PIPELINE INTEGRITY
SEVERE CORROSION REVIEW
LINE 5 WEST STRAITS 2008 MFL

Line Segment:
Date of Most Recent Inspection: May 8, 2008
Inspection Technology & Vendor: GE MFL
ILI Report Issue: Issue 1

Date of Previous Inspection: June 12, 2003
Inspection Technology & Vendor: GE MFL
ILI Report Issue:

Severe corrosion Review Completed By: Saheed Akonko
Date:

Severe Corrosion Review Report Approved By:
Date:

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1.0 EXECUTIVE SUMMARY

The West Straits of Line 5 was inspected on May 8, 2008 using MFL technology. A total of 317 metal loss features were reported, 313 of which were identified as manufacturing defects. This is similar to the 2003 run that also identified 272 manufacturing metal loss features and 2 corrosion features.

The 4 reported corrosion features are provided in table below:

Upstream Girth Weld	Relative Distance (feet)	Absolute Distance (feet)	Comment	Peak Depth (%wt)	Length (in)	Width (in)	Local Wall Thickness (in)	RPR	Orientation (hrs:mins)	LAPA Burst Pressure (PSI)	LAPA RPR
20	22.42	51.49	*INT ML	16%	1.02	1.06	0.812	1.329	6:30	3235	1.328
20	22.92	51.99	*INT ML	21%	1.26	0.87	0.812	1.325	6:45	3223	1.323
20	23.51	52.58	*INT ML	20%	6.58	8.58	0.812	1.235	6:15	3051	1.253
20	24.58	53.65	*INT ML	26%	3.43	2.17	0.812	1.273	6:15	3105	1.275

In accordance to PI-19 Severe Corrosion Feature Review guideline document, there none of these features met the severe corrosion criteria.

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