

OPERATING DATA REPORT

DOCKET NO. 50-413
 DATE 10/15/85
 COMPLETED BY J. A. Reavis
 TELEPHONE 704/373-7567

OPERATING STATUS

1. Unit Name: Catawba 1
2. Reporting Period: September 1, 1985-September 30, 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
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
None

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): None
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>720.0</u>	<u>2 256.0</u>	<u>2 256.0</u>
12. Number Of Hours Reactor Was Critical	<u>720.0</u>	<u>2 220.1</u>	<u>2 220.1</u>
13. Reactor Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
14. Hours Generator On-Line	<u>720.0</u>	<u>2 155.9</u>	<u>2 155.9</u>
15. Unit Reserve Shutdown Hours	<u>---</u>	<u>---</u>	<u>---</u>
16. Gross Thermal Energy Generated (MWH)	<u>2 429 044</u>	<u>7 022 230</u>	<u>7 022 230</u>
17. Gross Electrical Energy Generated (MWH)	<u>845 079</u>	<u>2 416 126</u>	<u>2 416 126</u>
18. Net Electrical Energy Generated (MWH)	<u>799 683</u>	<u>2 275 582</u>	<u>2 275 582</u>
19. Unit Service Factor	<u>100.0</u>	<u>95.6</u>	<u>95.6</u>
20. Unit Availability Factor	<u>100.0</u>	<u>95.6</u>	<u>95.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>97.0</u>	<u>88.1</u>	<u>88.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.0</u>	<u>88.1</u>	<u>88.1</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>4.4</u>	<u>4.4</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: _____

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)

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NC. 50-413
UNIT Catawba 1
DATE 10/15/85
COMPLETED BY J. A. Reavis
TELEPHONE 704/373-7567

MONTH September, 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1 060</u>	17	<u>1 128</u>
2	<u>1 061</u>	18	<u>1 128</u>
3	<u>1 056</u>	19	<u>1 128</u>
4	<u>1 085</u>	20	<u>1 121</u>
5	<u>1 079</u>	21	<u>1 123</u>
6	<u>1 082</u>	22	<u>1 121</u>
7	<u>1 099</u>	23	<u>1 121</u>
8	<u>1 111</u>	24	<u>1 119</u>
9	<u>1 107</u>	25	<u>1 124</u>
10	<u>1 109</u>	26	<u>1 117</u>
11	<u>1 118</u>	27	<u>1 120</u>
12	<u>1 123</u>	28	<u>1 131</u>
13	<u>1 121</u>	29	<u>1 120</u>
14	<u>1 129</u>	30	<u>1 121</u>
15	<u>1 127</u>	31	<u></u>
16	<u>1 124</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

REPORT MONTH September 1985DOCKET NO. 50-413UNIT NAME Catawba 1DATE 10/15/85COMPLETED BY J. A. ReavisTELEPHONE 704-373-7567

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
28-p	85-09-01	F	--	A	--		CB	HEATEX	Moisture Carryover out of Spec at 100% power (maintain 94%)
29-p	85-09-03	F	--	A	--		HH	PUMPXX	Secured Heater Drain Pump (1C2) for Inspection of Motor Thrust Bolts
30-p	85-09-03	F	--	A	--		CB	HEATEX	Moisture Carryover out of Spec. at 100% Power (Maintain 94%)
31-p	85-09-04	F	--	A	--		CH	VALVEX	Secured Heater Drain Pump (1C2) to Repair Discharge Control Valve
32-p	85-09-06	F	--	A	--		CH	VALVEX	Secured Heater Drain Pump (1C2) to Repair Flow Control Valve
33-p	85-09-06	F	--	A	--		CH	VALVEX	Secured Heater Drain Pump (1C2) Level Control not Responding
34-p	85-09-07	F	--	A	--		CH	VALVEX	Secured Heater Drain Pump (1C2) Level Control not Responding
35-p	85-09-13	S	--	B	--		CC	VALVEX	Control Valve Movement Test
36-p	85-09-20	S	--	B	--		CC	VALVEX	Control Valve Movement Test
37-p	85-09-27	S	--	B	--		CC	VALVEX	Control Valve Movement Test

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)

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Method:

1-Manual
 2-Manual Scram
 3-Automatic Scram
 4-Other (Explain)

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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

DOCKET NO. 50-413

UNIT: CATAWBA 1

DATE: 10/15/85

NARRATIVE SUMMARY

MONTH: September 1985

Catawba Unit 1 began the month at 94% due to excessive moisture carryover from the Steam Generators. The unit was allowed to increase power to 100% on 9/04 after testing during the month of August had shown that the moisture carryover would not cause excessive wear during the balance of this fuel cycle. Problems with a heater drain pump caused net generation to drop on 9/05. The pump was placed back in service on 9/06 which increased net generation to normal. The unit operated at 100% throughout the rest of September.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Catawba Unit 1
2. Scheduled next refueling shutdown: September, 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: August, 2008

DUKE POWER COMPANY

Date: October 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 August, no individual(s) exceeded 10 percent of their allowable annual radiation dose limit.

2. The total station liquid release for August 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 August 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

TELEPHONE
(704) 373-4531

October 15, 1985

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

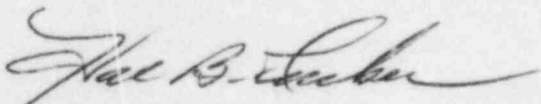
Attention: Document Control Desk

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 September, 1985.

Very truly yours,



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

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Charleston, South Carolina 29412

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MNBB-5715
Washington, D. C. 20555

Dr. K. Jabbour, Project Manager
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U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

American Nuclear Insurers
c/o Dottie Sherman, ANI Library
The Exchange, Suite 245
270 Farmington Avenue
Farmington, Connecticut 06032

Palmetto Alliance
2135½ Devine Street
Columbia, South Carolina 29205

INPO Records Center
Suite 1500
1100 Circle 75 Parkway
Atlanta, Georgia 30339

NRC Senior Resident Inspector
Catawba Nuclear Station

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