

**LMFS-96-22**  
**A SURVEY: MERCURY EMISSIONS FROM NORTH DAKOTA LIGNITE-FIRED  
POWER PLANTS**

**CONTRACTOR:** ENSR Consulting and Engineering

**PRINCIPAL INVESTIGATOR:** Bruce Macdonald, Ph.D. – Principal Investigator  
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**CONTRACT AMOUNT:** \$44,940

**Project Schedule – 4 Months**

Contract Date – 5/7/96  
Start Date – 5/20/96  
Completion Date – 8/1/96

**Project Deliverables**

Status Report – 6/1/96 ✓  
Draft Final Report – 7/1/96 ✓  
Final Report – 8/1/96 ✓

**Project Schedule – 4 Months**

Addendum to Contract – 11/22/96  
Start Date – 11/22/96  
Completion Date - 2/97

**Project Deliverables**

Letter Report – 11/96 ✓  
Letter Report – 12/96 ✓  
Draft Final Report – 1/97 ✓  
Final Report – 2/97 ✓

**OBJECTIVE / STATEMENT OF WORK**

The objective of this project is to conduct a comprehensive search of available scientific information on the emission, transport and deposition of mercury from North Dakota's lignite-fired power plants.

**Project Description**

The contractor will identify and collect data, provide a review and analysis of the data, prepare conclusions and recommendations, and present the findings in a final report.

**STATUS**

The contractor presented the findings on August 27, 1996. Two key technical summaries reviewed by the contractor are the EPA Mercury Study Report to Congress and the Electric Power Research Institute Utility Trace Substance Synthesis Report. The EPA Mercury study report was issued in December 1997.