

NTRD Program Disclaimers

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

Contract Number: _____582-5-70807-0017_____

Grantee: ___ General Electric Transportation Rail , Erie, PA_____

Date Submitted: _____8/31/05_____

Report for the **Monthly** period:

Starting Date _____7/2/05_____ Ending Date _____8/1/05_____

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

1. *Built 645E3B power assemblies using RTOC test results*
2. *Built and delivered a modified turbocharger to SwRI for engine testing.*
3. *Building a 645E3B engine for developmental testing*
4. *Refurbished SLP 5618 for test setup - as a test bed and delivered to SwRI*

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

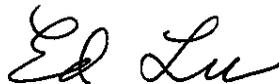
* Indicated Southwest Research Institute contractual development and test activities

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>Power Assembly liners missing and piston ring sets delivery schedule is late</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>Pull in liner schedule and order ring sets from suppliers</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>Interfaced with suppliers to pull in liner and ring sets delivery schedule. Missed the schedule by 2 weeks. This will delay engine delivery to SwRI.</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. *Baseline FTP of Test Engine 645E3B at SwRI.*
2. *Develop injector design for any new helix change*
3. *Install camshaft for timing check*
4. *Conduct subsystem and component level design reviews for design and validation.*



Date: 8/31/05

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.*