

NTRD Program Disclaimers

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

Contract Number: 582-5-70807-0006

Grantee: Railroad Commission of Texas

Date Submitted: June 9, 2006

Report for the **Monthly** period:

Starting Date: May 1, 2006

Ending Date: May 31, 2006

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

1. CARB has approved the test plan that Engine Control Systems, Ltd. (ECS, formerly Lubrizol) submitted for testing of the TermiNOx system on the GM 4.3-liter V6 engine.
2. NETT Technologies has notified the Railroad Commission that they have sent their test plan to CARB and have received informal approval. NETT is developing a procedure for durability testing and has reported that they have located a system that has accumulated enough hours of service to be used for durability testing.
3. Carnot Emission Services of San Antonio, Texas, is ready to start the testing program when the test plan and agreement between The Railroad Commission and the ECS is approved by TCEQ.

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

Task I. Select partners

2.1.1 Select retrofit fuel systems

2.1.5 Submit names of verification partners and copies of the agreements

Task 2. Initiate CARB verification process

2.3.1 Select testing laboratory

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><i>The partners for the testing have been selected: ECS and NETT. CARB has approved the testing plan for ECS. NETT reports an approved test plan, but they appear to want to change some of the components that they are using. This has delayed some of their discussions with CARB.</i></p> <p><i>Delays in securing CARB approval of these test plans require a no-cost extension of the contract until December 31, 2006.</i></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><i>NETT has proposed a solution to CARB for durability testing that will allow them to test their system.</i></p> <p><i>The terms of a no-cost extension have been approved by TCEQ and an amendment is in preparation.</i></p>
<p>Action(s) Conducted and Results</p> <p><i>(Please describe the action(s) taken to resolve the problem(s) and its effect)</i></p>	<p><i>A written agreement between the Railroad Commission and ECS has been drafted and is being reviewed by the company. When approved by Commission and ECS representatives, the agreement will be forwarded to TCEQ for approval and authorization to proceed.</i></p>

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)*

1. *Negotiate an agreement with ECS for the testing of the system; secure TCEQ written approval to proceed.*
2. *Receive CARB written approval of ECS's testing plan for the GM 4.3L program; secure TCEQ approval to proceed. We have received verbal approval from CARB at this time.*
3. *Receive CARB approval of NETT's testing plan for the GM 4.3L program; secure TCEQ approval to proceed.*
4. *Schedule test cell time; procure test engine and implement testing of the fuel systems on the GM 4.3L engine.*



Date: June 9, 2006

Authorized Project Representative's Signature

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.*