



**Duke Power**  
526 South Church Street  
P.O. Box 1006  
Charlotte, NC 28201-1006

August 14, 2000

U.S Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D.C. 20555

Subject: Duke Energy Corporation  
Catawba Nuclear Station, Units 1, and 2  
Docket Numbers 50-413 and 50-414  
Monthly Performance and Operation Status-July, 2000

Please find attached information concerning the performance and operation status of the Catawba Nuclear Station for the month of July, 2000.

Any questions or comments July be directed to Roger A. Williams at (704) 382-5346.

Sincerely,

Terry Dimmery, Manager  
Nuclear Business Support

Attachment  
XC:

L. A. Reyes, Regional Administrator  
USNRC, Region II

Chandu Patel, Project Manager  
USNRC, ONRR

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Ms. Margaret Aucoin  
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Darrell Roberts, Senior Resident Inspector

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Document Control Desk  
U.S. NRC - Catawba

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Gary Gilbert (CN01RC)  
K. E. Nicholson (CN01RC)  
RGC Site Licensing File  
ELL (EC050)

# Operating Data Report

Docket No.	50-413
Date	August 14, 2000
Completed By	Roger Williams
Telephone	704-382-5346

## Operating Status

1. Unit Name: Catawba 1
2. Reporting Period: July 1, 2000 - July 31, 2000
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 Occured in Capacity Ratings (Items Number 3-7) Since Last Report, Give Reasons:

**Notes: \*Nameplate Rating (GrossMWe) calculated as 1450.000 MVA \* .90 power factor per Page iii, NUREG-0020.**

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9. Power Level To Which Restricted, If Any (Net MWe): \_\_\_\_\_
  10. Reason for Restrictions, If any: \_\_\_\_\_
- 

	This Month	YTD	Cumulative
11. Hours in Reporting Period	744.0	5111.0	132288.0
12. Number of Hours Reactor was Critical	744.0	5090.3	107306.9
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	5075.3	105852.5
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	2529326	86725270	417759265
17. Gross Electrical Energy Generated (MWH)	897798	6151670	123462097
18. Net Electrical Energy Generated (MWH)	848695	5831204	116347312
19. Unit Service Factor	100.0	99.3	80.0
20. Unit Availability Factor	100.0	99.3	80.0
21. Unit Capacity Factor (Using MDC Net)	101.0	101.1	77.7
22. Unit Capacity Factor (Using DER Net)	99.6	99.6	76.8
23. Unit Forced Outage Rate	0.0	0.7	6.5
24. Shutdown Scheduled Over Next 6 Months (Type, Date and Duration of Each)			

25. If ShutDown 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	_____	_____

### UNIT SHUTDOWNS

**DOCKET NO.** 50-413

**UNIT NAME:** Catawba 1

**DATE:** August 14, 2000

**COMPLETED BY:** Roger Williams

**TELEPHONE:** 704-382-5346

**REPORT MONTH:** July, 2000

No.	Date:	Type F - Forced S - Scheduled	Duration Hours	(1) Reason	(2) Method of Shutdown R/X	Licensed Event Report No.	Cause and Corrective Action to Prevent Recurrence
			<b>No</b>	<b>Outages</b>	<b>for the Month</b>		

**Summary:**

**(1) Reason**

- |                                 |   |
|---------------------------------|---|
| A - Equipment failure (Explain) | E - Operator Training/License Examination |
| B - Maintenance or Test         | F - Administrative                        |
| C - Refueling                   | G - Operator Error (Explain)              |
| D - Regulatory restriction      | H - Other (Explain)                       |

**(2) Method**

- |                          |                       |
|--------------------------|-----------------------|
| 1 - Manual               | 2 - Manual Trip/Scram |
| 3 - Automatic Trip/Scram | 4 - Continuation      |
| 5 - Other (Explain)      |                       |

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Catawba Unit 1
2. Scheduled next refueling shutdown: October 2000
3. Scheduled restart following refueling: November 2000

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: 784
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: August 14, 2000

Name of Contact: R. A. Williams

Phone: (704) - 382-5346



### UNIT SHUTDOWNS

**DOCKET NO.** 50-414  
**UNIT NAME:** Catawba 2  
**DATE:** August 14, 2000  
**COMPLETED BY:** Roger Williams  
**TELEPHONE:** 704-382-5346

**REPORT MONTH:** July, 2000

No.	Date:	Type F - Forced S - Scheduled	Duration Hours	(1) Reason	(2) Method of Shutdown R/X	Licensed Event Report No.	Cause and Corrective Action to Prevent Recurrence
			<b>No</b>	<b>Outages</b>	<b>for the Month</b>		

**Summary:**

**(1) 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)

**(2) Method**

- 1 - Manual
- 2 - Manual Trip/Scram
- 3 - Automatic Trip/Scram
- 4 - Continuation
- 5 - Other (Explain)



CATAWBA NUCLEAR STATION

MONTHLY OPERATING STATUS REPORT

JUNE 2000

1. Personnel Exposure -

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.