

OPERATING DATA REPORT

DOCKET NO 50-413
 DATE March 13, 1998
 COMPLETED BY R.A. Williams
 TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Catawba 1
2. Reporting Period: February 1, 1998-February 28, 1998
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	672.0	1416.0	111073.0
12. Number Of Hours Reactor Was Critical	672.0	1299.5	87500.0
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	672.0	1247.6	86111.6
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2254618	3965182	281798749
17. Gross Electrical Energy Generated (MWH)	812291	1419500	99725884
18. Net Electrical Energy Generated (MWH)	770607	1335901	93874614
19. Unit Service Factor	100.0	88.1	77.5
20. Unit Availability Factor	100.0	88.1	77.5
21. Unit Capacity Factor (Using MDC Net)	101.6	83.6	74.7
22. Unit Capacity Factor (Using DER Net)	109.2	82.4	73.8
23. Unit Forced Outage Rate	0.0	4.0	7.2
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):

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

OPERATING DATA REPORT

DOCKET NO 50-413
 UNIT Catawba 1
 DATE March 13, 1998
 COMPLETED BY R.A. Williams
 TELEPHONE 704-382-5346

MONTH February, 1998

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>1172</u>	17	<u>1162</u>
2	<u>1170</u>	18	<u>1166</u>
3	<u>1167</u>	19	<u>1167</u>
4	<u>1166</u>	20	<u>693</u>
5	<u>1169</u>	21	<u>1098</u>
6	<u>1170</u>	22	<u>1165</u>
7	<u>1169</u>	23	<u>1155</u>
8	<u>1167</u>	24	<u>1167</u>
9	<u>1164</u>	25	<u>1168</u>
10	<u>1170</u>	26	<u>1168</u>
11	<u>1165</u>	27	<u>1163</u>
12	<u>1166</u>	28	<u>1164</u>
13	<u>1168</u>		
14	<u>1168</u>		
15	<u>1168</u>		
16	<u>1155</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-413
 UNIT NAME CATAWBA I
 DATE 03/13/98
 COMPLETED BY R. A. Williams
 TELEPHONE (704) - 382-5346

RE/ MONTH February 1998

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
12-P	98- 2-20	F	--	A	--		CA	VALVEX	REACTOR VESSEL FLANGE O-RING LEAK-OFF VALVE ALIGNMENT
13-P	98- 2-20	F	--	B	--		CB	INSTRU	REACTOR COOLANT SYSTEM LEAKAGE CALCULATION

(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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Catawba Unit 1
2. Scheduled next refueling shutdown: April 1999
3. Scheduled restart following refueling: May 1999

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 now operating procedures).
7. Number of Fuel assemblies (a) in the core: 193
(b) in the spent fuel pool: 704
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:
November 2009

DUKE POWER COMPANY

DATE: March 13, 1998

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

DOCKET: 50 -413

UNIT: Catawba 1

Date: 03/13/98

NARRATIVE SUMMARY

MONTH: February, 1998

Catawba Unit 1 began the month of February operating at 100% full power. On 02/20/98 at 0800 the unit began decreasing power and held at 16% power from 1515 to 1645 due to reactor vessel flange o-ring leak-off valve alignment. The unit increased power and held at 20% power from 1725 to 1830 due to reactor coolant system leakage calibration. The unit returned to 100% power on 02/21/98 at 1351 and operated at or near 100% full power the remainder of the month.

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

OPERATING DATA REPORT

DOCKET N. 50-414

DATE March 13, 1998

COMPLETED BY R.A. Williams

TELEPHONE 704-382-5346

OPERATING STATUS

1. Unit Name: Catawba 2
2. Reporting Period: February 1, 1998-February 28, 1998
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	672.0	1416.0	101089.0
12. Number Of Hours Reactor Was Critical	672.0	1416.0	81453.0
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	672.0	1416.0	80288.1
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2284906	4820153	260829383
17. Gross Electrical Energy Generated (MWH)	825672	1740579	92651632
18. Net Electrical Energy Generated (MWH)	785868	1656063	87385385
19. Unit Service Factor	100.0	100.0	79.4
20. Unit Availability Factor	100.0	100.0	79.4
21. Unit Capacity Factor (Using MDC Net)	103.6	103.6	76.4
22. Unit Capacity Factor (Using DER Net)	102.1	102.1	75.5
23. Unit Forced Outage Rate	0.0	0.0	8.0

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 13, 1998
 COMPLETED BY R.A. Williams
 TELEPHONE 704-382-5346

MONTH February, 1998

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1	<u>1174</u>	17	<u>1163</u>
2	<u>1172</u>	18	<u>1170</u>
3	<u>1170</u>	19	<u>1172</u>
4	<u>1171</u>	20	<u>1173</u>
5	<u>1172</u>	21	<u>1174</u>
6	<u>1173</u>	22	<u>1174</u>
7	<u>1174</u>	23	<u>1172</u>
8	<u>1174</u>	24	<u>1172</u>
9	<u>1173</u>	25	<u>1172</u>
10	<u>1174</u>	26	<u>1171</u>
11	<u>1171</u>	27	<u>1166</u>
12	<u>1170</u>	28	<u>1167</u>
13	<u>1172</u>		
14	<u>1173</u>		
15	<u>1169</u>		
16	<u>1117</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-414

UNIT NAME CATAWBA 2

DATE 03/13/98

COMPLETED BY R. A. Williams

TELEPHONE (704) - 382-5346

REPORT MONTH February 1998

NO.	DATE	(1) TYPE	(2) REASON	(3) METHOD OF SHUT DOWN	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 Scram
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

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Catawba Unit 2
2. Scheduled next refueling shutdown: October 1998
3. Scheduled restart following refueling: November 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: 14.4
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: March 13, 1998

Name of Contact: R. A. Williams

Phone: (704) - 382-5346

DOCKET: 50- 414

UNIT: Catawba 2

Date: 03/13/98

NARRATIVE SUMMARY

MONTH: February, 1998

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

Prepared by: R. A. Williams
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