

Technical Committee on Liquefied Natural Gas

MEMORANDUM

TO: Technical Committee on Liquefied Natural Gas
FROM: Denise Beach, Senior Engineer/Staff Liaison
DATE: May 13, 2011
RE: **NFPA 59A LNG-AAA ROC Meeting Minutes**

Enclosed are the minutes from the April 27-28, 2011 meeting. Please feel free to bring any substantive incorrect items to my attention.

The ROC meeting is the final committee meeting for the Fall 2011 Revision Cycle. NFPA 59A is on a three-year revision cycle. The next meeting will be scheduled as needed.

The Committee actions will be published in the committee ballot, which should arrive shortly via email. The ballot will also be available on the document information page, www.nfpa.org/59A. If you have any questions or comments, please feel free to contact me at (617) 984-7501 or via email at dbeach@nfpa.org.

MINUTES OF MEETING

Technical Committee on Liquefied Natural Gas

Hyatt Regency Hotel O'Hare
9300 Bryn Mawr Avenue
Rosemont, IL 60018
April 27-28, 2011

I. Attendance:

Principal Members/Staff:

Jay Jablonski, Technical Committee Chair, Munich RE, Germany
Richard Hoffmann, Secretary, Hoffmann & Feige, NY
Denise Beach, NFPA, MA

Leon Bowdoin, Acting Technical Committee Chair, Weaver's Cove Energy, MA
Jeffrey Brightwell, Trunkline LNG, LA
Don Coers, Coers and Company, IL
Brian Eisentrout, CB&I, IL
Charles Hanskat, Concrete Engineering Group, IL
Charles Helm, U.S. Department of Transportation, OK
Francis Katulak, Distrigas of Massachusetts, MA
James Lewis, Braemar Wavespec USA, TX
Joel Madison, Ebara International Corporation, NV
Glenn Mahnken, FM Global, MA
Kenneth Paul, Chart Industries, Inc., NH
Gilford Poe, ExxonMobil Production Company, TX
Phani Raj, Technology & Management Systems, Inc., MA
James Regan, Starr Technical Risks Agency Inc. IL
Kevin Ritz, Rep. American Gas Association, MD
Joseph Zaroni, Baker Engineering & Risk Consultants, TX

Alternates :

Dale Edlbeck (voting alternate), Tyco/ANSUL, WI
Jeffrey Beale, CH-IV International, MD
John Blanchard, CB&I, IL
Leo Campos, American Bureau of Shipping, TX
Filippo Gavelli, GexCon US, MD
Kenneth Smith, US Coast Guard, DC

Guests :

Terry Turpin, FERC
Andrew Kohout, FERC
Bernard Leong, Kellogg, Brown & Root (KBR)

II. Minutes of Meeting:

1. **Call to order.** The meeting was called to order at 8:30 a.m. on April 27, 2011.
2. **Introduction.** The Committee members and guests introduced themselves and identified their affiliation.
3. **Approval of the Minutes.** The minutes of the February 2010 and June 2010 ROP meetings were approved as written.
4. **Staff Liaison Report.** The NFPA Staff Liaison reviewed the membership changes since the last meeting and gave a presentation on NFPA regulations and policies.
5. **Old Business.** There was no old business to discuss.
6. **New Business.** The Committee reviewed and acted on the public comments and created five committee comments affecting the standard. Committee actions will be presented in the Fall 2011 Report on Comments (ROC) to be sent to all members and submitters of comments. Anyone else who would like to receive a free copy can view or download the ROC from the document information page, www.nfpa.org/59A.
 - A. **NFPA SI Conversion Policy.** The committee requested that NFPA Staff locate and provide the NFPA policy of units and conversions. The NFPA Manual of Style, available for free download from <http://www.nfpa.org/assets/files/PDF/MOS1-3.pdf>, contains requirements for units and conversion in chapter 4, with additional material in Annex A and B.
 - B. **Fire Protection Task Group.** The committee established a task group to review other NFPA documents and recommend revisions to the definition and annex material on Fire Protection. The task group members are: A. Kahout – Chair; D. Edlbeck; J. Jablonski; B. Leong; J. Regan.
 - C. **Fire Analysis for Roof Loss Task Group.** The committee established a task group to review current fire analysis requirements for roof loss and develop recommendations to differentiate between steel and concrete construction. Task group members are: C. Hanskat – Chair; J. Blanchard; J. Beale; D. Coers; F. Katulak; B Leong; and J. Lewis.
7. **ISO TC 67, Working Group 10 Update/Comments.** Mr. Bowdoin encouraged committee members to review the draft UN document as it may be published and available as a further reference for the next revision of NFPA 59A. It was noted that anyone interested in participating in the activities of the working group should contact the U.S. representative to Working Group 10. Mr. Smith volunteered to identify the representative and provide contact information.
8. **Advisory Service.** The committee reviewed the advisory service question and staff interpretation provided with the agenda. It was noted that in the U.S., it is prohibited by federal regulation to discharge into a waterway, but the submitter was located in Australia. No further action is required on this item.

- 9. Offshore LNG Facilities Standard.** At their March 2011 meeting, the NFPA Standards Council approved the request to develop a new standard for offshore LNG facilities. The committee established a task group to begin development of the new standard. Task group members are: K. Smith – Co-Chair; L. Campos – Co-Chair; L. Bowdoin; D. Coers; B. Eisentrout; M. Fessenden; F. Gavelli; C. Hanskat; B. Leong; G. Poe; M. Sparks; and J. Zanoni. Chairman Jablonski and Secretary Hoffmann will monitor the activities of this task group.
- 10. Next Meeting.** This meeting concludes the committee work for the Fall 2011 revision cycle. The next meeting will be scheduled as necessary.
- 11. Adjournment.** The meeting adjourned at 1:15 p.m. on April 28, 2011.