

Summary Report of Occurrences Reviewed

From March 26 – 30, 2007

Summary: 38 occurrences at 16 sites reviewed during this period.

Significant Occurrences (9)

Vehicle Accident Fatality – 1 occurrence at 1 site

- **NA – Sandia National Laboratory (Significance Category 1).** On March 27, 2007, an employee was killed while riding a motorcycle from home to the airport on company travel. The accident occurred on Highway 580 and involved a truck.

Near Misses – 3 occurrences at 3 sites

- **EM – Hanford Site (Significance Category 3).** On March 26, 2007, a worker stepped off of temporary plywood flooring onto the original roof while retrieving scaffold planking, breaking through a roof panel with his leg up to the calf. He was not injured.
- **SC – Lawrence Berkeley National Laboratory (Significance Category 3).** On March 19, 2007, a subcontractor electrician installed two conduits in an energized panel in violation of lockout/tagout and hot work procedures, and the safety plan,
- **SC – Princeton Plasma Physics Laboratory (Significance Category 3).** On March 23, 2007, a computer technician cut into an energized 125V power cable while removing data cables and caused a flash. The technician was not injured and a Stop Work Order was initiated.

Occupational Safety/Industrial Hygiene – 1 occurrence at 1 site

- **NA – Lawrence Livermore National Laboratory (Significance Category 3).** On March 23, 2007, welders were exposed to manganese fumes measuring 0.27 mg/m^3 as an 8-hour time-weighted average, which exceeds the American Conference of Governmental Industrial Hygienists Threshold Limit Value of 0.2 mg/m^3 . All metallic inert gas welding has ceased in the area until workers receive respiratory protection and institute local exhaust ventilation controls.

Environmental Compliance – 3 occurrences at 3 sites

- **EM – Hanford Site (Significance Category 3).** On March 28, 2007, the U.S. Environmental Protection Agency (EPA) notified the DOE Richland Operations Office (DOE-RL) of its intent to levy a \$1.14-million-dollar civil penalty for two alleged significant violations at the Environmental Restoration Disposal Facility (ERDF). The alleged violations include failure to inspect the ERDF leachate collection system and the failure to perform required compaction testing. [Note: Subcontractor falsification of compaction data had previously been reported at ERDF.]
- **EM – Idaho National Laboratory (Significance Category 2).** On March 22, 2007, an estimated 3,900 gallons of fuel oil spilled when an operator failed to secure the proper valves to the tank while filling a temporary boiler tank. The spill was stopped by shut-ting valves and turning off the fuel oil pump. Absorbent was spread to contain the spill.
- **SC – Lawrence Berkeley National Laboratory (Significance Category 3).** On March 13, 2007, the California Department of Toxic Substances Control (DTSC) issued a Consent Order (CO) to the Laboratory resulting in a civil penalty of \$28,000 for environmental violations identified during previous DTSC inspections performed in April 2003, March 2004, and June 2005. The violations were corrected and the Laboratory has accepted the CO.

Electrical Safety – 1 occurrence at 1 site

- **EM – River Protection Project (Significance Category 3).** On March 27, 2007, during a safety walkdown a subcontract safety representative, observing a cord had some fraying and believing the cord to be de-energized, cut the female end of an energized 110-volt electrical cord with a box cutter causing an electrical arc, damage to the box cutter, and tripping the breaker. The representative was not shocked.

Other Trends of Interest

- ***Recurring Safety Significant Equipment Failures at Pantex.*** The Pantex Site reported three separate occurrences of receiving a trouble signal from the fire alarm control panel at a facility in Pantex Zone 12 South due to a degraded performance condition of the safety significant LaMarche battery charger. A total of five such occurrences have been reported in 2007.

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	2	1	2	5	5
Near Miss	2	1	2	5	5
Authorization Basis	1	2	0	3	3
Radiological Concerns	4	1	0	5	4
Environmental	2	1	2	5	4
Fire Safety	0	3	0	3	1
Shipping/Quality Assurance	1	0	0	1	1
Criticality Safety	0	0	0	0	0
Industrial Operations	0	0	0	0	0
Conduct of Operations	1	1	0	2	2
Electrical Safety	1	0	0	1	1
Vehicle Accidents	0	1	0	1	1
Equipment Failures	3	4	0	7	4
Safeguards and Security	0	0	0	0	0
Suspect & Counterfeit Parts	0	0	0	0	0
Total	17	15	6	38	

Secretarial Office Summary

National Nuclear Security Administration	15 occurrences	(5 sites)
Office of Environmental Management	15 occurrences	(6 sites)
Office of Nuclear Energy	1 occurrence	(1 site)
Office of Science	6 occurrences	(3 sites)
Office of Civilian Radioactive Waste Management	1 occurrence	(1 site)