



# Nebraska Public Power District

COOPER NUCLEAR STATION  
P.O. BOX 96, BROWNVILLE, NEBRASKA 68321  
TELEPHONE (402)825-3811  
FAX (402)825-5205

NLS970012

January 15, 1997

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

Subject: Monthly Operating Status Report for December 1996, Docket No. 50-298.

Gentlemen:

Enclosed for your information and use is the Cooper Nuclear Station Monthly Operating Status Report for December 1996. The report includes Operating Status, Average Daily Unit Power Level, Unit Shutdown Data and a Narrative Summary of Operating Experience for the month of December.

Should you have any comments, or require additional information regarding this report, please contact me.

Sincerely,

M. F. Peckham  
Plant Manager

MFP:lb

Enclosures

cc: ANI Library  
R. W. Beck and Associates  
T. H. Black  
T. L. Bundy  
L. J. Callan  
J. M. Cline  
A. L. Dostal  
R. L. Gumm  
G. R. Horn  
INPO Records Center  
E. A. Lanning  
J. L. Long  
W. R. Mayben  
J. R. McPhail  
P. D. Graham  
NRC Senior Resident Inspector  
W. Turnbull  
F. E. Yost

JE24/1

9701230232 961231  
PDR ADOCK 05000298  
R PDR

# **OPERATING DATA REPORT**

DOCKET NO. 050-0298  
UNIT CNS  
DATE 1/15/97  
TELEPHONE (402) 825-5295

## **OPERATING STATUS**

1. Unit Name: Cooper Nuclear Station
2. Reporting Period: December 1996
3. Licensed Thermal Power (MWt): 2381
4. Nameplate Rating (Gross MWe): 836
5. Design Electrical Rating (Net MWe): 778
6. Maximum Dependable Capacity (Gross MWe): 787
7. Maximum Dependable Capacity (Net MWe): 764
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restriction, If Any:

	This Month	Yr -to-Date	Cumulative
11. Hours in Reporting Period	744.0	8,784.0	197,281.0
12. Number of Hours Reactor Was Critical	744.0	8,603.3	147,644.7
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	8,540.2	145,484.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,766,448.0	19,787,455.0	304,113,883.0
17. Gross Electric Energy Generated (MWH)	579,290.0	6,500,518.0	98,880,828.0
18. Net Electric Energy Generated (MWH)	566,552.0	6,338,898.0	95,565,027.0
19. Unit Service Factor	100.0	97.2	73.7
20. Unit Availability Factor	100.0	97.2	73.7
21. Unit Capacity Factor (Using MDC Net)	99.7	94.5	63.4
22. Unit Capacity Factor (Using DER Net)	97.9	92.8	62.3
23. Unit Forced Outage Rate	0.0	0.0	8.0

24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Refueling Outage, March 28, 1997, 40 days.

25. If Shut Down At End of Report Period, Estimated Date of Startup: N/A

Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-0298  
UNIT CNS  
DATE 1/15/97  
TELEPHONE (402) 825-5295

MONTH December 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
<u>1</u>	<u>736</u>	<u>17</u>	<u>762</u>
<u>2</u>	<u>764</u>	<u>18</u>	<u>760</u>
<u>3</u>	<u>763</u>	<u>19</u>	<u>761</u>
<u>4</u>	<u>764</u>	<u>20</u>	<u>761</u>
<u>5</u>	<u>765</u>	<u>21</u>	<u>762</u>
<u>6</u>	<u>764</u>	<u>22</u>	<u>762</u>
<u>7</u>	<u>765</u>	<u>23</u>	<u>760</u>
<u>8</u>	<u>765</u>	<u>24</u>	<u>754</u>
<u>9</u>	<u>764</u>	<u>25</u>	<u>761</u>
<u>10</u>	<u>764</u>	<u>26</u>	<u>762</u>
<u>11</u>	<u>764</u>	<u>27</u>	<u>762</u>
<u>12</u>	<u>764</u>	<u>28</u>	<u>762</u>
<u>13</u>	<u>763</u>	<u>29</u>	<u>761</u>
<u>14</u>	<u>763</u>	<u>30</u>	<u>762</u>
<u>15</u>	<u>762</u>	<u>31</u>	<u>761</u>
<u>16</u>	<u>763</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

December 1996

DOCKET NO.

050-0298

UNIT NAME

Cooper Nuclear Station

DATE

1/15/97

COMPLETED BY

P. L. Ballinger

TELEPHONE

(402) 825-5295

No.	Date	Type 1	Duration (Hours)	Reason 2	Method Of Shutting Down Reactor 3	Licensee Event Report	System Code 4	Component Code 5	Cause & Corrective Action to Prevent Recurrence
None									

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 - Continued

5 - Reduced Load

6 - Other

4 Exhibit G - Instructions for

Preparation of Data Entry

Sheets for Licensee Event

Report (LER) File (NUREG-0161)

5 Exhibit I - Same Source

**OPERATIONS NARRATIVE**

**COOPER NUCLEAR STATION**

**December 1996**

The plant operated for the month at full power. On 12/1/96, power was reduced for surveillance testing and returned to full power operation.

A capacity factor of 97.9 % was achieved for the month.

