

How to improve overall safety
performance of trans-boundaries
pipelines

Introduction

Pipelines are the most efficient and safest means of transporting energy products

However, pipelines and accidents may go hand in hand

Each year the pipeline industry over the world spend millions of currencies on programs and technology to promote safety of transmission pipelines

Introduction

Still some pipeline accidents already attracted attention because of its consequences

There are some specific problems of overall trans-boundaries pipeline safety

Problems of overall trans-boundaries pipeline safety

There are many approaches how to ensure pipeline safety due to difference in certain countries safety regulations

Two strategic types:

- Prescriptive
- Goal oriented (risk-based approach)

How to address threats to trans-boundaries pipeline safety

- To harmonize safety regulations and requirements in chain – countries utilizing oil and gas industry best practice
- To improve pipeline integrity management using following philosophy:
 - Base on proven success factors for safety
 - Try to utilize existing programs
 - Integrate known best practice

How to address threats to trans-boundaries pipeline safety

- To achieve effective balance “over soft vs. over conservative” pipeline safety regulations
- To establish workplace for exchanging accident prevention experience among pipeline industries, state regulatory bodies and other parties

About progress of WP-6 project

Project based on “the Safety guidelines/good practices for pipelines” prepared under auspices of the Conference of the Parties to the Convention on Transboundary Effects of Industrial Accidents and the Convention on the Protection and Use of Transboundary Watercourses and International Lakes (approved in 2006)

About progress of WP-6 project

On the first stage of the Project it will be the project of several CIS countries which are interested in improving their pipeline safety and reliability performance

About progress of WP-6 project

The portfolio of requirements provides a four level frame:

- Acts
- Regulations
- Standards
- Recommendations

Summary

- We have to establish and maintain an efficient co-operation among interested countries to prevent pipeline accidents that could influence on “the global and local energy security”
- We invite interested countries to take part in this international project

Thank You for attention