

# OPERATING DATA REPORT

## OPERATING STATUS

DOCKET NO 50-413  
 DATE February 15, 1993  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

1. Unit Name: Catawba 1
2. Reporting Period: January 1, 1993-January 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, 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	66577.0
12. Number Of Hours Reactor Was Critical	744.0	744.0	49530.6
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	744.0	48478.8
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2501494	2501494	157038302
17. Gross Electrical Energy Generated (MWH)	901925	901925	55227144
18. Net Electrical Energy Generated (MWH)	856880	856880	51822121
19. Unit Service Factor	100.0	100.0	72.8
20. Unit Availability Factor	100.0	100.0	72.8
21. Unit Capacity Factor (Using MDC Net)	102.0	102.0	68.6
22. Unit Capacity Factor (Using DER Net)	100.6	100.6	68.0
23. Unit Forced Outage Rate	0.0	0.0	10.9
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):

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

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

# OPERATING DATA REPORT

DOCKET NO 50-413  
 UNIT Catawba 1  
 DATE February 15, 1993  
 COMPLETED BY B.A. Williams  
 TELEPHONE 704-282-5346

MONTH January, 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>1151</u>	17	<u>1154</u>
2	<u>1137</u>	18	<u>1154</u>
3	<u>1150</u>	19	<u>1155</u>
4	<u>1149</u>	20	<u>1155</u>
5	<u>1145</u>	21	<u>1155</u>
6	<u>1151</u>	22	<u>1153</u>
7	<u>1151</u>	23	<u>1154</u>
8	<u>1151</u>	24	<u>1152</u>
9	<u>1154</u>	25	<u>1154</u>
10	<u>1156</u>	26	<u>1154</u>
11	<u>1155</u>	27	<u>1153</u>
12	<u>1154</u>	28	<u>1153</u>
13	<u>1153</u>	29	<u>1130</u>
14	<u>1155</u>	30	<u>1152</u>
15	<u>1155</u>	31	<u>1149</u>
16	<u>1154</u>		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January 1993

DOCKET NO. 50-413  
 UNIT NAME CATAWBA 1  
 DATE 02/15/93  
 COMPLETED BY N. C. SIMMONS  
 TELEPHONE (704)-382-5263

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

UNIT: Catawba 1

Date: 02/15/93

#### NARRATIVE SUMMARY

MONTH: January 1992

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.

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: February 15, 1993

Name of Contact: N. C. Simmons

Phone: 704-382-5263

# OPERATING DATA REPORT

## OPERATING STATUS

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

1. Unit Name: Catawba 2
2. Reporting Period: January 1, 1993-January 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, 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	56593.0
12. Number Of Hours Reactor Was Critical	696.1	696.1	43342.5
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	695.4	695.4	42541.0
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2339829	2339829	135030975
17. Gross Electrical Energy Generated (MWH)	836070	836070	47797045
18. Net Electrical Energy Generated (MWH)	792557	792557	44919883
19. Unit Service Factor	93.5	93.5	75.2
20. Unit Availability Factor	93.5	93.5	75.2
21. Unit Capacity Factor (Using MDC Net)	94.3	94.3	70.1
22. Unit Capacity Factor (Using DER Net)	93.0	93.0	69.3
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 7, 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 Catawba 2  
 DATE February 15, 1993  
 COMPLETED BY R.A. Williams  
 TELEPHONE 704-382-5346

MONTH January, 1993

<u>DAY</u>	AVERAGE DAILY POWER LEVEL (MWe-Net)	<u>DAY</u>	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1152</u>	17	<u>1151</u>
2	<u>1157</u>	18	<u>1151</u>
3	<u>1137</u>	19	<u>1153</u>
4	<u>1149</u>	20	<u>1153</u>
5	<u>1144</u>	21	<u>1152</u>
6	<u>1153</u>	22	<u>1149</u>
7	<u>1152</u>	23	<u>1151</u>
8	<u>1152</u>	24	<u>1148</u>
9	<u>1153</u>	25	<u>1152</u>
10	<u>1155</u>	26	<u>1152</u>
11	<u>1153</u>	27	<u>1154</u>
12	<u>1153</u>	28	<u>1136</u>
13	<u>1148</u>	29	<u>887</u>
14	<u>1153</u>	30	<u>0</u>
15	<u>1152</u>	31	<u>0</u>
16	<u>1152</u>		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January 1993

DOCKET NO. 50-414  
 UNIT NAME CATAWBA 2  
 DATE 02/15/93  
 COMPLETER 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	L I C E N S E E V E N T R E P O R T N O.	(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	C A U S E A N D C O R R E C T I V E A C T I O N T O P R E V E N T R E C U R R E N C E
1	93- 1-29	S	48.60	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



DOCKET: 50-414

UNIT: Catawba 2

Date: 02/15/93

#### NARRATIVE SUMMARY

MONTH: January 1992

Catawba Unit 2 began the month of January operating at 100% full power. The unit operated at or near 100% full power until 1/29 at 1400 when the unit started a power decrease to take the unit off-line. The unit was taken off-line at 2324 for end-of-cycle 5 refueling outage. The unit was in the refueling outage for the remainder of the month.

Prepared by N. C. Simmons  
Telephone: 704-382-5263

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: 280
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: February 15, 1993

Name of Contact: N. C. Simmons

Phone: 704-382-5263