



Duke Energy Corporation
526 South Church Street
PO. Box 1006
Charlotte, NC 28201-1006

March 13, 2003

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

Subject: Duke Energy Corporation
Catawba Nuclear Station, Units 1, and 2
Docket Numbers 50-413 and 50-414
Monthly Performance and Operation Status-February, 2003

Please find attached information concerning the performance and operation status of the Catawba Nuclear Station for the month of February, 2003.

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

Sincerely,

Terry Dimmery by David M. Patin
Terry Dimmery, Manager
Nuclear Business Support

Attachment
XC:

L. A. Reyes, Regional Administrator
USNRC, Region II

Chandu Patel, Project Manager
USNRC, ONRR

INPO Records Center

Ms. Margaret Aucoin
Nuclear Assurance Corporation

Dottie Sherman, ANI Library
American Nuclear Insurers

Darrell Roberts, Senior Resident Inspector

IE24

Document Control Desk
U.S. NRC - Catawba

bxc:

Gary Gilbert (CN01RC)
K. E. Nicholson (CN01RC)
RGC Site Licensing File
ELL (EC050)

Operating Data Report

Docket No. 50-413
Date March 13, 2003
Completed By Roger Williams
Telephone 704-382-5346

Operating Status

1. Unit Name: Catawba 1
2. Reporting Period: February 1, 2003 - February 28, 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 (Gross MWe)
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	672.0	1416.0	154897.0
12. Number of Hours Reactor was Critical	641.6	1385.6	128490.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	634.9	1378.9	126974.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2145247	25115023	439979508
17. Gross Electrical Energy Generated (MWH)	769572	1683417	148929340
18. Net Electrical Energy Generated (MWH)	728977	1597581	140495267
19. Unit Service Factor	94.5	97.4	82.0
20. Unit Availability Factor	94.5	97.4	82.0
21. Unit Capacity Factor (Using MDC Net)	96.1	99.9	80.2
22. Unit Capacity Factor (Using DER Net)	94.7	98.5	79.2
23. Unit Forced Outage Rate	5.5	2.6	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)

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

UNIT SHUTDOWNS

DOCKET NO. 50-413UNIT NAME: Catawba 1DATE: March 13, 2003COMPLETED BY: Roger WilliamsTELEPHONE: 704-382-5346REPORT MONTH: February, 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	02/04/03	F	37.10	A	3		MAIN TURBINE TRIP GENERATED BY HI HI STEAM GENERATOR 1B LEVEL

Summary:

Catawba unit 1 began the month of February operating at approximately 100% full power. On 03/04/02 at 1005 a automatic reactor trip was initiated from 100% full power by a main turbine trip generated by Hi Hi steam generator 1B level. The unit was placed on-line 02/05/03 at 2311. During power escalation, the unit held at 18% power from 02/06/03 at 0013 to 0103 due to main feedwater nozzle swap. The unit held at 55% power from 0520 to 0550 to place second main feedwater pump in service. The unit held at 87% power from 1044 to 1207 to perform the main turbine control valve movement test. The unit returned to 100% full power on 02/06/03 at 1700 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

3 - Automatic Trip/Scram

5 - Other (Explain)

2 - Manual Trip/Scram

4 - Continuation

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: March 13, 2003

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

Operating Data Report

Docket No.	50-414
Date	March 13, 2003
Completed By	Roger Williams
Telephone	704-382-5346

Operating Status

1. Unit Name: Catawba 2
2. Reporting Period: February 1, 2003 - February 28, 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 (Gross MWe) calculated as 1450.000 MVA * .90 power factor per Page iii, NUREG-0020.

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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	672.0	1416.0	144913.0
12. Number of Hours Reactor was Critical	672.0	1416.0	121220.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	672.0	1416.0	119796.8
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2271473	29921734	418891561
17. Gross Electrical Energy Generated (MWH)	823027	1742551	140388600
18. Net Electrical Energy Generated (MWH)	783384	1658638	132643453
19. Unit Service Factor	100.0	100.0	82.7
20. Unit Availability Factor	100.0	100.0	82.7
21. Unit Capacity Factor (Using MDC Net)	103.3	103.8	81.0
22. Unit Capacity Factor (Using DER Net)	101.8	102.3	79.9
23. Unit Forced Outage Rate	0.0	0.0	6.8
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: March 13, 2003

COMPLETED BY: Roger Williams

TELEPHONE: 704-382-5346

REPORT MONTH: February, 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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Catawba Unit 2
2. Scheduled next refueling shutdown: March 2003
3. Scheduled restart following refueling: March 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: 836
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: March 13, 2003

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

CATAWBA NUCLEAR STATION

MONTHLY OPERATING STATUS REPORT

JANUARY 2003

1. Personnel Exposure -

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