

Grant Round Application for LRC-LXXVI(76)-D

TECHNICAL ADVISOR’S SUMMARY and RECOMMENDATION

LRC-LXXVI (76) – D

“Alstom’s Chemical Looping Combustion Technology with CO2 Capture for North Dakota Lignite Utilization”

Submitted by: Alstom power, Inc.

Request for: \$500,000; Total Project Costs: \$10,489,821;

Principal Investigator: Herbert E. Andrus, Jr.

Description of the Project:

Alstom proposes a program to test and commercially develop a limestone-based chemical looping combustion process (LCL-C™) to utilize partially dried (dried to 25-30% moisture) and run-of-mine North Dakota lignite as well as other US coals.

Technical Advisor’s Recommendation: Fund

Fund subject to the following:

- Matching Funding received.

Conflict of Interest:

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