

OPERATING DATA REPORT

DOCKET NO. 50-413
 DATE 8/15/85
 COMPLETED BY J. A. Reavis
 TELEPHONE 704/373-7567

OPERATING STATUS

1. Unit Name: Catawba 1
2. Reporting Period: July 1, 1985 - July 31, 1985
3. Licensed Thermal Power (MWt): 3411
4. Nameplate Rating (Gross MWe): 1205
5. Design Electrical Rating (Net MWe): 1145
6. Maximum Dependable Capacity (Gross MWe): _____
7. Maximum Dependable Capacity (Net MWe): 1145

Notes * Nameplate Rating
 (Gross MWe) calculated as
 1450.000 MVA x .90 power
 factor per Page iii,
 NUREG-0020.

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
None

9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744.0</u>	<u>792.0</u>	<u>792.0</u>
12. Number Of Hours Reactor Was Critical	<u>708.2</u>	<u>756.2</u>	<u>756.2</u>
13. Reactor Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
14. Hours Generator On-Line	<u>646.9</u>	<u>694.9</u>	<u>694.9</u>
15. Unit Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
16. Gross Thermal Energy Generated (MWH)	<u>2 050 633</u>	<u>2 213 082</u>	<u>2 213 082</u>
17. Gross Electrical Energy Generated (MWH)	<u>693 354</u>	<u>749 638</u>	<u>749 638</u>
18. Net Electrical Energy Generated (MWH)	<u>647 442</u>	<u>700 663</u>	<u>700 663</u>
19. Unit Service Factor	<u>86.9</u>	<u>87.7</u>	<u>87.7</u>
20. Unit Availability Factor	<u>86.9</u>	<u>87.7</u>	<u>87.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>76.0</u>	<u>77.3</u>	<u>77.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>76.0</u>	<u>77.3</u>	<u>77.3</u>
23. Unit Forced Outage Rate	<u>13.1</u>	<u>12.3</u>	<u>12.3</u>

24. Shutdowns 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: August 4, 1985

26. Units In Test Status (Prior to Commercial Operation):
- | | Forecast | Achieved |
|----------------------|----------|----------|
| INITIAL CRITICALITY | _____ | _____ |
| INITIAL ELECTRICITY | _____ | _____ |
| COMMERCIAL OPERATION | _____ | _____ |

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 PDR ADOCK 05000413
 R PDR

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-413
UNIT Catawba 1
DATE 08/15/85
COMPLETED BY J. A. Reavis
TELEPHONE 704/373-7567

MONTH July, 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1 109</u>	17	<u>1 104</u>
2	<u>1 109</u>	18	<u>1 104</u>
3	<u>1 109</u>	19	<u>1 090</u>
4	<u>1 026</u>	20	<u>999</u>
5	<u>1 009</u>	21	<u>994</u>
6	<u>880</u>	22	<u>979</u>
7	<u>1 082</u>	23	<u>1 039</u>
8	<u>1 097</u>	24	<u>1 071</u>
9	<u>1 095</u>	25	<u>1 069</u>
10	<u>701</u>	26	<u>1 068</u>
11	<u>- - -</u>	27	<u>1 066</u>
12	<u>449</u>	28	<u>12</u>
13	<u>1 096</u>	29	<u>35</u>
14	<u>1 099</u>	30	<u>386</u>
15	<u>1 104</u>	31	<u>- - -</u>
16	<u>1 103</u>		

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-413

UNIT NAME Catawba 1

DATE August 15, 1985

COMPLETED BY J. A. Reavis

TELEPHONE 704-373-7567

Page 1 of 2

REPORT MONTH July, 1985

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report #	Systems Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
1-p	85-07-04	F	--	A	-		HH	PUMPXX	Reduction to Secure Both 'C' Heater Drain Pumps for Steam Leak Repair
2-p	85-07-05	F	--	A	-		HH	PUMPXX	Reduction to Restore Both 'C' Heater Drain Pumps After Steam Leak Repair
3-p	85-07-06	F	--	A	-		CH	TURBIN	Condensate Feedwater Pump Turbine Vent Line Repair
4-p	85-07-06	F	--	F	-		RC	FUELXX	Quadrant Power Tilt Ratio out of Spec
1	85-07-10	F	37.27	G	3		IA	INSTRU	Channel of Nuclear Instrumentation Inadvertently Isolated During Test
5-p	85-07-19	S	--	F	-		CC	VALVEX	Turbine Stop Valve Testing
6-p	85-07-27	S	--	F	-		CC	VALVEX	Control Valve Movement Test
2	85-07-28	F	35.35	A	-		HC	HEATEX	Condenser Tube Leak Repairs

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-Operational 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)

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Exhibit I - Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-413
 UNIT NAME Catawba I
 DATE August 15, 1985
 COMPLETED BY J. A. Reavis
 TELEPHONE 704-373-7567

REPORT MONTH July, 1985

Page 2 of 2

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report #	Systems Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
7-p	85-07-30	F	--	F	-		HH	ZZZZZZ	Feedwater Chemistry out of Spec (Conductivity and Cation)
8-p	85-07-30	F	--	F	-		HH	ZZZZZZ	Feedwater Chemistry out of Spec (Conductivity and Cation)
3	85-07-30	F	24.53	A	1		CH	PUMPXX	Feedwater Pump Trip Due to High Pump Discharge Pressure

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-Operational 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: August 15, 1985

NARRATIVE SUMMARY

Month: July 1985

Catawba Unit 1 began the month at 100%. On July 4, the unit reduced to 85% power to repair a heater drain pump steam leak. The unit returned to 100% on July 6. On July 10 the unit tripped when a channel of nuclear instrumentation was inadvertently isolated during a test. The unit returned to service on July 12. On July 19, the unit reduced power to 89% for testing and returned to 100% on July 23. The unit operated at 100% until a Condenser tube leak forced it off-line on July 28. The unit returned to service on July 30, but was forced back off line by chemistry problems. The unit remained off line through July 31.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Catawba Unit 1.
2. Scheduled next refueling shutdown: August, 1986.
3. Scheduled restart following refueling: October, 1986.
4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? Yes.
If yes, what will these be? Technical Specification Revision

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: -.
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: 2008.

DUKE POWER COMPANY

Date: August 15, 1985.

Name of Contact: J. A. Reavis

Phone: 704-373-7567

CATAWBA NUCLEAR STATION

Monthly Operating Status Report

1. Personnel Exposure

For the month of June, no individual(s) exceeded their allowable annual radiation dose limit.

2. The total station liquid release for June has been compared with the Technical Specifications maximum annual dose commitment and was less than 10 percent of this limit.

The total station gaseous release for June has been compared with the Technical Specifications maximum annual dose commitment and was less than 10 percent of this limit.

DUKE POWER COMPANY

P.O. BOX 33189
CHARLOTTE, N.C. 28242

HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

August 15, 1985

TELEPHONE
(704) 373-4531

Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Document Control Desk

Re: Catawba Nuclear Station
Docket No. 50-413

Dear Sir:

Please find attached information concerning the performance and operating status of the Catawba Nuclear Station for the month of July, 1985.

Very truly yours,

Hal B. Tucker /rbs

Hal B. Tucker

JAR:slb

Attachment

cc: Dr. J. Nelson Grace, Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
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Atlanta, Georgia 30323

Mr. Phil Ross
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MNBB-5715
Washington, D. C. 20555

INPO Records Center
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1100 Circle 75 Parkway
Atlanta, Georgia 30339

American Nuclear Insurers
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