

# OPERATING DATA REPORT

## OPERATING STATUS

DOCKET NO 50-413

DATE February 14, 1997

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

1. Unit Name: Catawba 1
2. Reporting Period: January 1, 1997-January 31, 1997
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	744.0	101641.0
12. Number Of Hours Reactor Was Critical	744.0	744.0	78977.8
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	744.0	77641.8
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2533075	2533075	253236536
17. Gross Electrical Energy Generated (MWH)	915091	915091	89534497
18. Net Electrical Energy Generated (MWH)	870065	870065	84225431
19. Unit Service Factor	100.0	100.0	76.4
20. Unit Availability Factor	100.0	100.0	76.4
21. Unit Capacity Factor (Using MDC Net)	103.6	103.6	73.2
22. Unit Capacity Factor (Using DER Net)	102.1	102.1	72.4
23. Unit Forced Outage Rate	0.0	0.0	7.8

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

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

9702200219 970214  
PDR ADOCK 05000413  
R PDR

# OPERATING DATA REPORT

DOCKET NO 50-413  
UNIT Catawba I  
DATE February 14, 1997  
COMPLETED BY R.A. Williams  
TELEPHONE 704-382-5346

MONTH January, 1997

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1135</u>	17	<u>1172</u>
2	<u>1165</u>	18	<u>1172</u>
3	<u>1164</u>	19	<u>1173</u>
4	<u>1164</u>	20	<u>1172</u>
5	<u>1163</u>	21	<u>1173</u>
6	<u>1171</u>	22	<u>1170</u>
7	<u>1171</u>	23	<u>1169</u>
8	<u>1172</u>	24	<u>1171</u>
9	<u>1171</u>	25	<u>1171</u>
10	<u>1169</u>	26	<u>1173</u>
11	<u>1172</u>	27	<u>1172</u>
12	<u>1173</u>	28	<u>1170</u>
13	<u>1172</u>	29	<u>1172</u>
14	<u>1173</u>	30	<u>1173</u>
15	<u>1173</u>	31	<u>1173</u>
16	<u>1171</u>		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January 1997

DOCKET NO. 50-413  
 UNIT NAME CATAWBA 1  
 DATE 02/14/97  
 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
		NO	SHUTDOWNS	OR		REDUCTION	S		

(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: 02/14/97

#### NARRATIVE SUMMARY

MONTH: January, 1996

Catawba Unit 1 began the month of January 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: November 1997
3. Scheduled restart following refueling: January 1998

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: February 14, 1997

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

# OPERATING DATA REPORT

## OPERATING STATUS

DOCKET NO 50-414

DATE February 14, 1997

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

1. Unit Name: Catawba 2
2. Reporting Period: January 1, 1997-January 31, 1997
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	744.0	91657.0
12. Number Of Hours Reactor Was Critical	744.0	744.0	73113.1
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	744.0	71990.2
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2517350	2517350	233229426
17. Gross Electrical Energy Generated (MWH)	907272	907272	82755905
18. Net Electrical Energy Generated (MWH)	863062	863062	78008954
19. Unit Service Factor	100.0	100.0	78.5
20. Unit Availability Factor	100.0	100.0	78.5
21. Unit Capacity Factor (Using MDC Net)	102.8	102.8	75.3
22. Unit Capacity Factor (Using DER Net)	101.3	101.3	74.3
23. Unit Forced Outage Rate	0.0	0.0	8.7

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

Refueling - March 22, 1997 - 40 days

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 February 14, 1997  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH January, 1997

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1162</u>
2	<u>1160</u>
3	<u>1158</u>
4	<u>1158</u>
5	<u>1156</u>
6	<u>1164</u>
7	<u>1165</u>
8	<u>1123</u>
9	<u>1125</u>
10	<u>1161</u>
11	<u>1163</u>
12	<u>1163</u>
13	<u>1163</u>
14	<u>1164</u>
15	<u>1163</u>
16	<u>1162</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>1164</u>
18	<u>1163</u>
19	<u>1164</u>
20	<u>1163</u>
21	<u>1163</u>
22	<u>1163</u>
23	<u>1161</u>
24	<u>1164</u>
25	<u>1162</u>
26	<u>1164</u>
27	<u>1164</u>
28	<u>1162</u>
29	<u>1165</u>
30	<u>1165</u>
31	<u>1164</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January 1997DOCKET NO. 50-414UNIT NAME CATAWBA 2DATE 02/14/97COMPLETED 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		REDUCTION	S		

(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: 02/14/97

#### NARRATIVE SUMMARY

MONTH: January, 1996

Catawba Unit 2 began the month of January 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 2
2. Scheduled next refueling shutdown: March 1997
3. Scheduled restart following refueling: May 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: February 14, 1997

Name of Contact: R. A. Williams

Phone: (704) - 382-5346