

# OPERATING DATA REPORT

## OPERATING STATUS

DOCKET NO 50-413

DATE April 15, 1993

COMPLETED BY E.A. Williams

TELEPHONE 704-902-5346

1. Unit Name: Catawba 1
2. Reporting Period: March 1, 1993-March 31, 1993
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, WUREG-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	2160.0	7993.0
12. Number Of Hours Reactor Was Critical	744.0	2160.0	50946.6
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	2160.0	49884.6
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2502382	7268381	161805189
17. Gross Electrical Energy Generated (MWH)	889173	2606807	56932026
18. Net Electrical Energy Generated (MWH)	843465	2473406	53438647
19. Unit Service Factor	100.0	100.0	73.4
20. Unit Availability Factor	100.0	100.0	73.4
21. Unit Capacity Factor (Using MDC Net)	100.4	101.4	69.3
22. Unit Capacity Factor (Using DER Net)	99.0	100.0	68.6
23. Unit Forced Outage Rate	0.0	0.0	10.6

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: \_\_\_\_\_

26. Units In Test Status (Prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY  
INITIAL ELECTRICITY  
COMMERCIAL OPERATION

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# OPERATING DATA REPORT

DOCKET NO. 50-410  
 UNIT Catawba 1  
 DATE April 15, 1993  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH March, 1993

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
1	<u>1155</u>	17	<u>1141</u>
2	<u>1151</u>	18	<u>1143</u>
3	<u>1149</u>	19	<u>1145</u>
4	<u>1148</u>	20	<u>1011</u>
5	<u>1112</u>	21	<u>1124</u>
6	<u>1152</u>	22	<u>1138</u>
7	<u>1148</u>	23	<u>1133</u>
8	<u>1106</u>	24	<u>1133</u>
9	<u>1099</u>	25	<u>1136</u>
10	<u>1144</u>	26	<u>1139</u>
11	<u>1143</u>	27	<u>1139</u>
12	<u>1150</u>	28	<u>1136</u>
13	<u>1148</u>	29	<u>1133</u>
14	<u>1146</u>	30	<u>1130</u>
15	<u>1146</u>	31	<u>1122</u>
16	<u>1144</u>		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1993

DOCKET NO. 50-413  
 UNIT NAME CATAWBA 1  
 DATE 04/15/93  
 COMPLETED BY N. C. SIMMONS  
 TELEPHONE (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
1-P	93- 3-20	F	--	A	--		HA	TURBIN	MAIN TURBINE HYDRAULIC OIL SYSTEM LEAKAGE

(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: 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: April 15, 1993

Name of Contact: N. C. Simmons

Phone: 704-382-5263

DOCKET: 50-413

UNIT: Catawba 1

Date: 04/15/93

#### NARRATIVE SUMMARY

MONTH: March 1993

Catawba Unit 1 began the month of March operating at 100% full power. The unit operated at or near 100% full power until 3/20 at 1100 when it started a power decrease. The unit was held at 65% power from 1405 to 1725 to repair the main turbine hydraulic oil system leakage. The unit was returned to 100% on 3/21 at 0510. The unit operated at or near 100% for the remainder of the month.

# OPERATING DATA REPORT

## OPERATING STATUS

DOCKET NO 50-414  
DATE April 15, 1993  
COMPLETED BY R.A. Williams  
TELEPHONE 704-382-5346

1. Unit Name: Catawba 2
2. Reporting Period: March 1, 1993-March 31, 1993
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): 1182
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	2160.0	58009.0
12. Number Of Hours Reactor Was Critical	29.1	725.2	43371.6
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	0.0	695.4	42541.0
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	0	2339829	135030975
17. Gross Electrical Energy Generated (MWH)	0	836070	47797045
18. Net Electrical Energy Generated (MWH)	-10788	777877	44905203
19. Unit Service Factor	0.0	32.2	73.3
20. Unit Availability Factor	0.0	32.2	73.3
21. Unit Capacity Factor (Using WDC Net)	0.0	31.9	68.4
22. Unit Capacity Factor (Using DER Net)	0.0	31.5	67.6
23. Unit Forced Outage Rate	0.0	0.0	10.9
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: April 01, 1993

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 Catamba 2  
DATE April 15, 1983  
COMPLETED BY R.A. Williams  
TELEPHONE 704-382-5346

MONTH March, 1983

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
1	<u>0</u>	17	<u>0</u>
2	<u>0</u>	18	<u>0</u>
3	<u>0</u>	19	<u>0</u>
4	<u>0</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>	31	<u>0</u>
16	<u>0</u>		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1993DOCKET NO. 50-414UNIT NAME CATAWBA 2DATE 04/15/93COMPLETED 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
1	93- 3- 1	S	744.00	C	1		RC	FUELXX	END-OF-CYCLE 5 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: 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: 356
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: April 15, 1993

Name of Contact: N. C. Simmons

Phone: 704-382-5263

DOCKET: 50-414

UNIT: Catawba 2

Date: 04/15/93

#### NARRATIVE SUMMARY

MONTH: March 1993

Catawba Unit 2 began the month of March in end-of-cycle 5 refueling outage. The unit was in the outage for the entire month.