

## **NTRD Program Disclaimers**

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

Contract Number: 582-5-70807-0021

Grantee: Clean Air Power, Inc.

Date Submitted: 11-1-05

Report for the **Monthly** period:

Starting Date :10-01-05

Ending Date :10-31-05

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

- Compiling additional test data SCR catalyst on request of EPA
- Compiling test data DPX catalyst
- Discussing with EPA the application submitted
- Compiling for EPA data concerning Vanadium used in SCR substrate
- Complete designing canning DPX catalysts
- Complete designing canning SCR catalyst
- Ordered 5 units urea dosing systems incl sensors
- Complete ordering canning components for SCR and DPX

**Indicate which part of the Grant Activities as defined in the grant agreement, the above accomplishments are related to: New technology research and development grant SCR/DPX system.**

Section II: Problems/Solutions

<p><b>Problem(s) Identified</b></p> <p><i>(Please report anticipated or unanticipated problem(s) encountered and its effect on the progress of the project)</i></p>	<p><i>It is not clear yet if EPA will allow the use of Vanadium in SCR substrates.</i></p>
<p><b>Proposed Solution(s)</b></p> <p><i>(Please report any possible solution(s) to the problem(s) that were considered/encountered)</i></p>	<p><i>Our substrate supplier Haldor Topsoe will be in contact with EPA to address this issue.</i></p>

**Action(s) Conducted and Results**

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

**N/A**

**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)*

- *PERIOD OCTOBER 2005*
- *Manufacture and assemble SCR and DPX catalyst units in stainless steel housing.*
- *Install two SCR/DPX systems on of customer freight liners trucks*
- *Commission SCR/DPX systems*
- *Purchase on site urea tank*

*Frits Tan*  
*Authorized Project Representative's Signature*

Date: Oct 31 2005

**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.*