



Nebraska Public Power District

COOPER NUCLEAR STATION
P.O. BOX 98, BROWNVILLE, NEBRASKA 68021
TELEPHONE (402)825-3811
FAX (402)825-5211

NLS970062

April 15, 1997

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

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

Gentlemen:

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

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
J. M. Cline
A. L. Dostal
P. D. Graham
R. L. Gumm
G. R. Horn
INPO Records Center
E. A. Lanning
J. L. Long
W. R. Mayben
J. R. McPhail
NRC Regional Administrator
NRC Senior Resident Inspector
E. Pasche
W. Turnbull
F. E. Yost

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PDR ADOCK 050 0298
R PDR



OPERATING DATA REPORT

DOCKET NO. 050-0298

UNIT CNS

DATE 4/15/97

TELEPHONE (402) 825-5295

OPERATING STATUS

1. Unit Name:	Cooper Nuclear Station	Notes
2. Reporting Period:	March 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:

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	2,160.0	199,441.0
12. Number of Hours Reactor Was Critical	675.1	2,091.1	149,735.8
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	674.8	2,090.8	147,574.9
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,522,929.0	4,872,201.0	308,986,084.0
17. Gross Electric Energy Generated (MWH)	500,885.0	1,605,775.0	100,486,603.0
18. Net Electric Energy Generated (MWH)	486,261.0	1,561,672.0	97,126,699.0
19. Unit Service Factor	90.7	96.8	74.0
20. Unit Availability Factor	90.7	96.8	74.0
21. Unit Capacity Factor (Using MDC Net)	85.5	94.6	63.7
22. Unit Capacity Factor (Using DER Net)	84.0	92.9	62.6
23. Unit Forced Outage Rate	9.3	3.2	7.9

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: May 7, 1997

26. 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 4/15/97
TELEPHONE (402) 825-5295

MONTH March 1997

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
<u>1</u>	<u>765</u>	<u>17</u>	<u>704</u>
<u>2</u>	<u>764</u>	<u>18</u>	<u>702</u>
<u>3</u>	<u>764</u>	<u>19</u>	<u>695</u>
<u>4</u>	<u>764</u>	<u>20</u>	<u>695</u>
<u>5</u>	<u>764</u>	<u>21</u>	<u>694</u>
<u>6</u>	<u>763</u>	<u>22</u>	<u>694</u>
<u>7</u>	<u>764</u>	<u>23</u>	<u>694</u>
<u>8</u>	<u>764</u>	<u>24</u>	<u>694</u>
<u>9</u>	<u>763</u>	<u>25</u>	<u>692</u>
<u>10</u>	<u>766</u>	<u>26</u>	<u>692</u>
<u>11</u>	<u>764</u>	<u>27</u>	<u>694</u>
<u>12</u>	<u>764</u>	<u>28</u>	<u>497</u>
<u>13</u>	<u>764</u>	<u>29</u>	<u>9</u>
<u>14</u>	<u>762</u>	<u>30</u>	<u>-</u>
<u>15</u>	<u>702</u>	<u>31</u>	<u>-</u>
<u>16</u>	<u>707</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

March 1997

DOCKET NO.

050-0298

UNIT NAME

Cooper Nuclear Station

DATE _____

4/15/97

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

March 1997

The plant operated for the first half of the month at full power. Feedwater heater problems required reduced power operations for the second half of the month. The plant maintained reduced power operation until the shutdown for the refueling outage. A capacity factor of 84% was achieved for the month.

Correspondence No: NLS970062

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