

LMFS-94-19
UPGRADED ND LIGNITE STOKER BOILER TESTBURN
(SYNCOAL[®] COMBUSTION TESTING – 5/19/95 REQUEST)

CONTRACTOR: Center SynCoal[®] Partnership

PRINCIPAL INVESTIGATOR: Ray Sheldon
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CONTRACT AMOUNT: \$50,000

Project Schedule – 5 months

Contract Date –
Start Date –
Completion Date –

Project Deliverables

Status Report –
Status Report –
Final Report –

OBJECTIVE / STATEMENT OF WORK

The Center SynCoal[®] Partnership proposed combustion testing of upgraded North Dakota lignite in a spreader stoker fired boiler. The purpose of the test burn was to demonstrate the use of SynCoal[®] as an upgraded coal product derived from North Dakota lignite in an industrial boiler. Testing of the upgraded lignite was proposed at the University of North Dakota heat plant in Grand Forks, North Dakota.

Project Description

Stage 1 and Stage 2 – (Funding requested for these two stages)

- Modify the spreader stoker boiler at the University of North Dakota
- feed SynCoal[®] through the modified system; and
- determine flow and distribution characteristics for the SynCoal[®] product.

STATUS

This project was cancelled.