

# REEVALUATION INTERVALS FOR PIPELINE PERSONNEL

OPS PUBLIC MEETING

APRIL 23, 2003

# SAFETY COMPARISON

<u>Industry</u>	<u>Fatalities/Yr.</u>
• Merchant Fleet	53
• Railroads	>900
• Nuclear Power	0
• Petrochemical	6/36.5
• Pipelines	18

# Pipeline Industry Operator Error Incidents

- Industry Group      # Incidents 1996-1999 of Total      % of Total      Average # Per yr.

Gas Transmission	21	6.9	5.4
Gas Distribution	44	9.4	11
Hazardous Liquids	61	8.9	16.3

# Requalification Intervals

• Tier	USCG	FRA	NRC	OSHA
• 1	5 yrs.	3 yrs.	2 yrs.	3 yrs.
• 2,3	5 yrs.	None Req'd.	As Needed	As Needed

# Pipeline Industry Intervals

6 Months to 5 Years

Based on Difficulty, Importance,  
Frequency Analysis

5 yrs. & Less, 5 yrs. Or Less, 5 yrs. Or more  
Based on Developed Algorithm

3 yrs. – Based on PSM Requirements

# Tiered Intervals

- Tier 1                      3 years
- Tier 2                      5 years or >
- Tier 3                      As Needed

# Tiered Intervals Example

Tier 1

SCADA Operator

3 yrs.

# Tiered Intervals Example

Tier 2

Valve Maintenance

5 yrs.

# Tiered Intervals Example

Tier 3

Apply Pipe Coating

As Needed

