

## **NTRD Program Disclaimers**

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

Contract Number: 582-5-65591-0010

Grantee: Eaton Corporation

Date Submitted: May 10, 2006

Report for the **Monthly** period:

Starting Date April 1, 2006

Ending Date April 30, 2006

**Section I. Accomplishments**

1. Accomplishment: Previous period's goal #1 (Complete bench testing of the HLA hardware.) – Several tests of the HLA system were performed, both at the component level and system level. The tests were successful by demonstrating that the newly designed HLA system performed well and as expected.

Importance: Verify design prior to vehicle installation.

2. Accomplishment: Previous period's goal #2 (Ship the HLA hardware to the vehicle installation site.) – The HLA hardware was shipped on schedule to the site where it will be installed in the vehicle

Importance: Required logistics

3. Accomplishment: Previous period's goal #3 (Complete the emissions test plan.) – The emissions test plan requires creating a new drive cycle. Existing drive cycles were not representative of actual driving data collected from end users. Significant progress has been made on creating the new cycle.

Importance: Necessary to perform the emissions test.

4. Accomplishment: Axle upgrade – The axle upgrade was successfully completed.

Importance: Necessary to test the hardware on the vehicle.

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

1. SOW 2.2.2
2. SOW 2.3.1
3. SOW 2.2.2
4. SOW 2.2.3

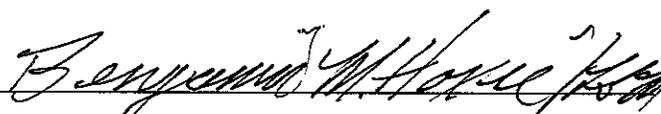
### Section II: Problems/Solutions

Problem(s) Identified	
Proposed Solution(s)	
Action(s) Conducted and Results	

### Section III. Goals and Issues for Succeeding Period:

Goals:

1. Install the hardware in the vehicle.
2. Tune HLA system performance.
3. Complete the emissions test plan.

 Date: 4-11-06  
Authorized Project Representative's Signature