

# OPERATING DATA REPORT

DOCKET NO 50-413

DATE November 15, 1995

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

## OPERATING STATUS

1. Unit Name: Catawba 1
2. Reporting Period: October 1, 1995-October 31, 1995
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	90649.0
12. Number Of Hours Reactor Was Critical	745.0	6344.3	70855.9
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	745.0	6249.2	69624.7
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2487936	20846522	226989953
17. Gross Electrical Energy Generated (MWH)	905062	7432418	80116168
18. Net Electrical Energy Generated (MWH)	857087	7027562	75351024
19. Unit Service Factor	100.0	85.7	76.8
20. Unit Availability Factor	100.0	85.7	76.8
21. Unit Capacity Factor (Using MDC Net)	101.9	85.3	73.4
22. Unit Capacity Factor (Using DER Net)	100.5	84.1	72.6
23. Unit Forced Outage Rate	0.0	0.7	8.4
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 Catawba 1  
 DATE November 15, 1995  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH October, 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1152</u>
2	<u>1149</u>
3	<u>1147</u>
4	<u>1146</u>
5	<u>1136</u>
6	<u>1145</u>
7	<u>1149</u>
8	<u>1152</u>
9	<u>1155</u>
10	<u>1150</u>
11	<u>1147</u>
12	<u>1148</u>
13	<u>1145</u>
14	<u>1142</u>
15	<u>1158</u>
16	<u>1158</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>1159</u>
18	<u>1156</u>
19	<u>1153</u>
20	<u>1113</u>
21	<u>1157</u>
22	<u>1157</u>
23	<u>1156</u>
24	<u>1149</u>
25	<u>1154</u>
26	<u>1156</u>
27	<u>1150</u>
28	<u>1154</u>
29	<u>1159</u>
30	<u>1159</u>
31	<u>1157</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October 1995

DOCKET NO. 50-413

UNIT NAME CATAWBA-1DATE 11/15/95COMPLETED BY R. A. WilliamsTELEPHONE (704)-382-5346

NO.	DATE	(1) TYPE	DURATION HOURS	(2) REASON	(3) METHOD OF SHUT DOWN R/X	LICENSE EVENT REPORT NO.	(4) SYSTEM 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: 50 -413

UNIT: Catawba 1

Date: 11/15/95

#### NARRATIVE SUMMARY

MONTH: October 1995

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

Prepared by: R. A. Williams  
Telephone: (704) - 382-5346

### MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Catawba, Unit 1
2. Scheduled next refueling shutdown: May 1996
3. Scheduled restart following refueling: September 1996

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: 560
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 license capacity:  
September 2009

DUKE POWER COMPANY

DATE: November 15, 1995

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

# OPERATING DATA REPORT

## OPERATING STATUS

DOCKET NO 50-414  
DATE November 15, 1995  
COMPLETED BY R.A. Williams  
TELEPHONE 704-382-5346

1. Unit Name: Catawba 2
2. Reporting Period: October 1, 1995-October 31, 1995
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	80665.0
12. Number Of Hours Reactor Was Critical	143.8	6358.4	63367.6
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	143.4	6316.9	62378.3
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	462442	21322154	201021037
17. Gross Electrical Energy Generated (MWH)	163613	7547543	71246923
18. Net Electrical Energy Generated (MWH)	150684	7147682	67113235
19. Unit Service Factor	19.3	86.6	77.3
20. Unit Availability Factor	19.3	86.6	77.3
21. Unit Capacity Factor (Using MDC Net)	17.9	86.8	73.5
22. Unit Capacity Factor (Using DER Net)	17.7	85.6	72.7
23. Unit Forced Outage Rate	0.0	5.6	8.5

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: November 20, 1995

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

INITIAL CRITICALITY  
INITIAL ELECTRICITY  
COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

# OPERATING DATA REPORT

DOCKET NO 50-414  
 UNIT Catawba 2  
 DATE November 15, 1995  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH October, 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1145</u>
2	<u>1143</u>
3	<u>1135</u>
4	<u>1134</u>
5	<u>1079</u>
6	<u>835</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October 1995

DOCKET NO. 50-414  
UNIT NAME CATAWBA 2  
DATE 11/15/95  
COMPLETED BY R. A. Williams  
TELEPHONE (704)-382-5346

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
6	95-10- 6	S	601.57	C	1		RC	FUELXX	END-OF-CYCLE 07 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: 50- 414

UNIT: Catawba 2

Date: 11/15/95

#### NARRATIVE SUMMARY

MONTH: October 1995

Catawba Unit 2 began the month of October operating at 100% full power. The unit operated at or near 100% until 10/06/95 at 1500, when the unit began decreasing power to begin end-of-cycle 07 refueling outage. The unit was taken off-line on 10/06/95 at 2326 for end-of-cycle 07 refueling outage. The unit was in the refueling outage the remainder of the month.

Prepared by: R. A. Williams  
Telephone: (704) - 382-5346

### MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Catawba, Unit 2
2. Scheduled next refueling shutdown: Currently Refueling
3. Scheduled restart following refueling: November 1995

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: 524
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 license capacity:  
September 2011

DUKE POWER COMPANY

DATE: November 15, 1995

Name of Contact: R. A. Williams

Phone: (704) - 382-5346