

OPERATING DATA REPORT

DOCKET NO 50-413

DATE December 14, 1990

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: Catawba 1
2. Reporting Period: November 1, 1990-November 30, 1990
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): 1198
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	8016.0	47545.0
12. Number Of Hours Reactor Was Critical	720.0	5604.9	35273.7
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	720.0	5534.9	34420.9
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2403257	18295452	110828557
17. Gross Electrical Energy Generated (MWH)	858562	6425044	38877865
18. Net Electrical Energy Generated (MWH)	814897	6029082	36425460
19. Unit Service Factor	100.0	69.1	72.4
20. Unit Availability Factor	100.0	69.1	72.4
21. Unit Capacity Factor (Using MDC Net)	100.3	66.6	67.4
22. Unit Capacity Factor (Using DER Net)	98.8	65.7	66.9
23. Unit Forced Outage Rate	0.0	10.1	12.9
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling - March 12, 1991 - 9 weeks			

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 December 14, 1990  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-373-5987

MONTH November, 1990

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>1127</u>	17	<u>1134</u>
2	<u>1131</u>	18	<u>1138</u>
3	<u>1130</u>	19	<u>1137</u>
4	<u>1129</u>	20	<u>1132</u>
5	<u>1126</u>	21	<u>1134</u>
6	<u>1130</u>	22	<u>1133</u>
7	<u>1131</u>	23	<u>1131</u>
8	<u>1135</u>	24	<u>1134</u>
9	<u>1134</u>	25	<u>1133</u>
10	<u>1130</u>	26	<u>1132</u>
11	<u>1119</u>	27	<u>1129</u>
12	<u>1134</u>	28	<u>1121</u>
13	<u>1137</u>	29	<u>1130</u>
14	<u>1139</u>	30	<u>1136</u>
15	<u>1135</u>		
16	<u>1132</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1990

DOCKET NO. 50-413  
 UNIT NAME CATAWBA I  
 DATE 12/14/90  
 COMPLETED BY S. W. MOSER  
 TELEPHONE (704)-373-5762

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
		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: 12/14/90

NARRATIVE SUMMARY

MONTH: November 1990

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

Prepared by: S. W. Moser  
Telephone: 704-373-5762

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Catawba, Unit 1
2. Scheduled next refueling shutdown: March 1991
3. Scheduled restart following refueling: June 1991
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? No  
If yes, what will these be? \_\_\_\_\_

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions? N/A

5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A
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: 264
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 14, 1990

Name of Contact: J. A. Reavis

Phone: 704-373-7567

OPERATING DATA REPORT

DOCKET NO 50-414

DATE December 14, 1990

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: Catawba 2
2. Reporting Period: November 1, 1990-November 30, 1990
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	8016.0	37561.0
12. Number Of Hours Reactor Was Critical	720.0	5303.5	26854.0
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	720.0	5242.2	26197.0
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2389145	16788694	80901294
17. Gross Electrical Energy Generated (MWH)	853013	5981247	28597413
18. Net Electrical Energy Generated (MWH)	809437	5615676	26760692
19. Unit Service Factor	100.0	65.4	69.8
20. Unit Availability Factor	100.0	65.4	69.8
21. Unit Capacity Factor (Using MDC Net)	99.6	62.1	62.8
22. Unit Capacity Factor (Using DER Net)	98.2	61.2	62.2
23. Unit Forced Outage Rate	0.0	1.8	14.9
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 50-414  
 UNIT Catawba 2  
 DATE December 14, 1990  
 COMPLETED BY R.A Williams  
 TELEPHONE 704-373-5987

MONTH November, 1990

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>1128</u>	17	<u>1127</u>
2	<u>1128</u>	18	<u>1130</u>
3	<u>1127</u>	19	<u>1122</u>
4	<u>1126</u>	20	<u>1124</u>
5	<u>1121</u>	21	<u>1124</u>
6	<u>1129</u>	22	<u>1122</u>
7	<u>1129</u>	23	<u>1097</u>
8	<u>1130</u>	24	<u>1120</u>
9	<u>1131</u>	25	<u>1122</u>
10	<u>1127</u>	26	<u>1127</u>
11	<u>1121</u>	27	<u>1118</u>
12	<u>1127</u>	28	<u>1110</u>
13	<u>1129</u>	29	<u>1123</u>
14	<u>1124</u>	30	<u>1129</u>
15	<u>1128</u>		
16	<u>1127</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1990

DOCKET NO. 50-414  
 UNIT NAME CATAWBA 2  
 DATE 12/14/90  
 COMPLETED BY S. W. MOSER  
 TELEPHONE (704)-373-5762

NO.	DATE	(1)	DURATION HOURS	(2)	(3)	LICENSE EVENT REPORT NO.	(4)	(5)	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
		TYPE		REASON	METHOD OF SHUT DOWN		SYS- TEM CODE	COMPONENT CODE	
		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: 50-414

UNIT: Catawba 2

DATE: 12/14/90

NARRATIVE SUMMARY

MONTH: November 1990

Catawba Unit 2 began the month of November operating at 100% full power.

The unit operated at or near 100% full power for the entire month,

and ended the month operating at 100% full power.

Prepared by: S. W. Moser  
Telephone: 704-373-5762

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Catawba, Unit 2
2. Scheduled next refueling shutdown: September 1991
3. Scheduled restart following refueling: November 1991
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? No  
If yes, what will these be? \_\_\_\_\_  
If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions? N/A
5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A
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: 204
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 14, 1990

Name of Contact: J. A. Reavis

Phone: 704-373-7567