

Summary Report of Occurrences Reviewed

From April 2 – 6, 2007

Summary: 23 occurrences at 13 sites reviewed during this period.

Significant Occurrences (7)

Injury – 1 occurrence at 1 site

- **SC – Fermi National Accelerator Laboratory (Significance Category 3).** On March 29, 2007, an employee was using an Allen wrench to tighten a blade in a cutting tool when the wrench slipped causing a serious laceration of the employee's thumb and tendon. The employee was treated offsite and will require surgery.

Near Misses – 3 occurrences at 3 sites

- **EM – Hanford Site (Significance Category 3).** On March 23, 2007, a Security Police Officer dropped his 9mm handgun when it caught on the top strap portion of his holster during weapons training. As the handgun struck the concrete pad, it discharged a live round down range. A cease fire was called. An inspection found the Heckler & Koch P-7 handgun had a worn drop catch safety.
- **EM – Paducah Gaseous Diffusion Plant (Significance Category 3).** On March 29, 2007, workers used a fork lift to pull a B-25 box from a damaged intermodal container when one of the box's lifting brackets broke off and was thrown 40 to 45 feet, narrowly missing an operator and health physics technician. Work activities were stopped.
- **NA – Sandia National Laboratory (Significance Category 3).** On April 3, 2007, a boom box was damaged during testing of an optical detonator with an explosive rating that greatly exceeded the boom box's capacity. The detonation produced a notable crack in the boom box's lid and bent its clamps.

Environmental Compliance – 3 occurrences at 3 sites

- **NA – Los Alamos National Laboratory (Significance Category 3).** On April 2, 2007, 200 to 500 feet of wiring containing 130 parts per million (ppm) of Polychlorinated Biphenols (PCBs) removed during electrical deconstruction activities was transported to Sandoval County Landfill. The PCB quantity exceeded the New Mexico State regulated limit of 50 ppm. The Sandoval County Landfill and the New Mexico Environmental Department were verbally notified.

Electrical Safety – 2 occurrences at 2 sites

- **NA – Lawrence Livermore National Laboratory - Nevada (Significance Category 3).** On March 21, 2007, workers performed maintenance on high-voltage boiler equipment without wearing the required personal protective equipment (PPE), and may not have followed the LO/TO requirements for this work. The pre-task hazard reviews did not identify all of the PPE that was indicated in the job plans.
- **NA – Lawrence Livermore National Laboratory (Significance Category 3).** On March 21, 2007, two electricians performing repairs on emergency lighting cut the neutral wire on a ballast, and noticed the normal lighting going off in their work area. The electricians discovered a shared neutral between the emergency power and the normal power circuits. Since performing further work on the circuits would be beyond the approved scope of work, the electricians immediately returned the emergency lights to their original state, re-energized the lighting, and made notifications. No injuries or shock occurred. The electricians performed work within required work procedures and wore the prescribed PPE. *[Note: This event is highlighted as a Positive Event because the electricians correctly responded to the situation and took all appropriate actions.]*

Other Occurrences (16). 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	0	1	1	2	2
Near Miss	2	1	0	3	3
Authorization Basis	2	2	0	4	3
Radiological Concerns	2	1	0	3	3
Environmental	0	1	0	1	1
Fire Safety	0	0	0	0	0
Shipping/Quality Assurance	0	0	0	0	0
Criticality Safety	0	0	0	0	0
Industrial Operations	0	0	0	0	0
Conduct of Operations	0	2	1	3	2
Electrical Safety	0	2	0	2	2
Vehicle Accidents	0	0	0	0	0
Equipment Failures	0	3	1	4	3
Safeguards and Security	0	0	0	0	0
Suspect & Counterfeit Parts	0	1	0	1	1
Total	6	14	3	23	

Secretarial Office Summary

National Nuclear Security Administration	14 occurrences	(6 sites)
Office of Environmental Management	4 occurrences	(3 sites)
Office of Nuclear Energy	1 occurrence	(1 site)
Office of Science	3 occurrences	(3 sites)