

Nov 1998 13:45:24 -0600

From: Meredith Brown <racer@lanl.gov>

Subject: **Yellow Alert: Employee Pulled Under Boom Truck**

Title: EMPLOYEE PULLED UNDER BOOM TRUCK WHILE PERFORMING FUELING ACTIVITIES

Identifier: WSSRAP-98-060

Date: 10/30/98

Lessons Learned Statement: (1) Communicate job assignments to all craft. (2) Supervision must know training qualifications of personnel given assignments. (3) Train necessary employees to particular job assignments. (4) Plan adequately for weekend and off shift activities.

Discussion of Activities: On September 5, 1998, grout boom trucks were to be fueled by a combination fuel/grease truck. The teamsters have been fueling the equipment. However, this was a weekend activity, and the normal teamsters were not onsite. Two operating engineers and one laborer were doing the fueling. After one tank on a boom truck had been filled, the laborer placed the hose under the truck and walked in front of the boom truck to pull the hose through and fill the second tank. The operating engineer in the fuel truck started to pull away, and the laborer, who was holding the hose, was pulled under the truck. The employee struck his head on the ground; he became semiconscious and sustained a laceration to the head. An ambulance was requested, the area was secured, and operations were stopped.

Recommended Actions:

The site revised their Safe Work Plan to specify that: (a) only teamsters authorized to refuel equipment, (b) fuel truck tires will be chocked during fueling, (c) no personnel will be permitted in fuel truck during fueling. After fueling is completed, the hose will be wheeled in, the chocks will be removed, and the fuel truck will proceed to the next piece of equipment. All shifts were re-instructed on the Safe Work Plan revision and event review.

Originator: Mike Mitchell, Safety Manager

Weldon Spring Site Remedial Action Project (WSSRAP)

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Priority Descriptor: Yellow(Caution)

DOE Functional Category: Training and Qualifications

User-Defined Functional Category: Management, Operations, Safety

Keywords: boom truck, fueling, safe work plan, training

References: Occurrence Report ORO-WSSRAP-1998-032