

# OPERATING DATA REPORT

DOCKET NO 50-413  
 DATE September 13, 1996  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

## OPERATING STATUS

1. Unit Name: Catawba 1
2. Reporting Period: August 1, 1996-August 31, 1996
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	5855.0	97968.0
12. Number Of Hours Reactor Was Critical	0.0	3812.7	76106.4
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	0.0	3773.8	74862.5
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	0	12337402	244287661
17. Gross Electrical Energy Generated (MWH)	0	4420713	86323524
18. Net Electrical Energy Generated (MWH)	-6526	4165324	81210413
19. Unit Service Factor	0.0	64.5	76.4
20. Unit Availability Factor	0.0	64.5	76.4
21. Unit Capacity Factor (Using MDC Net)	0.0	63.0	73.2
22. Unit Capacity Factor (Using DER Net)	0.0	62.1	72.4
23. Unit Forced Outage Rate	0.0	4.1	8.0

24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Currently Refueling and Steam Generator Replacement Outage

25. If Shut Down At End Of Report Period. Estimated Date of Startup: September 28, 1996

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

Forecast Achieved

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

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

9609180328 960913  
 PDR ADOCK 05000413  
 R PDR

# OPERATING DATA REPORT

DOCKET NO 50-413  
 UNIT Catawba I  
 DATE September 13, 1996  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH August, 1996

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</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 August 1996

DOCKET NO. 50-413  
 UNIT NAME CATAWBA 1  
 DATE 09/13/96  
 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
3	96- 8- 1	S	744.00	C	--		RC	FUELXX	END-OF-CYCLE 09 REFUELING OUTAGE AND MAINTENACE

(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: 09/13/96

#### NARRATIVE SUMMARY

MONTH: August, 1996

Catawba Unit 1 began the month of August in end-of-cycle 09 refueling and maintenance outage which includes steam generator replacement work. The unit remained in the outage 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: Currently Refueling
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: 632
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: September 13, 1996

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

# OPERATING DATA REPORT

DOCKET NO 50-414

DATE September 13, 1996

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

## OPERATING STATUS

1. Unit Name: Catawba 2
2. Reporting Period: August 1, 1996-August 31, 1996
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: \_\_\_\_\_

\*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	5855.0	87984.0
12. Number Of Hours Reactor Was Critical	539.4	5407.8	69573.9
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	523.9	5353.9	68491.6
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1705968	17998508	221415046
17. Gross Electrical Energy Generated (MWH)	601515	6422776	78527143
18. Net Electrical Energy Generated (MWH)	559025	6081810	73994067
19. Unit Service Factor	70.4	91.4	77.8
20. Unit Availability Factor	70.4	91.4	77.8
21. Unit Capacity Factor (Using MDC Net)	66.6	92.0	74.3
22. Unit Capacity Factor (Using DER Net)	65.6	90.7	73.5
23. Unit Forced Outage Rate	29.6	8.6	8.9
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 September 13, 1996  
COMPLETED BY R.A. Williams  
TELEPHONE 704-382-5346

MONTH August, 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1147</u>
2	<u>1147</u>
3	<u>142</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>221</u>
13	<u>649</u>
14	<u>904</u>
15	<u>1138</u>
16	<u>1144</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>1144</u>
18	<u>1144</u>
19	<u>1143</u>
20	<u>1143</u>
21	<u>1143</u>
22	<u>1143</u>
23	<u>1142</u>
24	<u>1144</u>
25	<u>1145</u>
26	<u>1144</u>
27	<u>1143</u>
28	<u>1145</u>
29	<u>1145</u>
30	<u>1116</u>
31	<u>1147</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August 1996DOCKET NO. 50-414UNIT NAME CATAWBA 2DATE 09/13/96COMPLETED BY R. A. WilliamsTELEPHONE (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
2	96- 8- 3	F	220.15	A	1		AA	INSTRU	CONTROL ROOM VENTILATION INOPERABLE
5-P	96- 8-12	F	--	A	--		CH	PIPEXX	VERIFICATION OF ACCEPTABLE FEEDWATER LINE TEMPERATURE
6-P	96- 8-12	F	--	A	--		HH	PUMPXX	"2B" FEEDWATER PUMP PROBLEMS
7-P	96- 8-14	S	--	B	--		HB	VALVEX	MAIN TURBINE CONTROL VALVE MOVEMENT TESTING

(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: 09/13/96

#### NARRATIVE SUMMARY

MONTH: August, 1996

Catawba Unit 2 began the month of August operating at 100% full power. The unit operated at or near 100% full power until 08/03/96 at 0200, when the unit began decreasing power and was removed from service at 0604 due to control room ventilation system inoperable (Tech. Spec. 3.0.3). The unit was placed on-line 08/12/96 at 1013. During power escalation, the unit held at 15% power from 1115 to 1215 for verification of acceptable feedwater line temperature. The unit held at 61% power from 1822 to 08/14/96 at 0612 due to "2B" feedwater pump problems. On 08/14/96 from 1007 to 1020 the unit held at 83% power due to main turbine control valve movement testing. The unit returned to 100% power on 08/14/96 at 1746, and operated at or near 100% full power 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: March 1997
3. Scheduled restart following refueling: April 1997

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: September 13, 1996

Name of Contact: R. A. Williams

Phone: (704) - 382-5346