

(6) Field Trial of a High Capacity Gas-Fired Paper Dryer

Presentations/Publications:

There was one major presentation made during the reported quarter (attached):

01-31-05: Natural Gas Technologies III Conference (Orlando, FL)

02-10-05: Abstract on GFPD Technology was submitted to 2005 NATO Workshop (Kiev, Ukraine)

03-21-05: Write-up on GFPD technology was prepared to CEP (Chemical Engineering Progress) magazine

<u>Milestones:</u>	<u>Date</u>
Draft full-scale GFPD design developed	12/31/04
Final GFPD design completed	06/30/05
GFPD components fabricated, purchased, assembled	12/31/05
Baseline test/auditing completed	12/31/05
Field trial completed	06/30/06
Final Technical Report	08/20/06

The following activities were performed during the reported period:

- Sub-contractual paperwork for the first stage of project (FBC, GL&V) was executed
- Baseline/audit of the drying section was performed at LPI manufacturing facility (Becker, MN)
- Combustion system design was finalized and partially specified
- Revised Field Test Agreement is under project partners' review
- GFPD technology was presented at 2005 NGT III Conference (Orlando, FL)

Plans for Next Quarter:

- Execute sub-contractual paperwork (FBC, GL&V) for the design/fabrication work
- Finalize Field Trial Agreement
- Complete specification for GFPD combustion system design
- Finalize the entire GFPD system design (GTI/GL&V/FBC meeting is tentatively scheduled for 4-28-05)
- Process and analyze the data from baseline testing/audit at LPI paper machine (Becker, MN)