OPERATING DATA REPORT

DOCKET NO 50-413
DATE October 14, 1994
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Catawba 1
2. Reporting Period: September 1, 1994-September 30, 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	720.0	6551.0	81144.0
12. Number Of Hours Reactor Was Critical	720.0	6524.6	62302.6
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	720.0	6513.1	61166.5
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2317356	21497199	198739735
17. Gross Electrical Energy Generated (MWH)	827324	7661579	70025714
18. Net Electrical Energy Generated (MWH)	782430	7256694	65801323
19. Unit Service Factor	100.0	99.4	75.4
20. Unit Availability Factor	100.0	99.4	75.4
21. Unit Capacity Factor (Using MDC Net)	96.3	98.1	71.6
22. Unit Capacity Factor (Using DER Net)	94.9	96.7	70.8
23. Unit Forced Outage Rate	0.0	0.6	9.4

24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling - February 11, 1995 - 53 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 50-413
UNIT Catawba 1
DATE October 14, 1994
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

MONTH September, 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1130	17	1129
2	1136	18	1133
3	1140	19	1139
4	1140	20	1141
5	1141	21	1139
6	1137	22	1139
7	874	23	1137
8	685	24	1132
9	1091	25	1131
10	719	26	1136
11	847	27	1138
12	1134	28	1139
13	1133	29	1136
14	1130	30	1136
15	1131		
16	1130		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September 1994

DOCKET NO. 50-413
UNIT NAME CATAWBA 1
DATE 10/14/94
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
7-P	94- 9- 7	F	--	B	--		HH	PUMPXX	'1A' MAIN FEEDWATER PUMP MAINTENANCE
8-P	94- 9- 7	F	--	A	--		HB	VALVEX	#3 MAIN TURBINE CONTROL VALVE
9-P	94- 9- 7	F	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION
10-P	94- 9- 8	F	--	B	--		HH	PUMPXX	'1A' MAIN FEEDWATER PUMP MAINTENANCE
11-P	94- 9-10	F	--	A	--		HH	PUMPXX	MANUAL TRIP OF '1A' MAIN FEEDWATER PUMP
12-P	94- 9-10	F	--	B	--		HH	PUMPXX	'1A' MAIN FEEDWATER PUMP MAINTENANCE

(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: 10/14/94

NARRATIVE SUMMARY

MONTH: September 1994

Catawba Unit 1 began the month of September operating at 100% full power. The unit commenced decreasing power on 09/07/94 at 1155 and held at 65% power from 1520 to 1555 due to '1A' main feedwater pump maintenance. The unit had increased to 70% power when the unit experienced an immediate decrease to 63% power and held from 1557 to 1609 due to the closure of main turbine control valves #1 and #2 in response to main turbine throttle pressure transient created by the #3 main turbine control valve opening. The unit held from 1618 to 09/08/94 at 0037 to correct T-AVG/T-REF error resulting from main turbine runback initiated by closure of control valves #1 and #2. The unit held at 65% power from 0208 to 2249 due to '1A' main feedwater pump maintenance. The unit returned to 100% full power on 09/09/94 at 1045. On 09/10/94 at 0052 a unit runback occurred due to manual trip of '1A' main feedwater pump and the unit held at 70% power from 0101 to 0650. The unit began decreasing power at 0650 and held at 63% power from 0859 to 09/11/94 at 1219 to complete '1A' main feedwater pump maintenance. The unit returned to 100% power on 09/11/94 at 1950 and operated the remainder of the month at or near 100% full power.

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: October 14, 1994

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

OPERATING DATA REPORT

DOCKET NO 50-414
DATE October 14, 1994
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Catawba 2
2. Reporting Period: September 1, 1994-September 30, 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	720.0	6551.0	71160.0
12. Number Of Hours Reactor Was Critical	649.2	4891.1	54832.0
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	644.9	4810.1	53889.6
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2067391	15470784	172359823
17. Gross Electrical Energy Generated (MWH)	732881	5503918	61081177
18. Net Electrical Energy Generated (MWH)	691060	5189057	57479114
19. Unit Service Factor	89.6	73.4	75.7
20. Unit Availability Factor	89.6	73.4	75.7
21. Unit Capacity Factor (Using MDC Net)	85.0	70.2	71.4
22. Unit Capacity Factor (Using DER Net)	83.8	69.2	70.6
23. Unit Forced Outage Rate	10.4	3.2	9.1

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 50-414
UNIT Catawba 2
DATE October 14, 1994
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

MONTH September, 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	343	17	694
2	1116	18	745
3	1152	19	1125
4	1152	20	1152
5	1151	21	985
6	1144	22	1134
7	1146	23	1149
8	1150	24	1146
9	1146	25	1145
10	1147	26	1149
11	1149	27	1153
12	1151	28	1155
13	893	29	1155
14	0	30	1155
15	0		
16	10		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September 1994

DOCKET NO. 50-414
UNIT NAME CATAWBA 2
DATE 10/14/94
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
6	94- 9- 1	F	6.20	A	--		EB	XXXXXX	REACTOR TRIP DUE TO SLIDING INCORRECT LINK
19-P	94- 9- 1	F	--	A	--		HG	XXXXXX	SECONDARY CHEMISTRY
7	94- 9-13	F	68.95	A	3		HB	VALVEX	(REACTOR TRIP) STEAM GENERATOR '2C' MAIN STEAM ISOLATION VALVE FAILED
20-P	94- 9-17	F	--	A	--		HH	PUMPXX	'2B' MAIN FEEDWATER PUMP TURBINE
21-P	94- 9-21	F	--	A	--		HH	PUMPXX	'2A' MAIN FEEDWATER PUMP TURBINE OIL LEAK

(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: 50-414

UNIT: Catawba 2

Date: 10/14/94

NARRATIVE SUMMARY

MONTH: September 1994

Catawba Unit 2 began the month of September in an outage due to sliding incorrect link. The unit returned to service on 09/01/94 at 0612. The unit began power escalation and held at 30% power from 1125 to 1238 due to secondary chemistry. The unit returned to 100% full power on 09/02/94 at 0545. On 09/13/94 at 1854 the unit experienced a reactor trip due to steam generator '2C' main steam isolation valve failed. The unit returned to service on 09/16/94 at 1551. During power escalation, the unit held at 65% power on 09/17/94 from 0450 to 09/18/94 at 2150 due to '2B' main feedwater pump turbine work. The unit returned to 100% full power on 09/19/94 at 0540. On 09/21/94 at 1152 the unit commenced power decrease and held at 68% power from 1410 to 2124 due to '2A' main feedwater pump turbine oil leak. The unit returned to 100% full power on 09/22/94 at 0450 and operated at or near 100% full power the remainder of the 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: October 1995

3. Scheduled restart following refueling: December 1995

THE PROJECT MANAGER HAS BEEN ADVISED BY SEPARATE COMMUNICATION OF ANY T.S. CHANGE OR LICENSE AMEND[illegible] THEREFORE, QUESTIONS 4 THROUGH 6 WILL NO LONGER BE MAINTA[illegible] N 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 configurati[illegible]n reviewed by Safety Review Committee regarding unreviewed [illegible]y 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 cor[illegible] 193
(b) in the spent fuel pool: 444

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: October 14, 1994

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