



uniongas

A Spectra Energy Company

April 30th, 2008

By RESS, courier & email

Ms. Kirsten Walli, Board Secretary
Ontario Energy Board
Suite 2700, 2300 Yonge Street
Toronto, Ontario
M4P 1E4

Dear Ms. Walli:

**Re: Union Gas Limited
2008 Dawn Deliverability Project
Changes to Pipe Specifications
Board File # EB-2007-0633**

We are writing to provide an update on some minor changes to the pipe material specifications for the above project.

Specifically, Section 4, Schedule 6 of the pre-filed evidence provided the proposed pipe specifications for this project. Due to the relatively low pipe quantities for this project, we informed our pipe suppliers that pipe with other combinations of thickness and grade could also be considered as long as they meet the design requirements given in Section 4, Schedule 6 of the pre-filed evidence.

Please find attached a revised Section 4, Schedule 6 showing our revised pipe specifications for the NPS 36 mainline, as well as revised specifications for the NPS 16 and NPS 12 gathering lines. All of the revised pipe specifications meet the design requirements for this project and are in accordance with CSA Z662 (2007).

Sincerely,

Bill Wachsmuth
Senior Administrator, Regulatory Projects
:mjp
Encl.

cc: Neil McKay, Manager Facilities Applications
Zora Crnojacki, Project Advisor
Giovanna Dragic, Senior Case Administrator

DESIGN AND PIPE SPECIFICATIONS

Design Specifications

Mainline

Class Location	-	Class 2
Design Factor	-	0.800
Location Factor (General)	-	0.900
Location Factor (Roads)	-	0.625
Maximum Operating Pressure	-	10549 kPa
Test Medium	-	Water
Test Pressure	-	14769 kPa
Valves/ Fittings	-	PN 150
Minimum Depth of Cover	-	1 m

Gathering Line

Class Location	-	Class 2
Design Factor	-	0.800
Location Factor (General)	-	0.900
Location Factor (Roads)	-	0.625
Maximum Operating Pressure	-	8618 kPa
Test Medium	-	Water
Test Pressure	-	12066 kPa
Valves/ Fittings	-	PN 100
Minimum Depth of Cover	-	1 m

Pipe Specifications

Mainline

Size	-	NPS 36
Wall thickness	-	13.9 mm & 22.2 mm
Type	-	Electric Resistance Weld
Description	-	CSA Z245.1
Grade	-	483 MPa
Category	-	II
Coating	-	Fusion Bond Epoxy (FBE)

Gathering Line

Size	- NPS 10
Wall thickness	- 5.6 mm
Type	- Electric Resistance Weld
Description	- CSA Z245.1
Grade	- 359 MPa
Category	- I
Coating	- Extruded Polyethylene (Yellow Jacket)

Size	- NPS 12
Wall thickness	- 7.1 mm
Type	- Electric Resistance Weld
Description	- CSA Z245.1
Grade	- 414 MPa
Category	- II
Coating	- Extruded Polyethylene (Yellow Jacket)

Size	- NPS 16
Wall thickness	- 9.5 mm
Type	- Electric Resistance Weld
Description	- CSA Z245.1
Grade	- 290 MPa
Category	- I
Coating	- Extruded Polyethylene (Yellow Jacket)