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Date: Tue, 20 Jan 2004 10:48:44 -0500
From: "Orville M. Slye, Jr." <lcainc@erols.com>
Reply-To: ombudslsye@losscontrolassociates.com
Organization: Loss Control Associates, Inc
X-Mailer: Mozilla 4.75 [en] (Win98; U)
X-Accept-Language: en
To: "Kuckertz", 'Tom' <kuckertz@pwsrca.org>
Subject: Status Report VMT Tank Study
X-Spam-Status: No, hits=-4.8 tagged_above=-999.0 required=3.0 tests=BAYES_00,
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Tom - I have prepared an overview of the Hazard Review conducted at Alyeska January 13-15, 2004 to provide a summary of where we are at this time and my overall impression of last weeks activity. I believe the study was most important and due to its pre-preliminary study timing, an indication of the acceptance of RCAC input to this important phase of work at VMT. Call me if you have any questions.

VMT Reconfiguration Tank Fire Safety Study January 13-15,2004.

A risk and hazard assessment meeting was held to identify major hazards associated with the conversion of the cone roof storage tanks in the Valdez Marine Terminal (VMT) to internal floating roof (IFR) tanks a potential under consideration as part of the VMT a Reconfiguration Study. Tank conversion is being considered in the conceptual studies conducted for a possible VMT Reconfiguration.

The study was originally purposed as a Risk Analysis of changes to the facility. However, such a study was determined to be undesirable due to the lack of sufficient engineering data on changes and the need for a wider range of participants representing the full breadth of skills and backgrounds that such a study would require. The study participants favored an overall review of operations, fire protection and prevention instead of a derailed study of conceptual configurations. The focus of the review was centered on the identification of hazards and concerns about fire protection, safety and operational concerns.

The meeting provided participants which included representatives of the Alaska State Fire Marshals Office, RCAC (Represented by O. M. Slye, Jr, PE of Loss Control Associates), Alyeska personnel from Fire Protection, operations and engineering, consultants to Alyeska in engineering and fire protection engineering, and Owners Representatives to have a review of key fire safety issues of a number of alternative conceptual concepts and arrangements prior to the beginning of preliminary engineering. Such a review is unusual in the early stages of a major project and provided a unique means to define fire protection and operational concerns associated with a major change in the configuration of a world class storage tank facility.

The effort by the Conceptual Study Team underscores the effort being taken by Alyeska to incorporate fire protection and safety issues in the early planning and design efforts for any potential changes at VMT. The review provided the Reconfiguration Team with an insight to the key issues associated with fire safety and operational issues resulting from changes to the

storage tanks and marine pier operations. A third party consultant in hazard and risk studies facilitated the review.

A detailed report consisting of a summary of the meeting, a listing of Specific Issues to be considered for conversion of the VMT Crude Tanks, and Fire Protection Considerations for the Storage Tank Conversion will be issued by Capstone, the Third Party Consultant in approximately a week. When the report is released, team members will review the report and when confirmation of the report is obtained from all participants, the report will be forwarded to the sponsoring organizations for the participants. LCAI will forward the report to RCAC at that time.

Thank you for the opportunity to participate in this key fire safety study. I will keep you advised of any additional reports and comments resulting from the study. Regards – Bud Slye
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