



**Nebraska Public Power District**

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NLS2004156  
December 13, 2004

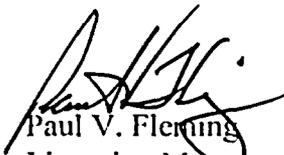
U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D.C. 20555-0001

Subject: Monthly Operating Report for November 2004  
Cooper Nuclear Station, Docket 50-298, DPR-46

The purpose of this letter is to provide the Cooper Nuclear Station Monthly Operating Report for November 2004. In accordance with the guidance provided by Generic Letter 97-02, this report includes an Operating Data Report and Unit Shutdown Report for the month of November. In accordance with Technical Specification 5.6.4, this report also includes documentation of challenges to the safety/relief valves.

Should you have any comments or require additional information regarding this report, please contact Paul Fleming at (402) 825-2774.

Sincerely,



Paul V. Fleming  
Licensing Manager

/cb  
Enclosure

cc:	NRC Regional Administrator	W. J. Fehrman
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**APPENDIX A  
OPERATING DATA REPORT**

<b>DOCKET NO.</b>	<u>050-0298</u>
<b>UNIT NAME</b>	<u>Cooper Nuclear Station</u>
<b>DATE</b>	<u>12/13/2004</u>
<b>COMPLETED BY</b>	<u>Rodrick D. Wilson</u>
<b>TELEPHONE</b>	<u>(402) 825-5135</u>

**Reporting Period:** November 2004

	This Month	Yr.-to-Date	Cumulative
1. Design Electrical Rating (Net MWe). The nominal net electrical output of the unit specified by the utility and used for the purpose of plant design.	<u>778.0</u>	<u>N/A</u>	<u>N/A</u>
2. Maximum Dependable Capacity (Net MWe): The gross electrical output as measured at the output terminals of the turbine-generator during the most restrictive seasonal conditions minus the normal station service loads.	<u>764.0</u>	<u>N/A</u>	<u>N/A</u>
3. Number of Hours the Reactor Was Critical. The total number of hours during the gross hours of the reporting period that the reactor was critical.	<u>562.9</u>	<u>7,574.0</u>	<u>206,590.3</u>
4. Number of Hours the Generator Was On Line. (Also called Service Hours). The total number of hours during the gross hours of the reporting period that the unit operated with the breakers closed to the station bus. The sum of the hours the generator was on line plus the total outage hours should equal the gross hours in the reporting period.	<u>546.6</u>	<u>7,556.4</u>	<u>203,662.7</u>
5. Unit Reserve Shutdown Hours. The total number of hours during the gross hours of the reporting period that the unit was removed from service for economic or similar reasons but was available for operation.	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
6. Net Electrical Energy (MWh). The gross electrical output of the unit measured at the output terminals of the turbine-generator minus the normal station service loads during the gross hours of the reporting period, expressed in megawatt hours. Negative quantities should not be used.	<u>399,430.0</u>	<u>5,648,447.0</u>	<u>138,802,452.0</u>

**APPENDIX B  
UNIT SHUTDOWNS**

DOCKET NO.	<u>050-0298</u>
UNIT NAME	<u>Cooper Nuclear Station</u>
DATE	<u>12/13/2004</u>
COMPLETED BY	<u>Rodrick D. Wilson</u>
TELEPHONE	<u>(402) 825-5135</u>

REPORT MONTH November 2004

No.	Date	Type F: FORCED S: SCHEDULED	Duration (Hours)	Reason (1)	Method Of Shutting Down (2)	CAUSE/CORRECTIVE ACTIONS	COMMENTS
04-01	10/19/04	F FORCED	173.4	A	4	Manual shutdown due to high turbine bearing vibrations on 10/19/04. Rx critical on 11/07/04	

SUMMARY: 18 October, CNS experienced an increase in turbine bearing vibration and initiated a manual shutdown. Unit was brought offline at 04:05 on the morning of 19 October.  
Rx Critical at 13:03 on 7 November

- (1) 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)

- (2) Method:
- 1 - Manual
  - 2 - Manual Trip/Scram
  - 3 - Automaffe Trip/Scram
  - 4 - Continuation
  - 5 - Other (Explain)

**APPENDIX C  
SAFETY/RELIEF VALVE CHALLENGES  
NOVEMBER 2004**

There were no challenges to the safety/relief valves during the month of November.

