

**Grant Round Application for LRC LXXX (80)-B**

**TECHNICAL ADVISOR'S SUMMARY and RECOMMENDATION**

**LRC-LXXX (80)-B**

***“Managing Aerosol Emissions from CO2 Capture Systems”***

**Submitted by: EERC**

**Request for: \$300,000; Total Project Costs: \$600,000**

**Principal Investigator: Bruce C. Folkedahl and John P. Kay.**

**Description of the Project:**

The goals of this Energy & Environmental Research Center (EERC) project are to determine the potential impacts of low-rank coal combustion system aerosol formation, abundance, and chemistry in flue gas downstream of particulate and sulfur dioxide control systems; determine their effect on solvent aerosol formation in postcombustion CO2 capture (PCC) systems; and identify methods to control the formation of aerosols.

**Technical Advisor's Recommendation: Fund**

Fund subject to the following:

- Matching Funding received from all the parties
- Technical advisor participates in Advisory group

**Conflict of Interest:**

Minnkota Power  
Alette