

OPERATING DATA REPORT

OPERATING STATUS

DOCKET NO 50-413

DATE December 15, 1997

COMPLETED BY E.A. Williams

TELEPHONE 704-382-5346

1. Unit Name: Catawba 1
2. Reporting Period: November 1, 1997-November 30, 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, NURRG-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	108913.0
12. Number Of Hours Reactor Was Critical	670.6	7966.6	86200.4
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	670.2	7966.2	84864.0
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2248932	27130106	277833567
17. Gross Electrical Energy Generated (MWH)	806852	9686978	98306384
18. Net Electrical Energy Generated (MWH)	762917	9192545	92547911
19. Unit Service Factor	93.1	99.4	77.9
20. Unit Availability Factor	93.1	99.4	77.9
21. Unit Capacity Factor (Using MDC Net)	93.8	101.6	75.1
22. Unit Capacity Factor (Using DER Net)	92.5	100.2	74.2
23. Unit Forced Outage Rate	0.0	0.0	7.2
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: December 28, 1997

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

Forecast Achieved

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

9712180433 971215
PDR ADOCK 05000413
R PDR

OPERATING DATA REPORT

DOCKET NO 50-412
UNIT Catawba 1
DATE December 15, 1997
COMPLETED BY E.A. Williams
TELEPHONE 704-382-5346

MONTH November, 1997

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>1157</u>
2	<u>1160</u>
3	<u>1162</u>
4	<u>1164</u>
5	<u>1164</u>
6	<u>1158</u>
7	<u>1161</u>
8	<u>1163</u>
9	<u>1162</u>
10	<u>1164</u>
11	<u>1162</u>
12	<u>1163</u>
13	<u>1163</u>
14	<u>1163</u>
15	<u>1164</u>
16	<u>1166</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>1167</u>
18	<u>1166</u>
19	<u>1165</u>
20	<u>1166</u>
21	<u>1159</u>
22	<u>1143</u>
23	<u>1137</u>
24	<u>1131</u>
25	<u>1099</u>
26	<u>1079</u>
27	<u>1077</u>
28	<u>779</u>
29	<u>0</u>
30	<u>0</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1997DOCKET NO. 50-413UNIT NAME CATAWBA 1DATE 12/11/97COMPLETED 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	97-11-28	S	49.82	C	1		RC	FUELXX	END-OF-CYCLE 10 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: 12/15/97

NARRATIVE SUMMARY

MONTH: November, 1997

Catawba Unit 1 began the month of November operating at 100% full power. The unit operated at or near 100% full power until 11/21/97 at 1233, when the unit began core coastdown to begin end-of-cycle 10 refueling outage. The unit was taken off-line on 11/28/97 at 2211 for end-of-cycle 10 refueling outage. The unit was in the refueling outage the remainder of the month.

Prepared by: R. A. Williams
Telephone: (704) - 382-5346

1. Facility name: Catawba Unit 1
2. Scheduled next refueling shutdown: Currently Refueling
3. Scheduled restart following refueling: December 1997

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?

If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions?

- DUKE POWER COMPANY

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

OPERATING DATA REPORT

DOCKET NO 50-414
 DATE December 15, 1997
 COMPLETED BY R.A. Williams
 TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Catawba 2
2. Reporting Period: November 1, 1997-November 30, 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	720.0	8016.0	98929.0
12. Number Of Hours Reactor Was Critical	720.0	6933.9	79303.0
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	720.0	6881.9	78128.1
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2398524	22763251	253475327
17. Gross Electrical Energy Generated (MWH)	866223	8146405	89995038
18. Net Electrical Energy Generated (MWH)	823755	7713614	84859506
19. Unit Service Factor	100.0	85.8	79.0
20. Unit Availability Factor	100.0	85.8	79.0
21. Unit Capacity Factor (Using MDC Net)	101.3	85.2	75.8
22. Unit Capacity Factor (Using DER Net)	99.9	84.0	74.9
23. Unit Forced Outage Rate	0.0	1.6	8.2
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

Forecast	Achieved
_____	_____
_____	_____
_____	_____

OPERATING DATA REPORT

DOCKET NO 50-414
 UNIT Catawba 2
 DATE December 15, 1997
 COMPLETED BY R.A. Williams
 TELEPHONE 704-382-5346

MONTH November, 1997

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1167</u>	17	<u>1175</u>
2	<u>1169</u>	18	<u>1175</u>
3	<u>1172</u>	19	<u>1174</u>
4	<u>1173</u>	20	<u>1172</u>
5	<u>1173</u>	21	<u>1166</u>
6	<u>1173</u>	22	<u>671</u>
7	<u>1172</u>	23	<u>888</u>
8	<u>1173</u>	24	<u>1122</u>
9	<u>1173</u>	25	<u>1172</u>
10	<u>1173</u>	26	<u>1171</u>
11	<u>1174</u>	27	<u>1172</u>
12	<u>1173</u>	28	<u>1169</u>
13	<u>1174</u>	29	<u>1167</u>
14	<u>1173</u>	30	<u>1165</u>
15	<u>1173</u>		
16	<u>1176</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1997

DOCKET NO. 50-414
 UNIT NAME CATAWBA 2
 DATE 12/15/97
 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
17-P	97-11-22	F	--	A	--		HA	VALVEX	REPLACEMENT OF MAIN TURBINE CONTROL VALVE #1 CONTROL CIRCUIT CARD
18-P	97-11-23	F	--	A	--		HA	CKTBKR	REPAIR POWER CIRCUIT BREAKER "2B" COMPRESSOR SKID TANK LEAK

(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: 12/15/97

NARRATIVE SUMMARY

MONTH: November, 1997

Catawba Unit 2 began the month of November operating at 100% full power. The unit began decreasing power on 11/21/97 at approximately 2227 and held at 49% power from 0422 to 1524 due to replacement of main turbine control valve #1 control circuit card and maintenance on power circuit breaker "2B" gas system. During power escalation, the unit reached 98% full power and held from 11/23/97 at 0645 to 1126 to investigate "2B" power circuit breaker (breaker trouble annunciator alarm). The unit began decreasing power and held from 11/23/97 at 1316 to 1740 to repair power circuit breaker "2B" compressor skid tank leak. The unit returned to 100% full power on 11/24/97 at 2130, 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: September 1998
3. Scheduled restart following refueling: October 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: 600
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:
May 2012

DUKE POWER COMPANY

DATE: December 15, 1997

Name of Contact: R. A. Williams

Phone: (704) - 382-5346