

OPERATING DATA REPORT

DOCKET NO 50-413

DATE October 15, 1998

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Catawba 1
2. Reporting Period: September 1, 1998-September 30, 1998
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, NURRG-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	116208.0
12. Number Of Hours Reactor Was Critical	720.0	5801.1	92001.6
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	717.9	5715.9	90579.8
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2366117	18905183	296738750
17. Gross Electrical Energy Generated (MWH)	834677	6736007	105042391
18. Net Electrical Energy Generated (MWH)	789334	6347049	98885762
19. Unit Service Factor	99.7	87.3	78.0
20. Unit Availability Factor	99.7	87.3	78.0
21. Unit Capacity Factor (Using MDC Net)	97.1	85.8	75.2
22. Unit Capacity Factor (Using DER Net)	95.8	84.6	74.3
23. Unit Forced Outage Rate	0.3	11.2	7.5
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 October 15, 1998
 COMPLETED BY R.A. Williams
 TELEPHONE 704-382-5346

MONTH September, 1998

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>484</u>	17	<u>1141</u>
2	<u>784</u>	18	<u>1139</u>
3	<u>800</u>	19	<u>1142</u>
4	<u>1139</u>	20	<u>1142</u>
5	<u>1137</u>	21	<u>1136</u>
6	<u>1135</u>	22	<u>1137</u>
7	<u>1135</u>	23	<u>1146</u>
8	<u>1140</u>	24	<u>1157</u>
9	<u>1153</u>	25	<u>1148</u>
10	<u>1152</u>	26	<u>1116</u>
11	<u>1149</u>	27	<u>1141</u>
12	<u>1145</u>	28	<u>1137</u>
13	<u>1144</u>	29	<u>1140</u>
14	<u>1142</u>	30	<u>1142</u>
15	<u>1141</u>		
16	<u>1141</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-413
 UNIT NAME CATAWBA 1
 DATE 10/15/98
 COMPLETED BY R. A. Williams
 TELEPHONE (704)-382-5346

REPORT MONTH September 1998

N O .	DATE	(1)	DURATION HOURS	(2)	(3)	LICENSE EVENT REPORT NO.	(4)	(5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
		T Y P E		R E A S O N	M E T H O D O F S H U T D O W N R / X		S Y S T E M C O D E	C O M P O N E N T C O D E	
7	98- 9- 1	F	2.08	A	--		SA	HTEXCH	ICE CONDENSER INOPERABILITY DUE TO EXCESSIVE FLOW CHANNEL BLOCKAGE
16-P	98- 9- 1	F	--	A	--		HH	PUMPXX	"1A" MAIN FEEDWATER PUMP
17-P	98- 9- 1	F	--	A	--		HH	PUMPXX	"1A" MAIN FEEDWATER PUMP
18-P	98- 9- 1	S	--	B	--		HB	VALVEX	MAIN TURBINE STOP VALVE TESTING
19-P	98- 9- 2	F	--	F	--		ZZ	ZZZZZZ	HOLD SYSTEM LOAD PER DISPATCHER REQUEST
20-P	98- 9- 2	F	--	A	--		CB	PUMPXX	REACTOR COOLANT PUMP SEAL INJECTION FILTER PROBLEM
21-P	98- 9- 3	F	--	A	--		CH	PIPEXX	REPAIR STEAM GENERATOR "1C" MAIN FEEDWATER REGULATOR VALVE TUBING

(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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Catawba Unit 1
2. Scheduled next refueling shutdown: May 1999
3. Scheduled restart following refueling: June 1999

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: 704
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: October 15, 1998

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

DOCKET: 50 - 413

UNIT: Catawba 1

Date: 10/15/98

NARRATIVE SUMMARY

MONTH: September, 1998

Catawba Unit 1 began the month of September in an outage due to ice condenser inoperability resulting from excessive flow channel blockage. On 09/01/98 at 0205 the unit was placed on-line. During power escalation, the unit held at 61% power from 1030 to 1121 due to problems placing second main feedwater pump "1A" in-service. The unit began decreasing power at 1031 and held at 56% power from 1121 to 1123 to place "1A" main feedwater pump in-service. The unit resumed increasing power at 1123 and held at 67% power from 1317 to 2310 to perform main turbine stop valve and control valve movement testing. Power escalation was halted at 87% power on 09/02/98 from 0207 to 0418 due to damaged steam generator "1C" main feedwater regulator valve tubing. The unit began decreasing power and held at 77% power from 0601 to 1017 due to system load per dispatcher's request. The unit continued decreasing power and held at 68% power from 1540 to 2029 due to reactor coolant pump seal injection filter problem. The unit continued decreasing power to repair steam generator "1C" main feedwater regulator valve tubing and held at 27% power on 09/03/98 from 0152 to 0406. The unit returned to 100% full power on 09/03/98 at 1710 and operated at or near 100% full power the remainder of the month.

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

OPERATING DATA REPORT

DOCKET NO 50-414

DATE October 15, 1998

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Catawba 2
2. Reporting Period: September 1, 1998-September 30, 1998
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, NURNG-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	106224.0
12. Number Of Hours Reactor Was Critical	98.9	5929.9	85976.9
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	98.6	5929.6	84801.6
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	289637	20112049	276121279
17. Gross Electrical Energy Generated (MWH)	102370	7192587	98103640
18. Net Electrical Energy Generated (MWH)	90649	6830413	92559735
19. Unit Service Factor	13.7	90.5	79.8
20. Unit Availability Factor	13.7	90.5	79.8
21. Unit Capacity Factor (Using MDC Net)	11.2	92.3	77.1
22. Unit Capacity Factor (Using DER Net)	11.0	91.1	76.1
23. Unit Forced Outage Rate	0.0	0.0	7.6

24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Currently Refueling

25. If Shut Down At End Of Report Period. Estimated Date of Startup: October 17, 1998
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 15, 1998
 COMPLETED BY R.A. Williams
 TELEPHONE 704-382-5346

MONTH September, 1998

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1072</u>	17	<u>0</u>
2	<u>1060</u>	18	<u>0</u>
3	<u>1052</u>	19	<u>0</u>
4	<u>841</u>	20	<u>0</u>
5	<u>0</u>	21	<u>0</u>
6	<u>0</u>	22	<u>0</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>0</u>
9	<u>0</u>	25	<u>0</u>
10	<u>0</u>	26	<u>0</u>
11	<u>0</u>	27	<u>0</u>
12	<u>0</u>	28	<u>0</u>
13	<u>0</u>	29	<u>0</u>
14	<u>0</u>	30	<u>0</u>
15	<u>0</u>		
16	<u>0</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-414
 UNIT NAME CATAWBA 2
 DATE 10/15/98
 COMPLETED BY R. A. Williams
 TELEPHONE (704)-382-5346

REPORT MONTH September 1998

NO.	DATE	(1) TYPE	DURATION HOURS	(2) REASON	(3) METHOD OF SHUT DOWN R/X	LICENSE EVENT REPORT NO.	(4) SYS- TEM CODE	(5) COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
1	98- 9- 5	S	621.45	C	1		RC	FUELXX	END-OF-CYCLE 09 REFUELING OUTAGE

(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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Catawba Unit 2
2. Scheduled next refueling shutdown: Currently Refueling
3. Scheduled restart following refueling: October 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: 684
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: October 15, 1998

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

DOCKET: 50 - 414

UNIT: Catawba 2

Date: 10/15/98

NARRATIVE SUMMARY

MONTH: September, 1998

Catawba Unit 2 began the month of September operating at 94% due to core coastdown to end-of-cycle 09 refueling outage. On 09/02/98 at 0252 the unit began decreasing power and held at 90% power from 2050 to 09/04/98 at 1300 due to core coastdown to end-of-cycle 09 refueling outage. The unit resumed decreasing power on 09/04/98 at 1300 to begin end-of-cycle 09 refueling outage. The unit was taken off-line 09/05/98 at 0233 to begin end-of-cycle 09 refueling outage. The unit was in the refueling outage the remainder of the month.

Prepared by: R. A. Williams
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