

OPERATING DATA REPORT

OPERATING STATUS

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

1. Unit Name: Catawba 1
2. Reporting Period: November 1, 1993-November 30, 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	720.0	8016.0	73849.0
12. Number Of Hours Reactor Was Critical	0.0	6944.5	55731.1
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	0.0	6909.3	54644.1
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	0	22696626	177233434
17. Gross Electrical Energy Generated (MWH)	0	8037948	62363167
18. Net Electrical Energy Generated (MWH)	-5138	7591992	58557233
19. Unit Service Factor	0.0	86.2	74.0
20. Unit Availability Factor	0.0	86.2	74.0
21. Unit Capacity Factor (Using MDC Net)	0.0	83.9	69.9
22. Unit Capacity Factor (Using DER Net)	0.0	82.7	69.3
23. Unit Forced Outage Rate	0.0	4.6	10.3
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: January 2, 1994

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

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast Achieved

OPERATING DATA REPORT

DOCKET NO 50-413
 UNIT Catawba 1
 DATE December 15, 1993
 COMPLETED BY R.A. Williams
 TELEPHONE 704-382-5346

MONTH November, 1993

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>	17	<u>0</u>
2	<u>0</u>	18	<u>0</u>
3	<u>0</u>	19	<u>0</u>
4	<u>0</u>	20	<u>0</u>
5	<u>0</u>	21	<u>0</u>
6	<u>0</u>	22	<u>0</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>0</u>
9	<u>0</u>	25	<u>0</u>
10	<u>0</u>	26	<u>0</u>
11	<u>0</u>	27	<u>0</u>
12	<u>0</u>	28	<u>0</u>
13	<u>0</u>	29	<u>0</u>
14	<u>0</u>	30	<u>0</u>
15	<u>0</u>		
16	<u>0</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1993

DOCKET NO. 50-413
 UNIT NAME CATAWBA 1
 DATE 12/15/93
 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
4	93-11- 1	S	720.00	C	--		RC	FUELXX	END OF CYCLE 7 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: 50-413

UNIT: Catawba 1

Date: 12/15/93

NARRATIVE SUMMARY

MONTH: November 1993

Catawba Unit 1 began the month of November with end-of-cycle 7 refueling outage in progress. The unit remained in the outage for the entire month.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Catawba, Unit 1
2. Scheduled next refueling shutdown: Currently Refueling
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: 484
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: December 15, 1993

Name of Contact: R. A. Williams

Phone: 704-382-5346

OPERATING DATA REPORT

OPERATING STATUS

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

1. Unit Name: Catawba 2
2. Reporting Period: November 1, 1993-November 30, 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	720.0	8016.0	63865.0
12. Number Of Hours Reactor Was Critical	720.0	6550.5	49196.9
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	720.0	6489.9	48335.5
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2446880	21673730	154364876
17. Gross Electrical Energy Generated (MWH)	877938	7710042	54671017
18. Net Electrical Energy Generated (MWH)	833076	7302269	51429595
19. Unit Service Factor	100.0	81.0	75.7
20. Unit Availability Factor	100.0	81.0	75.7
21. Unit Capacity Factor (Using MDC Net)	102.5	80.7	71.1
22. Unit Capacity Factor (Using DER Net)	101.1	79.6	70.3
23. Unit Forced Outage Rate	0.0	0.7	9.8
24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling - April 29, 1994 - 68 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 December 15, 1993
COMPLETED BY R.A. Williams
TELEPHONE 704-382-5346

MONTH November, 1993

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1160</u>	17	<u>1147</u>
2	<u>1158</u>	18	<u>1158</u>
3	<u>1157</u>	19	<u>1158</u>
4	<u>1155</u>	20	<u>1161</u>
5	<u>1149</u>	21	<u>1163</u>
6	<u>1152</u>	22	<u>1160</u>
7	<u>1159</u>	23	<u>1160</u>
8	<u>1159</u>	24	<u>1160</u>
9	<u>1159</u>	25	<u>1160</u>
10	<u>1159</u>	26	<u>1161</u>
11	<u>1157</u>	27	<u>1159</u>
12	<u>1158</u>	28	<u>1161</u>
13	<u>1154</u>	29	<u>1163</u>
14	<u>1149</u>	30	<u>1161</u>
15	<u>1146</u>		
16	<u>1148</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1993DOCKET NO. 50-414UNIT NAME CATAWBA 2DATE 12/15/93COMPLETED 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
		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: 50-414

UNIT: Catawba 2

Date: 12/15/93

NARRATIVE SUMMARY

MONTH: November 1993

Catawba Unit 2 began the month of November operating at 100% full power. The unit operated at or near 100% full power the entire month.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Catawba, Unit 2
2. Scheduled next refueling shutdown: April 1994
3. Scheduled restart following refueling: July 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: 356
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: December 15, 1993

Name of Contact: R. A. Williams

Phone: 704-382-5346