OPERATING DATA REPORT

DOCKET NO 50-413
DATE January 15, 1997
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Catawba 1
2. Reporting Period: December 1, 1996-December 31, 1996
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	8784.0	100897.0
12. Number Of Hours Reactor Was Critical	693.4	5940.1	78233.8
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	650.8	5809.1	76897.8
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2157817	18753202	250703461
17. Gross Electrical Energy Generated (MWH)	772478	6716595	88619406
18. Net Electrical Energy Generated (MWH)	729401	6310277	83355366
19. Unit Service Factor	87.4	66.1	76.2
20. Unit Availability Factor	87.5	66.1	76.2
21. Unit Capacity Factor (Using MDC Net)	86.8	63.6	73.0
22. Unit Capacity Factor (Using DER Net)	85.6	62.7	72.2
23. Unit Forced Outage Rate	12.5	4.2	7.9

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 January 15, 1996
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

MONTH December, 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1162	17	1166
2	1172	18	1166
3	1172	19	1165
4	1172	20	1165
5	1130	21	1164
6	23	22	1168
7	0	23	1171
8	0	24	1168
9	146	25	1174
10	1093	26	1174
11	1165	27	1173
12	1165	28	1170
13	1169	29	1166
14	1173	30	1094
15	1167	31	102
16	1167		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December 1996

DOCKET NO. 50-413
UNIT NAME CATAWBA 1
DATE 01/15/97
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	96-12- 6	F	78.05	A	1		CB	PUMPXX	FAILED WELD ON REACTOR COOLANT PUMP "1D" #1 SEAL LEAKOFF LINE
18-P	96-12- 9	F	--	A	--		CB	VALVEX	INVESTIGATE SPURIOUS ACTUATION OF S/G "1C" POWER OPERATED RELIEF VALVE
7	96-12-30	F	15.12	B	1		IA	XXXXXX	SECONDARY SAFETY PROTECTIVE SYSTEM MAIN STEAM ISOLATION RELAY FAILED DURING SURVEILLANCE TESTING

(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: 01/15/97

NARRATIVE SUMMARY

MONTH: December, 1996

Catawba Unit 1 began the month of December operating at 100% full power. On 12/05/96 at 2005 the unit began reducing power to permit inspection of the lower containment in a effort to identify source of primary leakage of ~0.5 gpm. On 12/06/96 at 0500 the unit was taken off-line due to failed weld on reactor coolant pump "1D" #1 seal leak-off line. The unit was placed on-line 12/09/96 at 1104. During power escalation, the unit held at 16% power from 1309 to 1444 to investigate a spurious actuation of steam generator "1C" power operated relief valve. The unit returned to 100% full power on 12/10/96 at 0910 and operated at or near 100% full power until 12/30/96 at 2129 when the unit began reducing power and was taken off-line at 2332 due to secondary safety protective system main steam isolation relay failed during surveillance testing. On 12/31/96 at 1440 the unit was placed on-line. The unit returned to approximately 78% full power by 12/31/96 at 2400.

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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Catawba, Unit 1

2. Scheduled next refueling shutdown: November 1997

3. Scheduled restart following refueling: January 1998

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: 632

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: September 2009

DUKE POWER COMPANY DATE: January 15, 1997

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

OPERATING DATA REPORT

DOCKET NO 50-414
DATE January 15, 1997
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Catawba 2
2. Reporting Period: December 1, 1996-December 31, 1996
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	8784.0	90913.0
12. Number Of Hours Reactor Was Critical	610.2	8202.9	72369.1
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	569.6	8108.5	71246.2
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1903563	27295538	230712076
17. Gross Electrical Energy Generated (MWH)	674985	9744266	81848633
18. Net Electrical Energy Generated (MWH)	635230	9233635	77145892
19. Unit Service Factor	76.6	92.3	78.4
20. Unit Availability Factor	76.6	92.3	78.4
21. Unit Capacity Factor (Using MDC Net)	75.6	93.1	75.0
22. Unit Capacity Factor (Using DER Net)	74.6	91.8	74.1
23. Unit Forced Outage Rate	23.4	7.7	8.8

24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling - March 22, 1997 - 40 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 January 15, 1996
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

MONTH December, 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1156	17	0
2	1166	18	0
3	1165	19	0
4	1165	20	0
5	1163	21	0
6	1156	22	308
7	1155	23	1137
8	1157	24	1157
9	1156	25	1165
10	1161	26	1164
11	1157	27	1163
12	1155	28	1161
13	1160	29	1156
14	920	30	1156
15	0	31	1148
16	0		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December 1996

DOCKET NO. 50-414
UNIT NAME CATAWBA 2
DATE 01/15/97
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
3	96-12-14	F	174.37	A	1		CF	PUMPXX	RESIDUAL HEAT REMOVAL PUMP OPERABILITY CONCERNS DUE TO LEAKAGE ON UNSEATED CHECK VALVE
9-P	96-12-22	F	--	A	--		HB	XXXXXX	HOLD AT 15% POWER PENDING MAIN FEEDWATER NOZZLE SWAP
10-P	96-12-22	S	--	B	--		HA	TURBIN	MAIN TURBINE STOP VALVE MOVEMENT TEST

(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: 01/15/97

NARRATIVE SUMMARY

MONTH: December, 1996

Catawba Unit 2 began the month of December operating at 100% full power. The unit operated at or near 100% full power until 12/14/96 at 1350, when the unit began decreasing power and was taken off-line at 2347 due to residual heat removal pump operability concerns due to leakage on unseated check valves. The unit was placed on-line 12/22/96 at 0608. During power escalation, the unit held at 15% power from 0630 to 1205 pending main feedwater nozzle swap. The unit held at 52% power from 1530 to 1622 due to main turbine stop valve movement test. The unit returned to 100% full power on 12/23/96 at 0720, 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: March 1997

3. Scheduled restart following refueling: May 1997

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: 524

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: September 2011

DUKE POWER COMPANY DATE: January 15, 1997

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