

NTRD Program Disclaimers

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

OFFICE OF ENVIRONMENTAL
POLICY, ANALYSIS & ASSESSMENT
FEB 09 2005
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Contract Number: 582-5-65591-0011

Grantee: Cummins West, Inc. dba Cleaire Advanced Emission Controls, LLC

Date Submitted: February 4, 2005

Report for the **Monthly** period:

Starting Date January 1, 2005

Ending Date January 31, 2005

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

- Submitted a draft contract to TCEQ for approval for testing the Lonestar at Southwest Research Institute (SwRI).
- Submitted a draft contract to TCEQ for approval for testing the Lonestar at the California Truck Testing Services laboratory (CaTTS).
- Continued receiving parts from suppliers to fabricate Lonestars to be used in the preliminary testing and for the in-field durability demonstration.
- Received the revised contract and amended budget from the TCEQ.
- Responded to TCEQ questions and concerns regarding the verification program and testing subcontracts.

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

Article 1.1.3. and Article 2, Task 1: Construction of Lonestar systems.

Article 2, Task 2: Verification Test Plan Approval

Article 2, Task 3: Emission Verification of Lonestar Systems

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>Claire management is concerned about the uncertainty in receiving reimbursement from the TCEQ for approved budget items. The owner's are not prepared to take further financial risks in the form of the pre-test deposit required by SwRI until Claire has received reimbursement for the request submitted on January 10, 2005.</p> <p>Since preliminary testing is critical to ensure the best chance of having a positive outcome from the in-field durability demonstration and subsequent testing, the reimbursement delays are impacting the overall project schedule.</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>Claire and the TCEQ need to reach a common understanding on the terms on the contract as they relate to the specific details and costs of the Lonestar verification program.</p> <p>Upon reaching that common understanding and receiving payment for the first reimbursement request, Claire's owners will proceed with the project and make the down payment to SwRI.</p> <p>By the time the initial testing occurs at SwRI (hopefully by April), Claire will be better able to estimate how long it will take to complete the project and can supply the information to TCEQ at that time.</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>Claire submitted a response to the TCEQ on January 31, 2005 describing Claire's understanding of the verification program and NTRD grant contract.</p> <p>Upon the TCEQ's review of the submittal, Claire welcomes the opportunity for discussion with TCEQ to clear up any remaining misunderstandings and ensure that both parties have a common understanding on the project goals and tasks.</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)*

Goals for February 2005:

- Reach a common understanding with the TCEQ on the Lonestar verification program.
- Receive approval from the TCEQ on all Cleaire's subcontracts.
- Receive reimbursement from the TCEQ for Cleaire's first reimbursement request.
- Sign a contract with SwRI and pay the pre-test deposit in order to reserve test cell time.
- Perform preliminary performance testing at the California Truck Testing Services (CaTTS) for the prototype Lonestar system.
- Fabricate Lonestar units for durability aging and initial testing at SwRI.
- Finalize the pre-data verification application and submit to CARB.

The following goals are ongoing:

- Identify host vehicles and contact owners' in preparation for installing test units for durability mileage accumulation.
- Continue Cleaire's formal product development processes for the Lonestar.



Date:

2/4/05

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.*