

**U.S. DEPARTMENT OF ENERGY
 FEDERAL ASSISTANCE PROGRAM/PROJECT STATUS REPORT**

OMB Burden Disclosure Statement

Public reporting burden for this collection of information is estimated to average 47.5 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Office of Information Resources Management, AD-241.2 - GTN, Paperwork Reduction Project (1910-0400), U.S. Department of Energy, 1000 Independence Avenue, SW., Washington, DC 20585; and to the Office of Management and Budget (OMB), Paperwork Reduction Project (1910-0400), Washington, DC 20503.

1. Program/Project Identification No. DE-FC26-98FT40321	2. Program/Project Title: JV Task 42 – Longer-Term Testing of Continuous Mercury Monitors	3. Reporting Period 4/1/02 through 6/30/02
4. Name and Address Energy & Environmental Research Center University of North Dakota PO Box 9018, Grand Forks, ND 58202-9018		5. Program/Project Start Date 4/15/98
		6. Completion Date 3/31/03

7. Approach Changes

None

8. Performance Variances, Accomplishments, or Problems

Preliminary results of the testing at the TXU's Monticello Power Plant were compiled and distributed to DOE, EPRI, Ralph Roberson of RMB Consulting & Research, Inc., and plant personnel from TXU. Approximately a month-worth of data was obtained at this site with few problems. Considerable care was given to eliminate invalid data and "background noise" of the instrument and maintenance. After quality control steps were applied to the data, they were submitted to the EPA Maximum Achievable Compliance Technologies (MACT) Mercury Work Group for their consideration. The continuous mercury monitor (CMM) data show considerable variability within periods as short as an hour. While feedback from the MACT Mercury Work Group was favorable and stressed the importance of this research, there has been little direct feedback except to request more data as soon as it becomes available.

To accommodate the plant and personnel scheduling, testing at Sammis began July 3 and extended through the end of June. Again, good results were obtained. The data will go through the quality control process and then be submitted to project partners for consideration. It is anticipated that the data will also be submitted to the MACT Mercury Work Group for ongoing consideration in the face of pending regulation.

An abstract related to this project was submitted and accepted for the Pittsburgh Coal Conference. Jeff Thompson will present this paper.

None

9. Open Items

None

10. Status Assessment and Forecast

No Deviation from Plan is Expected

11. Description of Attachments

Jeff Thompson's submission to the Pittsburgh Coal Conference titled "Use of Continuous Emission Monitors for Mercury at Coal-Fired Utilities" is attached.

None

12. Signature of Recipient and Date	13. Signature of U.S. Department of Energy (DOE) Reviewing Representative and Date
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