

5th Quarterly Report – Public Page

Report Date: July 31, 2009

Contract Number: DTPH56-08-T-000003

Project Title: Development of Tools to Estimate Actual Corrosion Growth Rates (Internal and External) of Gas Pipelines

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

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Progress to Date:

Significant progress has been made in the internal corrosion rate modeling to consider the effect of precipitate. The porosity of the precipitate directly affects the corrosion rate.

The effect of the change of disbondment gap over time on the external corrosion rate of steel under a disbonded coating is being modeled.