

OPERATING DATA REPORT

DOCKET NO 50-413
 DATE January 15, 1991
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: Catawba 1
2. Reporting Period: December 1, 1990-December 31, 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	744.0	8760.0	48289.0
12. Number Of Hours Reactor Was Critical	744.0	6348.9	36017.7
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	6278.9	35164.9
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2472954	20768406	113301511
17. Gross Electrical Energy Generated (MWH)	886619	7311663	39764484
18. Net Electrical Energy Generated (MWH)	840769	6869851	37266229
19. Unit Service Factor	100.0	71.7	72.8
20. Unit Availability Factor	100.0	71.7	72.8
21. Unit Capacity Factor (Using MDC Net)	100.1	69.5	67.9
22. Unit Capacity Factor (Using DER Net)	98.7	68.5	67.4
23. Unit Forced Outage Rate	0.0	9.0	12.7
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Refueling - March 15, 1991 - 12 weeks</u>			

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

MONTH December, 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>1134</u>	17	<u>1131</u>
2	<u>1132</u>	18	<u>1126</u>
3	<u>1124</u>	19	<u>1127</u>
4	<u>1130</u>	20	<u>1130</u>
5	<u>1134</u>	21	<u>1130</u>
6	<u>1135</u>	22	<u>1125</u>
7	<u>1135</u>	23	<u>1102</u>
8	<u>1137</u>	24	<u>1127</u>
9	<u>1121</u>	25	<u>1132</u>
10	<u>1133</u>	26	<u>1134</u>
11	<u>1133</u>	27	<u>1135</u>
12	<u>1132</u>	28	<u>1136</u>
13	<u>1130</u>	29	<u>1135</u>
14	<u>1132</u>	30	<u>1128</u>
15	<u>1134</u>	31	<u>1130</u>
16	<u>1129</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December 1990

DOCKET NO. 50-413
 UNIT NAME CATAWBA 1
 DATE 01/15/91
 COMPLETED BY S. W. MOSER
 TELEPHONE (704)-373-5762

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	L I C E N S E E V E N T R E P O R T N O.	(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	C A U S E A N D C O R R E C T I V E A C T I O N T O P R E V E N T R E C U R R E N C E
		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: 1/15/91

NARRATIVE SUMMARY

MONTH: December 1990

Catawba Unit 1 began the month of December 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?

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).

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.

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: 5
9. Projected date of last refueling which can be accommodated by present licensed capacity: September 2009

DUKE POWER COMPANY

DATE: January 15, 1991

Name of Contact: J. A. Reavis

Phone: 704-373-7567

OPERATING DATA REPORT

DUCKET NO 50-414

DATE January 15, 1991

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: Catawba 2
2. Reporting Period: December 1, 1990-December 31, 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	744.0	6760.0	38305.0
12. Number Of Hours Reactor Was Critical	744.0	6047.5	27598.0
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	5986.2	26941.0
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2430352	19219046	83331646
17. Gross Electrical Energy Generated (MWH)	866012	6847259	29463425
18. Net Electrical Energy Generated (MWH)	821921	6437597	27582613
19. Unit Service Factor	100.0	68.3	70.3
20. Unit Availability Factor	100.0	68.3	70.3
21. Unit Capacity Factor (Using MDC Net)	97.8	65.1	63.5
22. Unit Capacity Factor (Using DER Net)	96.5	64.2	62.9
23. Unit Forced Outage Rate	0.0	1.6	14.6

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: _____

	Forecast	Achieved
26. Units In Test Status (Prior to Commercial Operation):		
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

OPERATIONAL DATA REPORT

DOCKET NO 50-414
 UNIT Catamba 2
 DATE January 15, 1990
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5987

MONTH December, 1970

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1129</u>	17	<u>1129</u>
2	<u>1127</u>	18	<u>1106</u>
3	<u>1120</u>	19	<u>1088</u>
4	<u>1124</u>	20	<u>1094</u>
5	<u>1129</u>	21	<u>1124</u>
6	<u>1128</u>	22	<u>1130</u>
7	<u>1129</u>	23	<u>1124</u>
8	<u>1104</u>	24	<u>928</u>
9	<u>1127</u>	25	<u>1128</u>
10	<u>1129</u>	26	<u>1137</u>
11	<u>1129</u>	27	<u>1135</u>
12	<u>1128</u>	28	<u>1133</u>
13	<u>1124</u>	29	<u>1133</u>
14	<u>1128</u>	30	<u>1123</u>
15	<u>805</u>	31	<u>1127</u>
16	<u>1049</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December 1990

DOCKET NO. 50-414
 UNIT NAME CATAWBA 2
 DATE 01/15/91
 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
18-P	90-12-15	F	--	A	--		CH	TURBIN	FEEDWATER PUMP TURBINE 'B' REPAIRS
19-P	90-12-24	S	--	F	--		ZZ	ZZZZZZ	DISPATCH REDUCTION

(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: 1/15/91

NARRATIVE SUMMARY

MONTH: December 1990

Catawba Unit 2 began the month of December operating at 98% power, limited due to steam generator "D" feedwater preheater max flow. The unit operated at or near 98% power until 0001 on 12/15, when a load reduction was commenced due to a problem with feedwater pump turbine "B". The unit was held at approximately 70% power from 0633 on 12/15 to 0005 on 12/16. The unit reached 98% power at 1030 on 12/16, and operated at or near 98% power until 2305 on 12/23, when a load reduction was commenced due to economic dispatch. The unit was held at approximately 70% power from 0300 to 0827 on 12/24 per dispatcher's request. The unit reached 98% at 0027 on 12/25, and operated at 98% power for the remainder of the month.

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?

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).

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.

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: January 15, 1991

Name of Contact: J. A. Reavis

Phone: 704-373-7567