OPERA.,NG DATA REPORT

DOCKET 50-413
DATE 1-15-88
COMPLETED BY J. A. Reavis
TELEPHONE 704/373-7567

OPERATING STATUS

1. C\.it Name: CATAWBA 1
2. Reporting Period: DECEMBER 1, 1987-DECEMBER 31, 1987
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):
7. Maximum Dependable Capacity (Net MWe): 1145
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	8,760.0	21,985.0
12. Number Of Hours Reactor Was Critical	63.0	6,076.3	15,113.7
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	6.9	5,928.4	14,599.1
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	11,499	19,482,642	46,054,864
17. Gross Electrical Energy Generated (MWH)	788	6,810,390	16,091,122
18. Net Electrical Energy Generated (MWH)	(21,038)	6,377,839	15,000,845
19. Unit Service Factor	0.9	67.7	66.4
20. Unit Availability Factor	0.9	67.7	66.4
21. Unit Capacity Factor (Using MDC Net)	0.0	63.6	59.6
22. Unit Capacity Factor (Using DER Net)	0.0	63.6	59.6
23. Unit Forced Outage Rate	98.7	15.9	18.3

24. Shutd.wns 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: December 31, 1987

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

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-413
UNIT Catawba 1
DATE January 15, 1988
COMPLETED J. A. Reavis
TELEPHONE 704-373-7567

MONTH DECEMBER, 1987

DAY	AVERAGE DAILY POWER LEVEL (MWE-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWE-Net)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	0
16	0		

UNIT SH# ,DOWNS AND POWER REDUCTIONS

DOCKET NO. 50-413
UNIT NAME CATAWBA 1
DATE 01/15/88
COMPLETED BY J. A. REAVIS
TELEPHONE (704)-373-7567

REPORT MONTH December 1987

NO.	DATE	(1) TYPE	DURATION HOURS	(2) REASON	(3) METHOD OF SHUTDOWN R/X	LICENSE EVENT REPORT NO.	(4) SYSTEM CODE	(5) COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
12	87-12- 1	S	36.00	C	1		RC	FUELXX	END OF CYCLE 2 REFUELING OUTAGE
13	87-12- 2	S	198.50	C	--		RC	FUELXX	REFUELING OUTAGE EXTENSION
14	87-12-10	F	501.87	A	--		RB	CRDRVE	OUTAGE EXTENSION DUE TO CONTROL ROD DRIVE MECHANISM VENT PLUG LEAKAGE
68-p	87-12-31	S	--	B	--		RC	ZZZZZZ	ZERO POWER PHYSICS TESTING
15	87-12-31	S	0.77	B	1		HA	TURBIN	TURBINE OVERSPEED TRIP 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-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 License Event Report (LER) File (NUREG-0161)

(5)
Exhibit I - Same Source

DOCKET NO: 50-413

UNIT: Catawba 1

DATE: 01/15/88

NARRATIVE SUMMARY

Month: December, 1987

Catawba Unit 1 began the month of December in its End of Cycle 2 Refueling Outage. The unit returned to service at 1622 on 12/31 and held power at 10% for Zero Power Physics Testing. The unit was removed from service at 2314 on 12/31 following a Turbine Overspeed Trip Test. The unit remained out of service at month's end.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Catawba, Unit 1

2. Scheduled next refueling shutdown: December, 1988

3. Scheduled restart following refueling: March, 1989

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: 132

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: September, 2011

DUKE POWER COMPANY DATE: January 15, 1988

Name of Contact: J. A. Reavis Phone: 704-373-7567

OPERATING DATA REPORT

DOCKET 50-414

DATE 1-15-88

COMPLETED BY J. A. Reavis

TELEPHONE 704/373-7567

OPERATING STATUS

1. Unit Name: CATAWBA 2
2. Reporting Period: DECEMBER 1, 1987-DECEMBER 31, 1987
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):
7. Maximum Dependable Capacity (Net MWe): 1145
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	8,760.0	12,001.0
12. Number Of Hours Reactor Was Critical	552.4	7,212.7	8,605.5
13. Reactor Reserve Shutdown Hours	--0--	--0--	--0--
14. Hours Generator On-Line	552.0	7,018.9	8,344.6
15. Unit Reserve Shutdown Hours	--0--	--0--	--0--
16. Gross Thermal Energy Generated (MWH)	1,860,262	21,682,879	25,727,493
17. Gross Electrical Energy Generated (MWH)	448,176	7,653,886	9,077,028
18. Net Electrical Energy Generated (MWH)	411,465	7,169,495	8,466,697
19. Unit Service Factor	74.2	80.1	69.5
20. Unit Availability Factor	74.2	80.1	69.5
21. Unit Capacity Factor (Using MDC Net)	48.3	71.5	61.6
22. Unit Capacity Factor (Using DER Net)	48.3	71.5	61.6
23. Unit Forced Outage Rate	0.0	17.4	28.9

24. Shutdowns 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: February 23, 1988

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

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO 50-414
UNIT Catawba 2
DATE January 15, 1988
COMPLETED J. A. Reavis
TELEPHONE 704-373-7567

MONTH DECEMBER, 1987

DAY	AVERAGE DAILY POWER LEVEL (MWE-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWE-Net)
1	843	17	731
2	845	18	731
3	844	19	720
4	845	20	705
5	848	21	712
6	849	22	714
7	833	23	578
8	716	24	0
9	712	25	0
10	716	26	0
11	724	27	0
12	724	28	0
13	726	29	0
14	725	30	0
15	722	31	0
16	728		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-414
UNIT NAME CATAWBA 2
DATE 01/15/88
COMPLETED BY J. A. REAVIS
TELEPHONE (704)-373-7567

REPORT MONTH December 19[illegible]

NO.	DATE	(1) TYPE	DURATION HOURS	(2) REASON	(3) METHOD OF SHUTDOWN R/X	LICENSE EVENT REPORT NO.	(4) SYSTEM CODE	COMPONENT CODE	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
116-p	87-12- 1	S	--	F	--		ZZ	XXXXXX	POWER REDUCTION FOR CORE COASTDOWN
117-p	87-12- 7	F	--	A	--		HH	PUMPXX	POWER REDUCTION DUE TO FEEDWATER PUMP '1A' INBOARD SEAL RUPTURE
118-p	87-12- 9	S	--	F	--		ZZ	XXXXXX	POWER REDUCTION FOR CORE COASTDOWN
19	87-12-24	S	192.00	C	1		RC	FUELXX	END OF CYCLE 1 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 License Event Report (LER) File (NUREG-0161)

(5)
Exhibit I - Same Source

DOCKET NO: 50-414

UNIT: Catawba 2

DATE: 01/15/88

NARRATIVE SUMMARY

Month: December, 1987

Catawba Unit 2 began the month of December operating at 75% power in a Core Coastdown towards its End of Cycle 1 Refueling Outage. On 12/07 at 2125, the unit was reduced to 65% power due to a seal rupture on the "1A" Feedwater Pump. The unit remained at 65% power until 12/23 at 1600 when it was removed from service to begin its End of Cycle 1 Refueling Outage. The unit finished the month in a refueling outage.

MONTHLY REFUELING INFORMATION REQUEST

1. Facility name: Catawba, Unit 2

2. Scheduled next refueling shutdown: Currently Refueling

3. Scheduled restart following refueling: February, 1988

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: -0-

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: January, 2013

DUKE POWER COMPANY DATE: January 15, 1988

Name of Contact: J. A. Reavis Phone: 704-373-7567

CATAWBA NUCLEAR STATION

MONTHLY OPERATING STATUS REPORT

1. Personnel Exposure

   For the month of November, no individuals exceeded 10 percent of their allowable annual radiation dose limit.

2. The total station liquid release for November 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 November 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

January 15, 1988

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

Re: Catawba Nuclear Station
Docket No. 50-413 and 50-414

Dear Sir:

Please find attached information concerning the performance and operating status of the Catawba Nuclear Station for the month of December, 1987.

Very truly yours,

Hal B. Tucker

JAR/1238/sbn

Attachment

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

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

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

Mr. P. K. Van Doorn
NRC Resident Inspector
Catawba Nuclear Station

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Germantown, Maryland 20874

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

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