



Nebraska Public Power District

COOPER NUCLEAR STATION
P.O. BOX 98, BROWNVILLE, NEBRASKA 68321
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NLS960193

October 15, 1996

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

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

Gentlemen:

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

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
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INPO Records Center
E. A. Lanning
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NRC Senior Resident Inspector
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OPERATING DATA REPORT

DOCKET NO. 050-0298
UNIT CNS
DATE 10/15/96
TELEPHONE (402) 825-5295

OPERATING STATUS

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

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	720.0	6,575.0	195,072.0
12. Number of Hours Reactor Was Critical	720.0	6,394.3	145,435.7
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	720.0	6,331.2	143,275.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,679,568.0	14,548,111.0	298,874,539.0
17. Gross Electric Energy Generated (MWH)	548,550.0	4,782,198.0	97,162,508.0
18. Net Electric Energy Generated (MWH)	537,096.0	4,656,034.0	93,882,163.0
19. Unit Service Factor	100.0	96.3	73.4
20. Unit Availability Factor	100.0	96.3	73.4
21. Unit Capacity Factor (Using MDC Net)	97.6	92.7	63.0
22. Unit Capacity Factor (Using DER Net)	95.9	91.0	61.9
23. Unit Forced Outage Rate	0.0	0.0	8.1

24. Shutdown Scheduled Over Next 6 Months (Type, Date, and Duration of Each): N/A

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		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-0298
UNIT CNS
DATE 10/15/96
TELEPHONE (402) 825-5295

MONTH September 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
<u>1</u>	<u>758</u>	<u>17</u>	<u>762</u>
<u>2</u>	<u>758</u>	<u>18</u>	<u>761</u>
<u>3</u>	<u>758</u>	<u>19</u>	<u>763</u>
<u>4</u>	<u>758</u>	<u>20</u>	<u>762</u>
<u>5</u>	<u>749</u>	<u>21</u>	<u>763</u>
<u>6</u>	<u>752</u>	<u>22</u>	<u>763</u>
<u>7</u>	<u>723</u>	<u>23</u>	<u>763</u>
<u>8</u>	<u>566</u>	<u>24</u>	<u>763</u>
<u>9</u>	<u>675</u>	<u>25</u>	<u>763</u>
<u>10</u>	<u>703</u>	<u>26</u>	<u>763</u>
<u>11</u>	<u>745</u>	<u>27</u>	<u>764</u>
<u>12</u>	<u>759</u>	<u>28</u>	<u>764</u>
<u>13</u>	<u>761</u>	<u>29</u>	<u>705</u>
<u>14</u>	<u>762</u>	<u>30</u>	<u>766</u>
<u>15</u>	<u>763</u>	<u>31</u>	<u></u>
<u>16</u>	<u>762</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

September 1996

DOCKET NO.

050-0298

UNIT NAME

Cooper Nuclear Station

DATE _____

10/15/96

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 1 - Same Source

OPERATIONS NARRATIVE

COOPER NUCLEAR STATION

September 1996

The plant operated near full power for most of the month. On 9/7/96, the plant reduced power to perform a control rod sequence exchange. Following the adjustment, a flow ramp was implemented. Due to thermal limits and a high rod line, full power could not be achieved. Another adjustment was made on 9/10/96 to optimize the rod pattern. Another flow ramp was implemented and full power was achieved on 9/11/96.

A capacity factor of 95.9 % was achieved for the month.

Correspondence No: NLS960193

The following table identifies those actions committed to by the District in this document. Any other actions discussed in the submittal represent intended or planned actions by the District. They are described to the NRC for the NRC's information and are not regulatory commitments. Please notify the Licensing Manager at Cooper Nuclear Station of any questions regarding this document or any associated regulatory commitments.

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