Duke Power
A Duke Energy Company

Duke Power
526 South Church Street
P.O. Box 1006
Charlotte, NC 28201-1006

November 15, 2001

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-October, 2001

Please find attached information concerning the performance and operation status of the Catawba Nuclear Station for the month of October, 2001.

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

Sincerely,

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
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IE24

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Document Control Desk
U.S. NRC - Catawba

bxc:

Gary Gilbert (CN01RC)
K. E. Nicholson (CN01RC)
RGC Site Licensing File
ELL (EC05O)

Operating Data Report

Docket No. 50-413
Date November 15,2001
Completed By Roger Williams
Telephone 704-382-5346

Operating Status

1. Unit Name: Catawba 1
2. Reporting Period: October 1, 2001 - October 31, 2001
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	745.0	7296.0	143257.0
12. Number of Hours Reactor was Critical	745.0	7277.7	117369.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	745.0	7258.0	115880.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2534232	118203592	475627896
17. Gross Electrical Energy Generated (MWH)	907059	8731712	135464063
18. Net Electrical Energy Generated (MWH)	860383	8277726	127716833
19. Unit Service Factor	100.0	99.5	80.9
20. Unit Availability Factor	100.0	99.5	80.9
21. Unit Capacity Factor (Using MDC Net)	102.3	100.5	78.8
22. Unit Capacity Factor (Using DER Net)	100.9	99.1	77.9
23. Unit Forced Outage Rate	0.0	0.5	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)

	Forcast	Achieved
Initial Criticality	_____	_____
Initial Electricity	_____	_____
Commercial Operation	_____	_____

UNIT SHUTDOWNS

DOCKET NO. 50-413
UNIT NAME: Catawba 1
DATE: November 15, 2001
COMPLETED BY: Roger Williams
TELEPHONE: 704-382-5346

REPORT MONTH: October, 2001

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: April 2002

3. Scheduled restart following refueling: May 2002

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: 860

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: November 15, 2001

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

Operating Data Report

Docket No.	50-414
Date	November 15,2001
Completed By	Roger Williams
Telephone	704-382-5346

Operating Status

1. Unit Name: Catawba 2
2. Reporting Period: October 1, 2001 - October 31, 2001
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	745.0	7296.0	133273.0
12. Number of Hours Reactor was Critical	240.4	6411.2	109919.5
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	219.9	6390.4	108501.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	659580	139625749	473636119
17. Gross Electrical Energy Generated (MWH)	228558	7689255	126584651
18. Net Electrical Energy Generated (MWH)	207942	7292296	119530664
19. Unit Service Factor	29.5	87.6	81.4
20. Unit Availability Factor	29.5	87.6	81.4
21. Unit Capacity Factor (Using MDC Net)	24.7	88.5	79.3
22. Unit Capacity Factor (Using DER Net)	24.4	87.3	78.3
23. Unit Forced Outage Rate	28.3	1.3	7.2

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: November 15, 2001
COMPLETED BY: Roger Williams
TELEPHONE: 704-382-5346

REPORT MONTH: October, 2001

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	10/01/01	S	435.52	C	4		END OF CYCLE 11 REFUELING OUTAGE
2	10/19/01	F	9.00	A	4		OUTAGE DELAY OF 0.38 DAYS DUE TO PLANT SECURITY CONCERNS
3	10/19/01	F	3.77	A	4		OUTAGE DELAY OF 0.16 DAYS DUE TO POLAR CRANE BRAKE ADJUSTMENT
4	10/19/01	F	14.00	A	4		OUTAGE DELAY OF 0.58 DAYS DUE TO SPLIT PIN ACTIVITIES
5	10/20/01	F	16.00	A	4		OUTAGE DELAY OF 0.67 DAYS DUE TO SAFETY INJECTION VALVE LEAKAGE INVESTIGATION
6	10/20/01	F	13.00	A	4		OUTAGE DELAY OF 0.54 DAYS DUE TO CONDENSER WATER BOX INSPECTION AND EVALUATION

Summary:

The unit began the month of October in end-of-cycle 11 refueling outage. The end-of-cycle 11 refueling outage spanned 37.62 days. The outage was delayed for the following reasons; 0.38 days due to plant security concerns, 0.16 days due to polar crane brake adjustment, 0.58 days due to split pin activities, 0.67 days due to safety injection valve leakage investigation, 0.54 days due to condenser water box inspection and evaluation, 1.29 days due to condenser circulating water expansion joint repair. The unit was placed on-line 10/22/01 at 1817. The unit increased power and held at 19% power from 1955 to 2232 to perform main turbine overspeed trip test. On 10/22/01 at 2352 the turbine overspeed trip test was performed. The unit was placed on-line 10/23/01 at 0245. During power escalation, the unit held at 18% power from 0347 to 0832 due to power ascension testing. The unit held at 29% power from 1050 to 1445 due to secondary chemistry. The unit held at 51% on 10/23/01 from 2147 to 10/24/01 at 0239 and at 94% power (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. 50-414
UNIT NAME: Catawba 2
DATE: November 13, 2001
COMPLETED BY: Roger Williams
TELEPHONE: 704-382-5346

REPORT MONTH: October, 2001

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
7	10/21/01	F	31.00	A	4		OUTAGE DELAY OF 1.29 DAYS DUE TO CONDENSER CIRCULATING WATER EXPANSION JOINT REPAIR
8	10/22/01	S	2.85	B	- -		TURBINE OVERSPEED TRIP TEST

Summary:
on 10/24/01 from 2234 to 10/25/01 at 0228 due to power ascension testing. The unit returned to 100% full power on 10/25/01 at 0518 and operated at or near 100% full power until 10/26/01 at 0052 when the unit began decreasing power for isolation of '2C1' feedwater heater. The unit held at approximately 98% from 0127 to 10/27/01 at 0024 for testing of '2C1 heater drain pump. The unit returned to 100% full power on 10/27/01 at 2029 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: 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: November 15, 2001

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

CATAWBA NUCLEAR STATION

MONTHLY OPERATING STATUS REPORT

SEPTEMBER 2001

1. Personnel Exposure -

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