



Summary

Guidance on Risk Analysis and Safety Implications of a Large Liquefied Natural Gas (LNG) Spill Over Water

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Sandia is a multiprogram laboratory operated by Sandia Corporation, a Lockheed Martin Company,
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Motivation and Scope of Sandia Study on LNG Spills Over Water

- 1. Detailed literature search.**
- 2. Review of four recent spill modeling studies.**
- 3. Evaluate accidental and intentional breaching of LNG cargo tanks.**
- 4. Assess extent of hazards from an LNG spill.**
- 5. Develop guidance on a risk-based approach**
 - to analyze and manage possible threats, hazards, and consequences
 - to reduce the overall risks of an LNG spill to levels that are protective of public safety and property.

Key Features Impacting Possible LNG Carrier Spills

