

OPERATING DATA REPORT

DOCKET NO. 50-413
 DATE 9-13-85
 COMPLETED BY J. A. Reavis
 TELEPHONE 704/373-7567

OPERATING STATUS

1. Unit Name: Catawba 1
2. Reporting Period: August 1, 1985-August 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
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	744.0	1 536.0	1 536.0
12. Number Of Hours Reactor Was Critical	744.0	1 500.1	1 500.1
13. Reactor Reserve Shutdown Hours	---	---	---
14. Hours Generator On-Line	741.1	1 435.9	1 435.9
15. Unit Reserve Shutdown Hours	---	---	---
16. Gross Thermal Energy Generated (MWH)	2 380 104	4 593 186	4 593 186
17. Gross Electrical Energy Generated (MWH)	821 409	1 571 047	1 571 047
18. Net Electrical Energy Generated (MWH)	775 236	1 475 899	1 475 899
19. Unit Service Factor	99.6	93.5	93.5
20. Unit Availability Factor	99.6	93.5	93.5
21. Unit Capacity Factor (Using MDC Net)	91.0	83.9	83.9
22. Unit Capacity Factor (Using DER Net)	91.0	83.9	83.9
23. Unit Forced Outage Rate	0.4	6.5	6.5
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>None</u>			

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	_____	_____

8509180428 850831
 PDR ADOCK 05000413
 R PDR

(9/77) IE24
 1/1

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-413
UNIT Catawba 1
DATE 09/13/85
COMPLETED BY J. A. Reavis
TELEPHONE 704-373-7567

MONTH August, 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	484	17	1 058
2	1 103	18	1 007
3	1 106	19	1 105
4	1 105	20	1 072
5	1 100	21	1 061
6	1 095	22	1 057
7	1 098	23	1 054
8	1 090	24	1 056
9	1 087	25	1 046
10	1 062	26	1 031
11	736	27	1 063
12	1 083	28	1 062
13	1 080	29	1 063
14	1 085	30	1 063
15	1 066	31	1 067
16	1 059		

INSTRUCTIONS

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-413

UNIT NAME Catawba 1

DATE 9/13/85

COMPLETED BY J. A. Reavis

TELEPHONE 704-373-7567

REPORT MONTH August 1985

Page 1

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
3	85-08-01	F	2.92	A	3		CH	PUMPXX	Feedwater Pump Trip due to High Pump Discharge Pressure
9-p	85-08-05	F	--	A	-		CC	HEATEX	Moisture Separator Reheater Drains Valve to Condenser were Inoperable
10-p	85-08-08	S	--	B	-		CC	VALVEX	Control Valve Movement Test
11-p	85-08-09	S	--	B	-		CB	HEATEX	Moisture Carry-over Test
12-p	85-08-11	F	--	B	-		HF	INSTRU	Stuck Pitot Tube used in Cooling Tower Performance Test (Isol. Cooling Tower to Repair Tube)
13-p	85-08-11	F	--	A	-		CB	HEATEX	Moisture Carry-over Test out of Spec at 100% power
14-p	85-08-13	F	--	A	-		CB	HEATEX	Moisture Carry-over Test out of Spec at 100% power (Maintain 95%)
15-p	85-08-14	S	--	B	-		CB	HEATEX	Moisture Carry-over Test
16-p	85-08-15	S	--	B	-		CB	HEATEX	Moisture Carry-over Test
17-p	85-08-15	F	--	A	-		CB	HEATEX	Moisture Carry-over out of Spec at 100% Power (Maintain 95%)

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-413

UNIT NAME Catawba 1

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REPORT MONTH August 1985

Page 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
18-p	85-08-15	S	--	B	--		CC	VALVEX	Control Valve Movement Test
19-p	85-08-15	F	--	A	--		CB	HEATEX	Moisture Carry-over out of Spec at 100% Power (Maintain 95%)
20-p	85-08-18	F	--	A	--		CB	HEATEX	Implement Modification to Lower S/G Levels due to Moisture Carry-over out of Spec at 100%.
21-p	85-08-20	F	--	A	--		CB	HEATEX	Moisture Carry-over out of Spec at 100%
22-p	85-08-21	F	--	A	--		CB	HEATEX	Removed Modification to Lower Steam Generator Levels
23-p	85-08-23	S	--	B	--		CC	VALVEX	Control Valve Movement Test
24-p	85-08-23	F	--	A	--		CB	HEATEX	Moisture Carry-over out of Spec at 100%
25-p	85-08-25	F	--	A	--		HH	PUMPXX	Secured C Heater Drain Pump (IC1) to Repair Pump Motor Bearing Support Bolts
26-p	85-08-26	F	--	A	--		CB	HEATEX	Moisture Carry-over out of Spec at 100% Power (Maintain 94%)

1

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S Scheduled

2

Reason:

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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-413

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REPORT MONTH August 1985

Page 3

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
27-p	85-08-30	S	--	B	--		CC	VALVEX	Control Valve Movement Test
28-p	85-08-31	F	--	A	--		CB	HEATEX	Moisture Carry-over out of Spec at 100% power (Maintain 94%)

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
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Exhibit I - Same Source

DOCKET NO: 50-413

UNIT: Catawba 1

DATE: 9/13/85

NARRATIVE SUMMARY

Month: August 1985

Catawba Unit 1 began the month off line completing an outage to repair Condenser tube leaks. On August 1st the operating Feedpump tripped during restart but the unit returned to service a few hours later. The unit was subjected to a number of Moisture Carryover tests to measure the amount of moisture being carried over to the turbine from the Steam Generators. Based upon the results of the tests the unit reduced power to 95% in order to stay within administrative limits. The unit operated at 95% starting August 12, and remained there for the balance of the month.

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: August 2008

DUKE POWER COMPANY

Date: September 13, 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 July, no individual(s) exceeded their allowable annual radiation dose limit.

2. The total station liquid release for July 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 July 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

September 13, 1985

TELEPHONE
(704) 373-4531

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

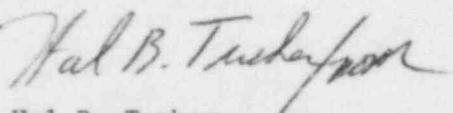
Attention: Document Control Desk

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 August, 1985.

Very truly yours,



Hal B. Tucker

JAR:slb

Attachment

cc: Dr. J. Nelson Grace, Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Mr. Phil Ross
U. S. Nuclear Regulatory Commission
MNBB-5715
Washington, D. C. 20555

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

NRC Resident Inspector
Catawba Nuclear Station

American Nuclear Insurers
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The Exchange, Suite 245
270 Farmington Avenue
Farmington, CT 06032

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