

Summary Report of Occurrences Reviewed

From October 6 – 13, 2006

Summary: 38 occurrences at 15 sites reviewed during this period.

Significant Occurrences (8)

Occupational Safety/Industrial Hygiene Concerns – 2 occurrences at 2 sites

- **Y-12 Plant (Significance Category 3)**. On October 5, 2006, operators observed unexpected hydrogen fluoride vapors after opening the doors of the vaporizer enclosure to a scrubber system. Appropriate alarms were activated, the area was evacuated.
- **SC – Pacific Northwest National Laboratory (Significance Category 3)**. On October 6, 2006, a small amount of perchlorate salt solution unexpectedly reacted during a container transfer in a fume hood, causing minor facial cuts and ringing in the ears of two individuals performing the experiment. Both were wearing safety glasses with side shields. The individuals received first-aid treatment.

Near Misses – 4 occurrences at 4 sites

- **NE – Idaho National Laboratory (Significance Category 3)**. On October 9, 2006, subcontract personnel moving a 4,000-pound door lost control causing the door to lodge itself in the door frame at approximately a 45-degree angle. There were no personnel injuries.
- **FE – Strategic Petroleum Reserve (Significance Category 4)**. On October 10, 2006, a subcontract employee spraying herbicide from a tractor was pinned under the tractor's canopy when the tractor rolled over. Several employees responded and were able to lift the tractor to an upright position and free the operator. The employee was treated at a local hospital, and released with no injuries.
- **RP – 222-S Analytical Laboratory (Significance Category 3)**. On October 10, 2006, a two-vehicle accident occurred when a forklift transporting two new 4x3x8-foot steel waste container boxes on its tines collided with a government vehicle (Chevy Blazer). The impact dislodged the upper-tier box which fell onto the hood of the Blazer, coming to rest on its windshield. Both operators were wearing seat belts and there were no personnel injuries.
- **EM – Savannah River Site (Significance Category 3)**. On October 11, 2006, a major safety violation occurred during handgun qualification at the Security Protective Force live-fire range when a security officer drew his handgun and fired one round at his assigned target while an instructor was downrange repairing a target. There were no personnel injuries.

Environmental Compliance Concerns – 2 occurrences at 2 sites

- **Los Alamos National Laboratory (Significance Category 4)**. On September 15, 2006, the New Mexico Environmental Department (NMED) issued a Notice of Violation (NOV) for alleged failure to promptly report chromium contamination detected in a groundwater monitoring well in Mortandad Canyon. The NOV included a proposed civil penalty of \$795,620. The NOV described an alleged violation of an earlier Consent Order regarding elevated levels of chromium in 2005, which LANL had reported to NMED in December 2005.
- **RL – Remedial Action Projects (Significance Category 4)**. On September 18, 2006, the site received an NOV from the Washington State Department of Ecology (WDOE) regarding four alleged significant environmental cleanup violations in the 100-D Area, following a WDOE inspection conducted in June 2006. The alleged violations included non-reporting of two significant sodium dichromate spills, insufficient surveying for radiological/chemical contaminants, failure to set aside anomalous waste and material above cleanup levels, and failure to verify that Remedial Action Objectives were met prior to placing backfill into excavations.

Other Occurrences (30). See Table (Note: The Table includes the occurrences listed above).

Occurrence Category	Number of Occurrences			Number of Sites
	NNSA	ESE	DOE Total	
Injury – Industrial Hygiene/Occupational Safety	0	1	1	1
Near Miss	0	4	4	4
Authorization Basis	2	2	4	3
Radiological Concerns	1	2	3	3
Criticality Concerns	1	1	2	2
Environmental	1	3	4	4
Fire Safety	0	1	1	1
Industrial Hygiene/Occupational Safety	1	2	3	2
Conduct of Operations	0	1	1	1
Equipment Failures	4	3	7	3
Electrical Safety	0	4	4	4
Suspect & Counterfeit Parts	1	0	1	1
Industrial Operations	2	1	3	3
Total	13	25	38	

Secretarial Office Summary

National Nuclear Security Administration	13 occurrences	(5 sites)
Office of Environmental Management	17 occurrences	(5 sites)
Office of Science	4 occurrences	(4 sites)
Office of Nuclear Energy	3 occurrences	(2 sites)
Office of Fossil Energy	1 occurrence	(1 site)