

OPERATING DATA REPORT

DOCKET NO 50-413

DATE April 13, 1990

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: Catawba 1
2. Reporting Period: March 1, 1990-March 31, 1990
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	2160.0	41689.0
12. Number Of Hours Reactor Was Critical	0.0	628.6	30297.4
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	0.0	628.2	29514.2
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	0	2115315	94648420
17. Gross Electrical Energy Generated (MWH)	0	743720	33196541
18. Net Electrical Energy Generated (MWH)	-9352	686597	31082975
19. Unit Service Factor	0.0	29.1	70.8
20. Unit Availability Factor	0.0	29.1	70.8
21. Unit Capacity Factor (Using MDC Net)	0.0	28.2	65.6
22. Unit Capacity Factor (Using DER Net)	0.0	27.8	65.1
23. Unit Forced Outage Rate	0.0	0.0	13.2

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: April 14, 1990

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

Forecast Achieved

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

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FOR ADIOCK 05000413
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OPERATING DATA REPORT

DOCKET NO 50-413
 UNIT Catawba 1
 DATE April 13, 1990
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5987

MONTH March, 1990

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</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>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1990

DOCKET NO. 50-413
 UNIT NAME CATAWBA 1
 DATE 04/13/90
 COMPLETED BY S. W. MOSER
 TELEPHONE (704)-373-5762

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	90- 3- 1	S	744.00	C	1		RC	FUELXX	END-OF-CYCLE '4' 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 NO: 50-413

UNIT: Catawba 1

DATE: 04/13/90

NARRATIVE SUMMARY

MONTH: March 1990

Catawba Unit 1 began the month of March shut down for its End-Of-Cycle '4' refueling outage. The unit remained in the outage for the entire month.

Prepared by: S. W. Moser
Telephone: 704-373-5762

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Catawba, Unit 1
2. Scheduled next refueling shutdown: Currently refueling
3. Scheduled restart following refueling: April 1990
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? No

If yes, what will these be? _____

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

5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A
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: 264
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: February, 2008

DUKE POWER COMPANY

DATE: April 13, 1990

Name of Contact: J. A. Reavis

Phone: 704-373-7567

OPERATING DATA REPORT

DOCKET NO 50-414

DATE April 13, 1990

COMPLETED BY R.A. Williams

TELEPHONE 704-373-5987

OPERATING STATUS

1. Unit Name: Catawba 2
2. Reporting Period: March 1, 1990-March 31, 1990
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	2160.0	31705.0
12. Number Of Hours Reactor Was Critical	744.0	2118.7	23669.1
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	744.0	2101.8	23056.6
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	2417837	6743717	70856317
17. Gross Electrical Energy Generated (MWH)	866479	2414732	25030898
18. Net Electrical Energy Generated (MWH)	820490	2285682	23430698
19. Unit Service Factor	100.0	97.3	72.7
20. Unit Availability Factor	100.0	97.3	72.7
21. Unit Capacity Factor (Using MDC Net)	97.7	93.7	65.1
22. Unit Capacity Factor (Using DER Net)	96.3	92.4	64.5
23. Unit Forced Outage Rate	0.0	2.7	16.5

24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Refueling - June 8, 1990 - 9 weeks

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 April 13, 1990
 COMPLETED BY R.A. Williams
 TELEPHONE 704-373-5987

MONTH March, 1990

<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>1110</u>	17	<u>1095</u>
2	<u>1106</u>	18	<u>1105</u>
3	<u>1107</u>	19	<u>1103</u>
4	<u>1109</u>	20	<u>1104</u>
5	<u>1109</u>	21	<u>1105</u>
6	<u>1109</u>	22	<u>1103</u>
7	<u>1109</u>	23	<u>1103</u>
8	<u>1111</u>	24	<u>1102</u>
9	<u>1103</u>	25	<u>1102</u>
10	<u>1107</u>	26	<u>1105</u>
11	<u>1089</u>	27	<u>1105</u>
12	<u>1094</u>	28	<u>1106</u>
13	<u>1097</u>	29	<u>1104</u>
14	<u>1096</u>	30	<u>1105</u>
15	<u>1093</u>	31	<u>1103</u>
16	<u>1090</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1990

DOCKET NO. 50-414
 UNIT NAME CATAWBA 2
 DATE 04/13/90
 COMPLETED BY S. W. MOSER
 TELEPHONE (704)-273-5762

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		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 NO: 50-414

UNIT: Catawba 2

DATE: 04/13/90

NARRATIVE SUMMARY

MONTH: March 1990

Catawba Unit 2 began the month of March operating at 97% power due to main feedwater control valve position. The unit operated at or near 97% power for the entire month, and ended the month operating at 97% power.

Prepared by: S. W. Moser
Telephone: 704-373-5762

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Catawba, Unit 2
2. Scheduled next refueling shutdown: June 1990
3. Scheduled restart following refueling: August 1990
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? No
If yes, what will these be? _____
If no, has reload design and core configuration been reviewed by Safety Review Committee regarding unreviewed safety questions? N/A
5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A
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: 136
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: February, 2010

DUKE POWER COMPANY

Name of Contact: J. A. Reavis

DATE: April 13, 1990

Phone: 704-373-7567