



Liquefied Natural Gas Safety

National Association of State Fire Marshals

**Washington State Pipeline and Hazardous Materials
Safety Meeting**

April 22, 2008

Liquefied Natural Gas Risks

- Site-specific risks:
 - Neighboring facilities & infrastructure
 - Capacity of local emergency response - land and marine
 - Regional risks & conditions
 - Training and response planning

Overview of NASFM Program

- Model program created by the National Association of State Fire Marshals
- Funded by US Department of Transportation
- Advice from respected and credible experts
- Program provides credible, neutral guidance to local officials.
- Not telling them *what* to think about LNG, but helping understand and assess risks

Key Resources

- White Paper: *An Overview of the LNG Industry and Safety Issues Facing Emergency Responders.*
- Video orientation to accompany the white paper
- Guidance document that helps officials effectively participate in the many Federal and state processes and reviews

Goal: The Fire Service is a credible, neutral resource to community on LNG safety

Guidance Document

- LNG risks are site-specific; permitting processes are standard
- Document provides step-by-step guidance for responders – avoid political tug-of-war
- Standardization leads to consistent understanding of risks
- Results in improved emergency responder & community safety

Guidance Document

- Objectives & Scope
- LNG Industry & Hazards
- Siting Safety & Security Processes
- Emergency Response Planning
- Facility Safety & Security Considerations
- Concise chapters with supporting Appendices

Checklist

- Stand alone document
- Five phase process
 1. Awareness & Involvement with Applicant
 2. Familiarization with Project
 3. Safety/Security Analysis, Planning & Needs
 4. Emergency Response Plan Development
 5. Ongoing Involvement with Operating Facility

“Wish we had this when our project started”

Deputy Chief Hank Teran, Long Beach Fire Department

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