

Quarterly Report – Public Page

Date of Report: January 25, 2007

Contract Number: DTRS56-03-T-0009

Prepared for: U.S. DOT Pipeline and Hazardous Materials Safety Administration

Project Title: Advanced Welding Repair and Remediation Methods for In-Service Pipelines

Prepared by: Edison Welding Institute (EWI)

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For quarterly period ending: December 31, 2006

Progress to date:

- The mechanized, multi-axis welding carriage with adaptive control/tracking for low hydrogen gas metal arc welding (GMAW) and flux cored arc welding (FCAW) is assembled and laboratory evaluations are nearing completion.
- The weld procedure qualification task is complete; however, TransCanada must witness EWI making a weld with the qualified welding procedures on the actual pipeline/sleeve material combination prior to the field trial. These activities will take place in the first quarter of 2007. Date to be determined.
- EWI is having difficulty obtaining pipe and sleeve materials in the requisite carbon equivalent range for TransCanada to witness being welded with the qualified procedures.
- The field trial will take place in the first quarter of 2007. TransCanada anticipates hosting the field trials in the Peace River Project area. Specific date and location to be determined.