

National Energy
Board



Office national
de l'énergie

File 3600-A000-31
17 February 2005

To: Group 1 Companies
Group 2 Companies

Safety Performance Indicators Initiative

In the spring of 2001 the National Energy Board launched the Safety Performance Indicators (SPI) initiative. The primary objective of this initiative is to obtain data for the purpose of trend analysis and to compare how NEB-regulated pipeline companies are doing in comparison to companies regulated by other agencies. This information should provide reliable evidence that NEB-regulated facilities are safe for workers and the public. The Board intends to continue collecting SPI data and make the results available to the public. The Board has published in April 2003 and January 2004 and anticipates the third report to be published shortly.

The Board now requests Safety Performance data for the calendar year 2004. Definitions for the required SPIs, along with reporting forms, are included in the attached document and can be found on the Board's web site at http://www.neb-one.gc.ca/safety/SafetyPerformanceIndicators/index_e.htm

Please forward the safety information requested in the attached forms to the Board by 31 May 2005. You may alter the forms into any format that is convenient for reporting purposes. Appendix A includes a list of information currently collected pursuant to the *Onshore Pipeline Regulations, 1999* and additional information required for the SPI initiative.

The NEB wishes to thank companies contributing to the Safety Performance Indicator initiative. If you require information or have any questions or concerns, please contact Karen Duckworth at (403) 299-3669 or performanceindicators@neb-one.gc.ca

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Please forward your reports, along with any additional comments you may have, to the undersigned by mail, facsimile, or electronically to performanceindicators@neb-one.gc.ca.

Yours truly,

A handwritten signature in black ink, consisting of several overlapping loops and a final downward stroke.

for
Michel L. Mantha
Secretary

cc: Canadian Association of Petroleum Producers
Canadian Energy Pipeline Association

Attach: Appendix A
SPI Forms

APPENDIX A

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List of Current and Additional Information

Information Currently Reported to the Board under the *Onshore Pipeline Regulations, 1999* (OPR):

Number of serious injuries from company staff as defined in the OPR

Number of liquid spills $>1.5\text{m}^3$

Number of gaseous releases

Number of fatalities

Number of ruptures

Number of reported occurrences on the right-of-way which pose a risk to the pipeline.

Additional Safety Performance Indicator Information Requested:

1. Number of work injuries to company employees (not already submitted as per the OPR) working on federally regulated pipelines.
2. Number of work injuries to contractor employees (not already submitted as per the OPR) working on federally regulated pipelines.
3. Total worker hours from company employees working on federally regulated pipelines.
4. Total worker hours from contractor employees working on federally regulated pipelines.
5. Safety training hours from company employees working on federally regulated pipelines.
5. Number of liquid spills $\leq 1.5\text{m}^3$ on federally regulated facilities.
 - Please segregate the spills as follows:
 - 1) hydrocarbon spills resulting from construction / maintenance activities (such as spills of hydraulic fluid, equipment fuels, lubrication fluids, valve operator fluid, engine oil, etc).
 - 2) pipe content spills resulting from breaks or leaks from the pipe body, flanges, mechanical fittings, tanks, etc.

SAFETY PERFORMANCE INDICATOR INFORMATION

Company:

Address:

First Name:

Last Name:

Title:

Phone:

Fax:

E-mail:

Comments:

**Length of
Pipeline**

SAFETY PERFORMANCE INDICATOR INFORMATION

Information	Definition	Criteria	Examples	Safety Performance Data
Work Injury (WI)	Any occupational injury (including fatal injury) that: prevents an employee from reporting for work or from effectively performing all the duties connected with the employee's regular work on any day subsequent to the day on which the occupational injury occurred, whether or not that subsequent day is a working day for that employee. Hours worked on facilities.	Any injury on federally regulated facilities which satisfies the definition. This is applicable to all workers working on federally regulated facilities. Current NEB reporting requirements include only serious injuries and do not include all Work Injuries.	Medical aid where the employee cannot return to work or regular work activities the following day regardless of the day of week. Injury sustained in a motor vehicle accident where the employee was being paid for the time spent driving.	company: injuries contractor: injuries
Total Worker Hours	Hours worked on facilities.	Any hours worked on federally regulated facilities which satisfies the definition. This is applicable to all company employees and contractor employees working on federally regulated facilities.	Regular and overtime hours. Work by anyone on federally regulated pipeline facilities.	company: hours contractor: hours
Safety Training Hours	Formalized safety training hours committed to maintaining or improving safety.	Any formalized safety training hours which satisfies the definition. This is applicable to all company employees working on federally regulated facilities.	First Aid, H ₂ S Alive!, WHMIS, TDG. Also safety drills, in house site specific training.	See attached Safety Training Form.
Liquid Spills <1.5m ³	An unintended or uncontrolled release of LVP hydrocarbons	Any un-contained liquid spill that is not currently being reported through the OPR 99 requirements. (This is currently reportable under TSB requirements.)		See attached Spill Reporting Form.

COMPANY PERSONNEL SAFETY TRAINING HOURS INFORMATION

Description of Safety Training	Number of Personnel Involved	Total Training Hours
First Aid		
TDG		
WHMIS		
H ₂ S Alive		
(Name of Safety Training)		
(Name of Safety Training)		

The safety training hours information will be collected by the regulated company for company personnel

SPILL REPORTING INFORMATION

Date of Spill	Operational ✓	Construction or Maintenance ✓	Volume of Spill	Description and Location of Spill

Low vapour pressure (LVP)

- (a) hydrocarbons or hydrocarbon mixtures in the liquid or quasi-liquid state with a vapour pressure of 110 kPa absolute or less at 38°C;
- (b) multiphase fluids; or
- (c) oilfield water.

High vapour pressure (HVP) pipeline system C a pipeline system conveying hydrocarbons or hydrocarbon mixtures in the liquid or quasi-liquid state with a vapour pressure greater than 110 kPa absolute at 38°C.

Operational: spills which are pipe content spills resulting from breaks or leaks from the pipe body, flanges, mechanical fittings, tanks, etc.

Construction or Maintenance: hydrocarbon spills resulting from construction / maintenance activities such as hydraulic spills, equipment fuels, lubrication fluids, valve operator fluid, engine oil, etc.