Duke Power Company
Electric Center
P.O. Box 1006
Charlotte, N.C. 28201-1006

DUKE POWER

April 15, 1994

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

RE: Catawba Nuclear Station
Docket No. 50-413 and -414

Dear Sir:

Please find attached information concerning the performance and operating status of the Catawba Nuclear Station for the month of March, 1994.

Very truly yours,

R. L. Weber, Manager
Nuclear Business Support

RLW/raw
Attachments

xc: Mark Lesser
Regional Administrator/Region II
U.S. Nuclear Regulatory Commission
101 Marietta Street, NW, Suite 2900
Atlanta, GA 30323

Bob Martin
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

INPO Records Center
Suite 1500
1100 Circle 75 Parkway
Atlanta, GA 30323

Ms. Margaret Aucoin
Nuclear Assurance Corporation
Suite 200
655 Engineering Drive
Norcross, GA 30092-2843

American Nuclear Insurers
c/o Dottie Sherman, ANI Library
Town Center, Suite 300S
29 South Main Street
West Hartford, CT 06107-2445

R. J. Freudenberger
Senior Resident Inspector
Catawba Nuclear Station

IE24
1/1

bc: K. S. Canady (EC08H)
T. E. Mooney (EC05N)
B. J. Horsley (EC03U)
N. A. Rutherford (EC07I)
E. C. Fisher (MNS)
B. W. Walsh (PB02L)
Judy Smoak (CNS)
C. D. Denton (PB05E)
Candace Paton (PB02L)
D. R. Groux (ON01VP)
D. W. Denard (ON0102)
G. A. Copp (EC05O) (File
B. T. Faulkenberry (EC07C)
J. S. Forbes (CNS)
E. G. LaCasse (CNS)
Z. L. Taylor (CNS)

OPERATING DATA REPORT

DOCKET NO 50-413
DATE April 15, 1994
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Catawba 1
2. Reporting Period: March 1, 1994-March 31, 1994
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 Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: _____

Notes *Nameplate Rating (Gross MWe) calculated as 1450.000 MVA x .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	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	2160.0	76753.0
12. Number Of Hours Reactor Was Critical	744.0	2133.6	57911.6
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	2122.1	56775.5
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2475638	6952497	184195033
17. Gross Electrical Energy Generated (MWH)	889640	2496035	64860170
18. Net Electrical Energy Generated (MWH)	843624	2364579	60909208
19. Unit Service Factor	100.0	98.2	74.0
20. Unit Availability Factor	100.0	98.2	74.0
21. Unit Capacity Factor (Using MDC Net)	100.4	97.0	70.0
22. Unit Capacity Factor (Using DER Net)	99.0	95.6	69.3
23. Unit Forced Outage Rate	0.0	1.7	10.0

24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
None

25. If Shut Down 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	_____	_____

OPERATING DATA REPORT

DOCKET NO 50-413
UNIT Catawba 1
DATE April 15, 1994
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

MONTH March, 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1139	17	1141
2	1127	18	1135
3	1138	19	1133
4	1136	20	1131
5	1137	21	1129
6	1136	22	1130
7	1133	23	1130
8	1133	24	1125
9	1136	25	1128
10	1136	26	1134
11	1112	27	1124
12	1140	28	1126
13	1139	29	1133
14	1138	30	1136
15	1136	31	1149
16	1139		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-413
UNIT NAME CATAWBA 1
DATE 04/15/94
COMPLETED BY R. A. Williams
TELEPHONE (704) 382-5346

REPORT MONTH March 1994

NO.	DATE	(1) TYPE	DURATION HOURS	(2) REASON	(3) METHOD OF SHUTDOWN R/X	LICENSE EVENT REPORT NO.	(4) SYSTEM CODE	(5) COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
		NO	SHUTDOWNS	OR		REDUCTION	S		

(1)
F Forced
S Scheduled

(2)
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)

(3)
Method:
1-Manual
2-Manual Scram
3-Automatic Scram
4-Other (Explain)

(4)
Exhibit G - Instructions for Preparation of Data Entry Sheets For Licensee Event Report (LER) File (NUREG-0161)

(5)
Exhibit I - Same Source

DOCKET: 50-413

UNIT: Catawba 1

Date: 04/15/94

NARRATIVE SUMMARY

MONTH: March 1994

Catawba Unit 1 began the month of March operating at or near 97.5% reactor power due to reactor coolant flow. The unit returned to 100% full power on 03/31/94 at 1023 and operated at or near 100% power the remainder of the month.

Prepared by: R. A. Williams
Telephone: (704)-382-5346

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Catawba, Unit 1

2. Scheduled next refueling shutdown: February 1995

3. Scheduled restart following refueling: April 1995

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 licence 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: 484

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 licensed capacity: September 2009

DUKE POWER COMPANY DATE: April 15, 1994

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

OPERATING DATA REPORT

DOCKET NO 50-414
DATE April 15, 1994
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Catawba 2
2. Reporting Period: March 1, 1994-March 31, 1994
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 Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: _____

Notes *Nameplate Rating (Gross MWe) calculated as 1450.000 MVA x .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	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	2160.0	66769.0
12. Number Of Hours Reactor Was Critical	744.0	2160.0	52100.9
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	2125.5	51205.0
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2496121	6915833	163804872
17. Gross Electrical Energy Generated (MWH)	897214	2483998	58061257
18. Net Electrical Energy Generated (MWH)	852585	2356162	54646219
19. Unit Service Factor	100.0	98.4	76.7
20. Unit Availability Factor	100.0	98.4	76.7
21. Unit Capacity Factor (Using MDC Net)	101.5	96.6	72.3
22. Unit Capacity Factor (Using DER Net)	100.1	95.3	71.5
23. Unit Forced Outage Rate	0.0	1.6	9.4

24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling - April 29, 1994 - 60 days

25. If Shut Down 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	_____	_____

OPERATING DATA REPORT

DOCKET NO 50-414
UNIT Catawba 2
DATE April 15, 1994
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

MONTH March, 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1149	17	1150
2	1151	18	1145
3	1151	19	1148
4	1147	20	1147
5	1149	21	1143
6	1149	22	1147
7	1143	23	1144
8	1143	24	1139
9	1149	25	1141
10	1150	26	1147
11	1152	27	1114
12	1152	28	1137
13	1149	29	1147
14	1149	30	1149
15	1146	31	1149
16	1150		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1994

DOCKET NO. 50-414
UNIT NAME CATAWBA 2
DATE 04/15/94
COMPLETED BY R. A. Williams
TELEPHONE (704) 382-5346

NO.	DATE	(1) TYPE	DURATION HOURS	(2) REASON	(3) METHOD OF SHUTDOWN R/X	LICENSE EVENT REPORT NO.	(4) SYSTEM CODE	(5) COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
		NO	SHUTDOWNS	OR		REDUCTION	S		

(1)
F Forced
S Scheduled

(2)
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)

(3)
Method:
1-Manual
2-Manual Scram
3-Automatic Scram
4-Other (Explain)

(4)
Exhibit G - Instructions for Preparation of Data Entry Sheets For Licensee Event Report (LER) File (NUREG-0161)

(5)
Exhibit I - Same Source

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DOCKET: 50-414

UNIT: Catawba 2

Date: 04/15/94

NARRATIVE SUMMARY

MONTH: March 1994

Catawba Unit 2 began the month of March operating at 100% full power. The unit operated at or near 100% full power for the entire month.

Prepared by: R. A. Williams
Telephone: (704)-382-5346

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Catawba, Unit 2

2. Scheduled next refueling shutdown: April 1994

3. Scheduled restart following refueling: June 1994

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 licence 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: 356

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 licensed capacity: September 2011

DUKE POWER COMPANY DATE: April 15, 1994

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

CATAWBA NUCLEAR STATION

MONTHLY OPERATING STATUS REPORT

February 1994

1. Personnel Exposure -

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