



Nebraska Public Power District

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

NLS970032

February 14, 1997

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

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

Gentlemen:

Enclosed for your information and use is the Cooper Nuclear Station Monthly Operating Status Report for January 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 January.

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

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PDR ADOCK 05000298
R PDR

OPERATING DATA REPORT

DOCKET NO. 050-0298
UNIT CNS
DATE 2/14/97
TELEPHONE (402) 825-5295

OPERATING STATUS

1. Unit Name: Cooper Nuclear Station
2. Reporting Period: January 1997
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	744.0	198,025.0
12. Number of Hours Reactor Was Critical	744.0	744.0	148,388.7
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	744.0	146,228.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,761,672.0	1,761,672.0	305,875,555.0
17. Gross Electric Energy Generated (MWH)	579,000.0	579,000.0	99,459,828.0
18. Net Electric Energy Generated (MWH)	565,268.0	565,268.0	96,130,295.0
19. Unit Service Factor	100.0	100.0	73.8
20. Unit Availability Factor	100.0	100.0	73.8
21. Unit Capacity Factor (Using MDC Net)	99.4	99.4	63.5
22. Unit Capacity Factor (Using DER Net)	97.7	97.7	62.4
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

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	<u> </u>	<u> </u>
INITIAL ELECTRICITY	<u> </u>	<u> </u>
COMMERCIAL OPERATION	<u> </u>	<u> </u>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-0298
UNIT CNS
DATE 2/14/97
TELEPHONE (402) 825-5295

MONTH January 1997

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

<u>1</u>	<u>763</u>
<u>2</u>	<u>764</u>
<u>3</u>	<u>757</u>
<u>4</u>	<u>696</u>
<u>5</u>	<u>764</u>
<u>6</u>	<u>763</u>
<u>7</u>	<u>763</u>
<u>8</u>	<u>763</u>
<u>9</u>	<u>762</u>
<u>10</u>	<u>761</u>
<u>11</u>	<u>760</u>
<u>12</u>	<u>760</u>
<u>13</u>	<u>761</u>
<u>14</u>	<u>761</u>
<u>15</u>	<u>763</u>
<u>16</u>	<u>760</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

<u>17</u>	<u>761</u>
<u>18</u>	<u>763</u>
<u>19</u>	<u>766</u>
<u>20</u>	<u>767</u>
<u>21</u>	<u>767</u>
<u>22</u>	<u>766</u>
<u>23</u>	<u>765</u>
<u>24</u>	<u>764</u>
<u>25</u>	<u>762</u>
<u>26</u>	<u>735</u>
<u>27</u>	<u>763</u>
<u>28</u>	<u>763</u>
<u>29</u>	<u>763</u>
<u>30</u>	<u>765</u>
<u>31</u>	<u>765</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

January 1997

DOCKET NO.

050-0298

UNIT NAME

Cooper Nuclear Station

DATE _____

2/14/97

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

January 1997

The plant operated for the month at full power.

A capacity factor of 97.7 % was achieved for the month.

Correspondence No: NLS970032

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