Guest Editorial

An International Symposium on Major Hazards in the Transport and Storage of Pressure Liquefied Gases was held on August 10–13, 1987, in Fredericton, New Brunswick, Canada at the University of New Brunswick. Sponsorship of the event was provided by Transport Canada, the Natural Sciences and Engineering Research Council of Canada, and the University of New Brunswick. The host of the Conference was the University of New Brunswick FIRE SCIENCE CENTRE.

Recent incidents involving pressure liquefied gases, such as in Mississauga, Ontario, Canada and San Juan, Mexico have emphasized the necessity for the correct protection and safety assessment of transport and storage vessels. The objective of this meeting was to provide a forum for those concerned with the subject so they could meet, discuss and learn of the latest and more important developments in the areas of risk assessment, predictions, experiments and physical modeling.

Five keynote speakers and some thirty selected authors explained work being conducted on this topic in Canada, the United States, Great Britain, Germany, Holland and elsewhere. The meeting dealt with the following topics: storage vessels, transportation vessels, experimental studies, hazard assessment, mathematical modeling, BLEVE phenomena, incident studies, pressure relief and safety codes.

The papers selected for this edition of the Journal of Hazardous Materials illustrate the range of topics covered in the presentations and represent only a sampling of the work being undertaken on this subject world-wide.

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