

# OPERATING DATA REPORT

## OPERATING STATUS

DOCKET NO 50-413

DATE March 15, 1996

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

1. Unit Name: Catawba 1
2. Reporting Period: February 1, 1996-February 29, 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	696.0	1440.0	93553.0
12. Number Of Hours Reactor Was Critical	696.0	1369.1	73662.7
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	696.0	1348.9	72437.6
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2088420	4182470	236132729
17. Gross Electrical Energy Generated (MWH)	747794	1497392	83400203
18. Net Electrical Energy Generated (MWH)	705303	1411806	78456895
19. Unit Service Factor	100.0	93.7	77.4
20. Unit Availability Factor	100.0	93.7	77.4
21. Unit Capacity Factor (Using IDC Net)	89.8	86.8	74.0
22. Unit Capacity Factor (Using DER Net)	88.5	85.6	73.2
23. Unit Forced Outage Rate	0.0	6.3	8.2

24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
Refueling - June 13, 1996 - 99 dsys

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 I  
DATE March 15, 1996  
COMPLETED BY R.A. Williams  
TELEPHONE 704-382-5346

MONTH February, 1996

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
1	<u>1163</u>
2	<u>1163</u>
3	<u>1162</u>
4	<u>1161</u>
5	<u>1158</u>
6	<u>1152</u>
7	<u>1141</u>
8	<u>1139</u>
9	<u>1154</u>
10	<u>1156</u>
11	<u>1153</u>
12	<u>1158</u>
13	<u>1132</u>
14	<u>481</u>
15	<u>458</u>
16	<u>459</u>

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL</u> <u>(MWe-Net)</u>
17	<u>468</u>
18	<u>469</u>
19	<u>556</u>
20	<u>1080</u>
21	<u>1160</u>
22	<u>1158</u>
23	<u>1157</u>
24	<u>1161</u>
25	<u>1163</u>
26	<u>1155</u>
27	<u>1152</u>
28	<u>1155</u>
29	<u>1162</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February 1996DOCKET NO. 50-413UNIT NAME CATAWBA 1DATE 03/15/96COMPLETED 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
6-P	96- 2-14	F	--	B	--		EA	TRANSF	MAIN POWER TRANSFORMER MAINTENANCE
7-P	96- 2-19	F	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION SYSTEM/ THERMAL POWER MISMATCH

(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: 03/15/96

#### NARRATIVE SUMMARY

MONTH: February, 1996

Catawba Unit 1 began the month of February operating at 100% full power. The unit operated at or near 100% full power until 02/13/96 at 2045, when the unit began decreasing power and held at 45% power on 02/14/96 from 0240 to 02/19/96 at 1514 for maintenance on main power transformers (Required per unit 2 loss of offsite power event). During power escalation, the unit held at 67% power from 1830 to 2210 due to nuclear instrumentation system/thermal power mismatch. The unit returned to 100% full power on 2/20/96 at 1150 and operated at or near 100% power the remainder of the 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: June 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: March 15, 1996

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

# OPERATING DATA REPORT

## OPERATING STATUS

1. Unit Name: Catawba 2
2. Reporting Period: February 1, 1996-February 29, 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: \_\_\_\_\_

DOCKET NO 50-414  
 DATE March 15, 1996  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

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	696.0	1440.0	83569.0
12. Number Of Hours Reactor Was Critical	453.3	1197.3	65363.5
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	415.1	1159.1	64296.7
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1387556	3916194	207332732
17. Gross Electrical Energy Generated (MWH)	492873	1402297	73506664
18. Net Electrical Energy Generated (MWH)	462214	1327684	69239941
19. Unit Service Factor	59.6	80.5	76.9
20. Unit Availability Factor	59.6	80.5	76.9
21. Unit Capacity Factor (Using MDC Net)	58.8	81.7	73.2
22. Unit Capacity Factor (Using DER Net)	58.0	80.5	72.4
23. Unit Forced Outage Rate	40.4	19.5	9.1

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 March 15, 1996  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH February, 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1166</u>
2	<u>1163</u>
3	<u>1165</u>
4	<u>1166</u>
5	<u>1166</u>
6	<u>608</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>365</u>
19	<u>1129</u>
20	<u>1146</u>
21	<u>1153</u>
22	<u>1151</u>
23	<u>1151</u>
24	<u>1158</u>
25	<u>1163</u>
26	<u>1160</u>
27	<u>1159</u>
28	<u>1160</u>
29	<u>1167</u>

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February 1996DOCKET NO. 50-414UNIT NAME CATAWBA 2DATE 03/15/96COMPLETED 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
1	96- 2- 6	F	280.95	A	3		EA	XXXXXX	REACTOR TRIP DUE TO LOSS OF OFFSITE POWER
1-P	96- 2-18	S	--	B	--		HA	VALVEX	MAIN TURBINE CONTROL VALVE MOVEMENT TESTING
2-P	96- 2-18	F	--	B	--		IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION

(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: 03/15/96

#### NARRATIVE SUMMARY

MONTH: February, 1996

Catawba Unit 2 began the month of February operating at 100% full power. The unit operated at or near 100% full power until 02/06/96 at 1230, when the unit tripped due to loss of offsite power. The unit was placed on-line 02/18/96 at 0528. During power escalation, the unit held at 64% power from 1700 to 1808 due to main turbine control valve movement testing. The unit held at 69% power from 1843 to 2253 due to nuclear instrumentation calibration. The unit returned to 100% full power on 02/23/96 at 1630 and operated at or near 100% 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: 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: March 15, 1996

Name of Contact: R. A. Williams

Phone: (704) - 382-5346