

OPERATING DATA REPORT

DOCKET NO 50-413

DATE November 15, 1991

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: Catawba 1
2. Reporting Period: October 1, 1991-October 31, 1991
3. Licensed Thermal Power (Mw): 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	745.0	7296.0	55585.0
12. Number Of Hours Reactor Was Critical	727.8	4908.6	40926.2
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	723.5	4767.0	39931.9
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2432772	15230199	128531843
17. Gross Electrical Energy Generated (MWH)	861736	5354304	45118788
18. Net Electrical Energy Generated (MWH)	816023	5008622	42274851
19. Unit Service Factor	97.1	65.3	71.8
20. Unit Availability Factor	97.1	65.3	71.8
21. Unit Capacity Factor (Using MDC Net)	97.0	60.8	67.0
22. Unit Capacity Factor (Using DER Net)	95.7	60.0	66.4
23. Unit Forced Outage Rate	2.9	5.3	11.9
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

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 November 15, 1991
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5987

MONTH October, 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1135</u>	17	<u>1148</u>
2	<u>542</u>	18	<u>1147</u>
3	<u>296</u>	19	<u>1144</u>
4	<u>1125</u>	20	<u>1145</u>
5	<u>1134</u>	21	<u>1167</u>
6	<u>1142</u>	22	<u>1141</u>
7	<u>1147</u>	23	<u>1137</u>
8	<u>1146</u>	24	<u>1137</u>
9	<u>1147</u>	25	<u>1137</u>
10	<u>1144</u>	26	<u>1139</u>
11	<u>1145</u>	27	<u>1139</u>
12	<u>1146</u>	28	<u>1136</u>
13	<u>1147</u>	29	<u>1143</u>
14	<u>1132</u>	30	<u>1147</u>
15	<u>1142</u>	31	<u>1145</u>
16	<u>1149</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October 1991

DOCKET NO. 50-413
 UNIT NAME CATAWBA 1
 DATE 11/15/91
 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
12	91-10- 2	F	21.55	A	3		HE	HTEXCH	AUTOMATIC TURBINE/REACTOR TRIP DUE TO HIGH MOISTURE SEPERATOR REHEATER LEVEL
31-P	91-10- 3	F	--	A	--		HJ	ZZZZZZ	CONDENSATE FEEDWATER SWINGS

(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: 11/15/91

NARRATIVE SUMMARY

MONTH: October 1991

Catawba Unit 1 began the month of October operating at 100% full power. The unit operated at or near 100% full power until 1200 on 10/02, when an automatic turbine/reactor trip occurred due to high moisture separator reheater level. The unit was placed back on-line at 0933 on 10/03. During the power increase, the unit was held at approximately 20% power from 1315 to 1328 on 10/03 due to condensate feedwater swings. The unit reached 100% full power at 0402 on 10/04, and operated at or near 100% full 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 1
2. Scheduled next refueling shutdown: June 1992
3. Scheduled restart following refueling: August 1992

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: 336
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

DATF: November 15, 1991

Name of Contact: R. A. Williams

Phone: 703-373-5987

OPERATING DATA REPORT

DOCKET NO EO-414
 DATE November 15, 1991
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5167

OPERATING STATUS

1. Unit Name: Catawba 2
2. Reporting Period: October 1, 1991-October 31, 1991
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	745.0	7296.0	45601.0
12. Number Of Hours Reactor Was Critical	411.9	6464.7	34062.7
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	411.6	6422.2	33363.3
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1361210	21268350	104637430
17. Gross Electrical Energy Generated (MWH)	483215	7543268	37006693
18. Net Electrical Energy Generated (MWH)	453741	7128135	34710748
19. Unit Service Factor	55.2	88.0	73.2
20. Unit Availability Factor	55.2	88.0	73.2
21. Unit Capacity Factor (Using MDC Net)	54.0	86.5	67.2
22. Unit Capacity Factor (Using DER Net)	53.2	85.3	66.5
23. Unit Forced Outage Rate	0.0	6.4	13.1

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: December 22, 1991

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 November 15, 1991
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5987

MONTH October, 1991

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1137</u>	17	<u>0</u>
2	<u>1132</u>	18	<u>0</u>
3	<u>1135</u>	19	<u>0</u>
4	<u>1132</u>	20	<u>0</u>
5	<u>1127</u>	21	<u>0</u>
6	<u>1138</u>	22	<u>0</u>
7	<u>1147</u>	23	<u>0</u>
8	<u>1146</u>	24	<u>0</u>
9	<u>1143</u>	25	<u>0</u>
10	<u>1138</u>	26	<u>0</u>
11	<u>1138</u>	27	<u>0</u>
12	<u>1139</u>	28	<u>0</u>
13	<u>1141</u>	29	<u>0</u>
14	<u>1138</u>	30	<u>0</u>
15	<u>1132</u>	31	<u>0</u>
16	<u>1139</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October 1991

DOCKET NO. 50-414
 UNIT NAME CATAWBA 2
 DATE 11/15/91
 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
13-P	91-10-17	F	--	A	--		HH	INSTRU	AUXILIARY FEEDWATER AUTO START DURING BYPASS ATTEMPT TO ANTICIPATED TRANSIT WITH SCRA
8	91-10-18	S	030.43	C	1		RC	FUELXX	EOC-4 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

DOCKET NO: 50-414

UNIT: Catawba 2

DATE: 11/15/91

NARRATIVE SUMMARY

MONTH: October 1991

Catawba Unit 2 began the month of October operating at 100% full power. The unit operated at or near 100% full power until 0900 on 10/17, when a load reduction was begun to take the unit off-line for its end-of-cycle '4' refueling outage. The load decrease was stopped at 40% power at 1953 on 10/17 due to problems bypassing AMSAC (ATWS mitigation system actuation circuit). Automatic actuation of auxiliary feedwater system occurred when attempting to bypass AMSAC. The power decrease was resumed at 2341 on 10/17, and the unit was taken off-line at 0336 on 10/18. The unit ended the month in the refueling outage.

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

MONTHLY REFUELING INFORMATION REQUE

1. Facility name: Catawba, Unit 2
2. Scheduled next refueling shutdown: Currently Refueling
3. Scheduled restart following refueling: December 1991

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: 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: Novemeber 15, 1991

Name of Contact: R. A. Williams

Phone: 704-373-5987