

NTRD Program Disclaimers

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**Texas Commission on Environmental Quality
New Technology Research & Development (NTRD) Program
Monthly Project Status Report
GTI Project #20485**

Contract Number: 582-5-70807-0018

Grantee: Gas Technology Institute

Date Submitted: May10, 2006

Report for the Monthly period: April 2006

Starting Date: April 1, 2006

Ending Date: April 30, 2006

Section I. Accomplishments *(Please provide a bulleted list of project accomplishments as well as a description of their importance to the project.)*

Accomplishment	Importance to the Project
Testing and reassembly of components mentioned in previous month's reports has resulted in system leaks being found. Leak detection and repair is ongoing.	Component refurbishment and/or replacement is needed to assure reliability and to maximize efficiency of the system.
Two potential deployment sites have been identified. A Cost estimate for system installation is being prepared for one of the sites.	A site host that operates LNG-fueled vehicles is necessary for the successful demonstration of the on-site liquefier.

Indicate which part of the Grant Activities as defined in the grant agreement, the above accomplishments are related to:

Accomplishment	Grant Activity
Engine component replacements	Tasks 1-6
Demonstration site identification	Tasks 5

Section II: Problems/Solutions

<p>Problem(s) Identified</p> <p><i>(Please report anticipated or unanticipated problem(s) encountered and its effect on the progress of the project)</i></p>	<p>1) GTI is waiting for component parts that are on order.</p>
<p>Proposed Solution(s)</p> <p><i>(Please report any possible solution(s) to the problem(s) that were considered/encountered)</i></p>	<p>1. The project timeline has slipped while awaiting component parts from one of our suppliers</p>

Action(s) Conducted and Results

(Please describe the action(s) taken to resolve the problem(s) and its effect)

1. GTI has requested interim project report time extensions.

Section III. **Goals and Issues for Succeeding Period:** *(Please provide a brief description of the goal(s) you hope to realize in the coming period and identify any notable challenges that can be foreseen)*

- Continue systems refinement, efficiency enhancements, and system optimization activities that were initiated during October.
- Reach agreement on deployment location and begin on-site permitting, gas supply, and operating groundwork. This item will most likely continue for the next reporting period.



Date: 5-10-06

Authorized Project Representative's Signature

**J. Brian Weeks, Associate Director
Hydrogen Energy Systems
Gas Technology Institute**

NOTE: *Please attach any additional information that you feel should be a part of your report or that may be required to meet the deliverable requirements for tasks completed during this reporting period.*