.71 days to repair turbine auxiliary feedwater pump. During the refueling outage we had problems with the spent fuel up-ender and repaired hotleg decay heat 2ND15B isolation valve. The refueling outage from breaker to breaker spanned 43.45 days. The unit was placed on-line 04/14/05 at 0337 holding at 16% power for the turbine soak and to perform the turbine overspeed trip test. The unit was taken off-line 04/14/05 at 1036 to perform the turbine overspeed trip test. The unit was placed on-line at 1211 holding at approximately 16% power until 04/15/05 at 0302. The unit was taken off-line 04/15/05 at 0302 to investigate/inspect/repair steam generator "A" feedwater regulator valve 2CF-32. The unit returned to service on 04/17/05 at 0709. The unit began increasing power to place 2A feedwater pump in auto to allow engineering to tune feedwater pumps. At 1231 the unit began decreasing power due to 2A steam generator feedwater regulator valve 2CF-32 problem and was taken off-line 04/17/05 at 2309 to investigate/repair valve. The unit was placed on-line 04/21/05 (Cont'd)

(1) Reason

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

(2) Method

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

UNIT SHUTDOWNS

DOCKET NO. 50-370
 UNIT NAME: McGuire 2
 DATE: May 16, 2005
 COMPLETED BY: Roger Williams
 TELEPHONE: 704-382-5346

REPORT MONTH: April, 2005

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

Summary:
 at 0007. During power escalation, the unit held at 29% power on 04/21/05 from 0528 to 0915 due to secondary chemistry. The unit held at 40% power from 1124 to 1220 to start 2C1 and 2C2 heater drain tank pump. On 04/21/05 from 1341 to 1634 the unit held at 43% power to place 2B feedwater pump in-service. The unit held at 78% power on 04/22/05 from 0635 to 1249 due to flux mapping. The unit held at 95% power on 04/22/05 from 1957 to 04/23/05 at 1043 for delta-T and thermal power test. On 04/24/05 at 0300 the unit returned to 100% full power and operated at or near 100% full 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: McGuire Unit 2
- 2. Scheduled next refueling shutdown: Currently Refueling
- 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: 1166
 (c) in the ISFSI: 368
- 8. Present licensed fuel pool capacity: 1463
Size of requested or planned increase: ---
- 9. Projected date of last refueling which can be accommodated by present license capacity:
June 2003

DUKE POWER COMPANY

DATE: May 16, 2005

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

McGUIRE NUCLEAR STATION

MONTHLY OPERATING STATUS REPORT

MARCH 2005

1. Personnel Exposure -

The total station liquid release for MARCH 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 MARCH 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>May 16, 2005</u>
Completed By	<u>Roger Williams</u>
Telephone	<u>704-382-5346</u>

Operating Status

1. Unit Name: Catawba 1
2. Reporting Period: April 1, 2005 - April 30, 2005
3. Licensed Thermal Power (MWT): 3411
4. Nameplate Rating (Gross MWe): 1305 *
5. Design Electrical Rating (Net Mwe): 1145
6. Maximum Dependable Capacity (Gross MWe): 1192
7. Maximum Dependable Capacity (Net MWe): 1129
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons:

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

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

10. Reason for Restrictions, If any: _____

	This Month	YTD	Cumulative
11. Hours in Reporting Period	719.0	2879.0	173904.0
12. Number of Hours Reactor was Critical	719.0	2879.0	146113.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	719.0	2879.0	144248.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2448691	9604793	477521113
17. Gross Electrical Energy Generated (MWH)	878892	3451491	169600357
18. Net Electrical Energy Generated (MWH)	835376	3275538	160062217
19. Unit Service Factor	100.0	100.0	82.9
20. Unit Availability Factor	100.0	100.0	82.9
21. Unit Capacity Factor (Using MDC Net)	102.9	100.8	81.4
22. Unit Capacity Factor (Using DER Net)	101.5	99.4	80.4
23. Unit Forced Outage Rate	0.0	0.0	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: May 16, 2005

COMPLETED BY: Roger Williams

TELEPHONE: 704-382-5346

REPORT MONTH: April, 2005

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

Summary:

(1) Reason

- A - Equipment failure (Explain)
- B - Maintenance or Test
- C - Refueling
- D - Regulatory restriction

- E - Operator Training/License Examination
- F - Administrative
- G - Operator Error (Explain)
- H - Other (Explain)

(2) Method

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

Operating Data Report

Docket No.	<u>50-414</u>
Date	<u>May 16, 2005</u>
Completed By	<u>Roger Williams</u>
Telephone	<u>704-382-5346</u>

Operating Status

1. Unit Name: Catawba 2
2. Reporting Period: April 1, 2005 - April 30, 2005
3. Licensed Thermal Power (MWt): 3411
4. Nameplate Rating (Gross MWe): 1305 *
5. Design Electrical Rating (Net Mwe): 1145
6. Maximum Dependable Capacity (Gross MWe): 1192
7. Maximum Dependable Capacity (Net MWe): 1129
8. If Changes Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons:

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

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

10. Reason for Restrictions, If any: _____

	This Month	YTD	Cumulative
11. Hours in Reporting Period	719.0	2879.0	163920.0
12. Number of Hours Reactor was Critical	719.0	2879.0	138530.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	719.0	2879.0	137050.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2449116	9805747	452162216
17. Gross Electrical Energy Generated (MWH)	879821	3533178	161303814
18. Net Electrical Energy Generated (MWH)	836494	3362273	152500989
19. Unit Service Factor	100.0	100.0	83.6
20. Unit Availability Factor	100.0	100.0	83.6
21. Unit Capacity Factor (Using MDC Net)	103.0	103.4	82.3
22. Unit Capacity Factor (Using DER Net)	101.6	102.0	81.3
23. Unit Forced Outage Rate	0.0	0.0	6.0
24. Shutdown Scheduled Over Next 6 Months (Type, Date and Duration of Each)			

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

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

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

UNIT SHUTDOWNS

DOCKET NO. 50-414

UNIT NAME: Catawba 2

DATE: May 16, 2005

COMPLETED BY: Roger Williams

TELEPHONE: 704-382-5346

REPORT MONTH: April, 2005

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

Summary:

(1) Reason

- A - Equipment failure (Explain)
- B - Maintenance or Test
- C - Refueling
- D - Regulatory restriction

- E - Operator Training/License Examination
- F - Administrative
- G - Operator Error (Explain)
- H - Other (Explain)

(2) Method

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

CATAWBA NUCLEAR STATION

MONTHLY OPERATING STATUS REPORT

MARCH 2005

1. Personnel Exposure -

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