

# OPERATING DATA REPORT

DOCKET NO 50-413

DATE December 15, 1992

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

## OPERATING STATUS

1. Unit Name: Catawba I
2. Reporting Period: November 1, 1992-November 30, 1992
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	8040.0	65089.0
12. Number Of Hours Reactor Was Critical	720.0	5652.4	48042.6
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	720.0	5594.9	46990.8
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MMBtu)	2425694	18535472	152021777
17. Gross Electrical Energy Generated (MWH)	857347	6555062	53424466
18. Net Electrical Energy Generated (MWH)	812674	6175838	50109532
19. Unit Service Factor	100.0	69.6	72.2
20. Unit Availability Factor	100.0	69.6	72.2
21. Unit Capacity Factor (Using MDC %)	100.0	68.0	67.9
22. Unit Capacity Factor (Using DER %)	98.6	67.1	67.2
23. Unit Forced Outage Rate	0.0	9.1	11.2

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 Catamba 1  
DATE December 15, 1992  
COMPLETED BY R.A. Williams  
TELEPHONE 704-382-5346

MONTH November, 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	10.0
2	10.0
3	10.0
4	10.0
5	10.0
6	10.0
7	10.0
8	10.0
9	10.0
10	10.0
11	10.0
12	10.0
13	10.0
14	10.0
15	10.0
16	10.0
17	10.0
18	10.0
19	10.0
20	10.0
21	10.0
22	10.0
23	10.0
24	10.0
25	10.0
26	10.0
27	10.0
28	10.0
29	10.0
30	10.0
31	10.0
32	10.0
33	10.0
34	10.0
35	10.0
36	10.0
37	10.0
38	10.0
39	10.0
40	10.0
41	10.0
42	10.0
43	10.0
44	10.0
45	10.0
46	10.0
47	10.0
48	10.0
49	10.0
50	10.0
51	10.0
52	10.0
53	10.0
54	10.0
55	10.0
56	10.0
57	10.0
58	10.0
59	10.0
60	10.0
61	10.0
62	10.0
63	10.0
64	10.0
65	10.0
66	10.0
67	10.0
68	10.0
69	10.0
70	10.0
71	10.0
72	10.0
73	10.0
74	10.0
75	10.0
76	10.0
77	10.0
78	10.0
79	10.0
80	10.0
81	10.0
82	10.0
83	10.0
84	10.0
85	10.0
86	10.0
87	10.0
88	10.0
89	10.0
90	10.0
91	10.0
92	10.0
93	10.0
94	10.0
95	10.0
96	10.0
97	10.0
98	10.0
99	10.0
100	10.0

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	10.0
2	10.0
3	10.0
4	10.0
5	10.0
6	10.0
7	10.0
8	10.0
9	10.0
10	10.0
11	10.0
12	10.0
13	10.0
14	10.0
15	10.0
16	10.0
17	10.0
18	10.0
19	10.0
20	10.0
21	10.0
22	10.0
23	10.0
24	10.0
25	10.0
26	10.0
27	10.0
28	10.0
29	10.0
30	10.0
31	10.0
32	10.0
33	10.0
34	10.0
35	10.0
36	10.0
37	10.0
38	10.0
39	10.0
40	10.0
41	10.0
42	10.0
43	10.0
44	10.0
45	10.0
46	10.0
47	10.0
48	10.0
49	10.0
50	10.0
51	10.0
52	10.0
53	10.0
54	10.0
55	10.0
56	10.0
57	10.0
58	10.0
59	10.0
60	10.0
61	10.0
62	10.0
63	10.0
64	10.0
65	10.0
66	10.0
67	10.0
68	10.0
69	10.0
70	10.0
71	10.0
72	10.0
73	10.0
74	10.0
75	10.0
76	10.0
77	10.0
78	10.0
79	10.0
80	10.0
81	10.0
82	10.0
83	10.0
84	10.0
85	10.0
86	10.0
87	10.0
88	10.0
89	10.0
90	10.0
91	10.0
92	10.0
93	10.0
94	10.0
95	10.0
96	10.0
97	10.0
98	10.0
99	10.0
100	10.0

26 1144

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1992DOCKET NO. 50-413UNIT NAME CATAWBA 1DATE 12/15/92COMPLETED BY N. C. SIMMONSTELEPHONE (704)-382-5263

N O .	DATE	(1) T Y P E	DURATION HOURS	(2) R E A S O N	(3) M E T H O D O F S H U T D O W N R/X	LICENSE EVENT REPORT NO.	(4) S Y S - T E M C O D E	(5) C O M P O N E N T C O D E	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
		NO	SHUTDOWNS	OR		REDUCTIONS			

(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 NO: 50-413

UNIT: Catawba 1

DATE: 12/15/92

#### NARRATIVE SUMMARY

MONTH: November 1992

Catawba Unit 1 began the month of November operating at 100% full power. The unit operated at or near 100% for the entire month.

Prepared by: N. C. Simmons  
Telephone: 704-382-5263

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Catawba, Unit 1
2. Scheduled next refueling shutdown: October 1993
3. Scheduled restart following refueling: January 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 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: 408
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: December 15, 1992

Name of Contact: R. A. Williams

Phone: 704-382-5346

# OPERATING DATA REPORT

DOCKET NO 50-414  
 DATE December 15, 1992  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

## OPERATING STATUS

1. Unit Name: Catawba 2
2. Reporting Period: November 1, 1992-November 30, 1992
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	8040.0	55105.0
12. Number Of Hours Reactor Was Critical	392.9	7690.3	41987.9
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	367.6	7634.5	41197.7
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1214966	25463081	130589258
17. Gross Electrical Energy Generated (MWH)	433310	9038513	46214418
18. Net Electrical Energy Generated (MWH)	403784	8569217	43423086
19. Unit Service Factor	51.1	95.0	74.8
20. Unit Availability Factor	51.1	95.0	74.8
21. Unit Capacity Factor (Using MDC Net)	49.7	94.4	69.6
22. Unit Capacity Factor (Using DER Net)	49.0	93.1	68.8
23. Unit Forced Outage Rate	0.0	0.5	11.0
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling - January 30, 1993 - 68 days			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: \_\_\_\_\_
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

# OPERATING DATA REPORT

DOCKET NO 50-414  
UNIT Catawba 2  
DATE December 15, 1992  
COMPLETED BY R.A. Williams  
TELEPHONE 704-382-5346

MONTH November, 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1139</u>	17	<u>0</u>
2	<u>1131</u>	18	<u>0</u>
3	<u>1137</u>	19	<u>0</u>
4	<u>1134</u>	20	<u>0</u>
5	<u>1134</u>	21	<u>0</u>
6	<u>1146</u>	22	<u>0</u>
7	<u>1147</u>	23	<u>0</u>
8	<u>1147</u>	24	<u>0</u>
9	<u>1146</u>	25	<u>0</u>
10	<u>1146</u>	26	<u>0</u>
11	<u>1143</u>	27	<u>0</u>
12	<u>1132</u>	28	<u>0</u>
13	<u>1145</u>	29	<u>0</u>
14	<u>1145</u>	30	<u>0</u>
15	<u>1118</u>		
16	<u>40</u>		



## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1992DOCKET NO. 50-414UNIT NAME CATAWBA 2DATE 12/15/92COMPLETED BY N. C. SIMMONSTELEPHONE (704)-382-5263

N O .	DATE	(1)  T Y P E	DURATION HOURS	(2)  R E A S O N	(3)  M E T H O D O F S H U T D O W N R/X	LICENSE EVENT REPORT NO.	(4)  S Y S T E M C O D E	(5)  C O M P O N E N T C O D E	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
4	92-11-16	S	352.38	A	1		CB	PUMPXX	REACTOR COOLANT PUMP SEAL LEAK REPAIR
15-P	92-11-30	S	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION

(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 NO: 50-414

UNIT: Catawba 2

DATE: 12/15/92

NARRATIVE SUMMARY

MONTH: November 1992

Catawba Unit 2 began the month of November operating at 100% full power. The unit started a power decrease on 11/15 at 2000 to take the unit off-line. The unit was off-line from 11/16 at 0459 to 11/30 at 2122 for reactor coolant pump seal leak repairs. The unit held during power escalation approximately 20% power at 2150 for nuclear instrumentation calibrations. The unit ended the month in the hold.

Prepared by: N. C. Simmons  
Telephone: 704-382-5263

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Catawba, Unit 2
2. Scheduled next refueling shutdown: January 1993
3. Scheduled restart following refueling: April 1993

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: 280
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: December 15, 1992

Name of Contact: R. A. Williams

Phone: 704-382-5346