

## Summary Report of Occurrences Reviewed From April 14 – 18, 2008

**Summary:** 33 occurrences at 15 sites reviewed during this period.

### **Significant Occurrences (4)**

#### **Injuries – 1 occurrence at 1 site**

- **SC – Stanford Linear Accelerator Center (Significance Category 3).** On April 9, a subcontract worker sustained a hand injury when a wire cage failed while lifting a 3,000-pound tote filled with Shotcrete accelerant onto a box truck for removal from the site. When the rigging failed, the load dropped 18 to 24 inches and caught the worker's hand between the load and a secondary containment vessel. Operations were stopped and the worker was transported to the Stanford Emergency Room. The worker's left hand was "de-gloved" (skin peeled back from the wrist to the knuckles), ring finger was fractured, and there appears to be ligament damage. The skin flap was sewn back in place, and the contractor placed on restricted duty. It appears the load was not properly rigged. An accident investigation will be conducted.

#### **Near Misses – 1 occurrence at 1 site**

- **EM – Idaho National Laboratory (Significance Category 3).** On April 14, an ironworker was involved in a near miss when the jib boom he was helping to remove and stow on a 90-ton mobile crane, slipped off of a securing pin and dropped 8 feet to the ground, missing the ironworker by 2 to 3 feet. All crane work on the Integrated Waste Treatment Unit construction project was suspended. A bolt was found in the wrong place, which could have caused enough misalignment that the jib came off the spring pin and fell to the ground. A representative from Mullen Crane was called onsite to review details of incident, perform visual inspection of the crane and jib involved with the incident, and provided briefings to work crews. Suspension of crane operations was lifted following completion of Mullen's activities.

#### **Industrial Operations – 2 occurrences at 2 sites**

- **NA – Los Alamos National Laboratory (Significance Category 3).** On April 11, while reviewing the annual crane inspection reports for Technical Area 3, Building SM-38, the facility coordinator identified three overhead bridge cranes that had failed their annual inspections. A subcontractor crane inspector had performed the annual inspections on April 2nd and 4th, 2008. One of the cranes, a 1-ton bridge crane, CTO-06, had failed its inspection since 2006. The deficiencies identified at that time rendered the crane unsafe for use, yet the crane was never locked or tagged out and was currently in use by metals fabrication shop personnel. Subsequent review found that there was confusion between the facility and program management about equipment ownership. Upon notification, the facility coordinator placed all three cranes out of service pending the correction of their deficiencies and re-certification.
- **EM – Hanford Site, Remedial Actions Projects (Significance Category 3).** On April 9, while a driver was loading an empty waste container onto a shuttle truck, the hoisting cable broke. The free end of the cable broke out a rear window on the passenger side of the truck, and the waste container came to rest about 5 feet behind the truck. When the container was

being loaded, the driver ran the hydraulics for some time with the container on the stops, which allowed hydraulic pressure to build up until the cable broke. A fact finding meeting was scheduled.

**Other Occurrences (29).** See Table (Note: The Table includes the occurrences listed above).

Occurrence Category	Number of Occurrences				Number of Sites
	E&E	NNSA	SC	DOE Total	
Injury - Industrial Hygiene/Occupational Safety	1	1	3	5	5
Near Miss	1	0	0	1	1
Authorization Basis	1	2	0	3	3
Radiological Concerns	2	0	1	3	3
Environmental	1	2	1	4	4
Fire Safety	0	2	1	3	3
Shipping/Quality Assurance	0	0	0	0	0
Criticality Concerns	0	0	0	0	0
Industrial Operations	2	1	0	3	3
Conduct of Operations	0	2	2	4	4
Electrical Safety	0	1	0	1	1
Vehicle Accident	0	0	0	0	0
Equipment Failures	0	4	1	5	3
Safeguards and Security	0	0	0	0	0
Suspect & Counterfeit Parts	1	0	0	1	1
Other	0	0	0	0	0
<b>Total</b>	<b>9</b>	<b>15</b>	<b>9</b>	<b>33</b>	

### Secretarial Office Summary

National Nuclear Security Administration	15 occurrences	(4 sites)
Office of Environmental Management	8 occurrences	(5 sites)
Office of Fossil Energy	1 occurrence	(1 site)
Office of Science	9 occurrences	(5 sites)