



## Nebraska Public Power District

COOPER NUCLEAR STATION  
P.O. BOX 98, BROWNVILLE, NEBRASKA 68321  
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FAX (402)825-5211

NLS970120

June 12, 1997

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

Subject: Monthly Operating Status Report for May 1997, Docket No. 50-298.

Gentlemen:

Enclosed for your information and use is the Cooper Nuclear Station Monthly Operating Status Report for May 1997. The report includes Operating Status, Average Daily Unit Power Level, Unit Shutdown Data and a Narrative Summary of Operating Experience for the month of May.

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. L. Bundy  
J. M. Cline  
A. L. Dostal  
K. Fleming  
P. D. Graham  
R. L. Gumm  
G. R. Horn  
INPO Records Center  
E. A. Lanning  
T. LaPorte  
B. Lewis  
J. L. Long  
W. R. Mayben  
J. R. McPhail  
NRC Regional Administrator  
NRC Senior Resident Inspector  
E. Pasche  
R. D. Stoddard  
W. Turnbull

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R PDR

Powerful Pride in Nebraska

# **OPERATING DATA REPORT**

**DOCKET NO.** 050-0298  
**UNIT** CNS  
**DATE** 6/12/97  
**TELEPHONE** (402) 825-5295

## **OPERATING STATUS**

1. Unit Name: Cooper Nuclear Station Notes  
 2. Reporting Period: May 1997  
 3. License 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:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 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	3,623.0	200,904.0
12. Number of Hours Reactor Was Critical	277.4	2,368.5	150,013.2
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	239.2	2,330.0	147,814.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	468,554.4	5,340,755.4	309,454,638.4
17. Gross Electric Energy Generated (MWH)	152,483.0	1,758,258.0	100,639,086.0
18. Net Electric Energy Generated (MWH)	147,456.0	1,709,128.0	97,274,155.0
19. Unit Service Factor	32.2	64.3	73.6
20. Unit Availability Factor	32.2	64.3	73.6
21. Unit Capacity Factor (Using MDC Net)	25.9	61.7	63.4
22. Unit Capacity Factor (Using DER Net)	25.5	60.6	62.2
23. Unit Forced Outage Rate	0.0	0.0	7.9

24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each):  
 \_\_\_\_\_  
 \_\_\_\_\_  
 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	_____	_____

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 950-0298  
UNIT CNS  
DATE 6/12/97  
TELEPHONE (402) 825-5295

MONTH May 1997

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
<u>1</u>	<u>0</u>	<u>17</u>	<u>0</u>
<u>2</u>	<u>0</u>	<u>18</u>	<u>0</u>
<u>3</u>	<u>0</u>	<u>19</u>	<u>0</u>
<u>4</u>	<u>0</u>	<u>20</u>	<u>0</u>
<u>5</u>	<u>0</u>	<u>21</u>	<u>0</u>
<u>6</u>	<u>0</u>	<u>22</u>	<u>223</u>
<u>7</u>	<u>0</u>	<u>23</u>	<u>417</u>
<u>8</u>	<u>0</u>	<u>24</u>	<u>437</u>
<u>9</u>	<u>0</u>	<u>25</u>	<u>476</u>
<u>10</u>	<u>0</u>	<u>26</u>	<u>763</u>
<u>11</u>	<u>0</u>	<u>27</u>	<u>764</u>
<u>12</u>	<u>0</u>	<u>28</u>	<u>766</u>
<u>13</u>	<u>0</u>	<u>29</u>	<u>766</u>
<u>14</u>	<u>0</u>	<u>30</u>	<u>766</u>
<u>15</u>	<u>0</u>	<u>31</u>	<u>767</u>
<u>16</u>	<u>0</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

May 1997

DOCKET NO.

050-0298

UNIT NAME

Cooper Nuclear Station

DATE \_\_\_\_\_

6/12/97

COMPLETED BY

P. L. Ballinger

TELEPHONE

(402) 825-5295

[illegible]

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**

**May 1997**

The plant remained shutdown for the Cycle 18 Refueling Outage until May 21, 1997. The plant started up on May 21, 1997 and brought the generator on line on May 22, 1997. Normal startup testing and surveillances were conducted during this startup period. Full power operation was attained on May 25, 1997.

A capacity factor of 25.5% was achieved for the month.

[illegible]