

Summary Report of Occurrences Reviewed

From May 28 – June 1, 2007

Summary: 18 occurrences at 12 sites reviewed during this period.

Significant Occurrences (7)

Safeguards and Security/Radiological Control -1 occurrence at 1 site

- **SC – Pacific Northwest National Laboratory (Significance Category 3).** On May 24, 2007, five sealed cobalt-57 sources (about 18 microcuries total), attached to the front of a truck for radiation portal monitoring testing at PNNL were temporarily lost offsite when the truck went to refuel and the fixture containing the sealed sources fell off. The fixture was found beside the road about 1.5 miles from the portal monitoring site. The sources were intact with no damage or leakage.

Explosives Safety – 1 occurrence at 1 site

- **NA – Lawrence Livermore National Laboratory (Significance Category 3).** On May 29, 2007, a routine chemical storage inspection discovered five grams of trinitrotoluene (TNT) in a building not authorized for storage of explosives or explosive operations. Subsequently the material was transported to an approved explosives facility for further analysis and storage.

Industrial Hygiene – 1 occurrence at 1 site

- **NA – Y-12 Site (Significance Category 4).** On May 25, 2007, while using a powered impact wrench to remove the flange bolts on a steam system distribution valve, workers inadvertently damaged asbestos pipe insulation that fell onto the scaffold supporting the workers. The workers stopped work, and contacted their supervisor. The workers badges and shoes were wet-wiped and their coveralls double bagged before showering. Less than one pound of material containing 30-50% amosite (asbestos) was vacuumed and bagged.

Environmental Compliance – 3 occurrences at 2 sites

- **NA – Los Alamos National Laboratory (Significance Category 4).** On October 18, 2006, the Environmental Protection Agency (EPA) identified possible violations to the Clean Water Act following an inspection of the Security Perimeter Construction Project at Los Alamos National Laboratory. The EPA issued Administrative Orders (AO's) to Los Alamos National Security, LLC (LANS) and to the construction subcontractor performing the work, alleging documentation omissions on storm water inspections and pollution prevent plans. The AO's do not assess a monetary penalty and the issues have since been resolved.

Other Occurrences (14). 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	0	1	1
Near Miss	0	0	0	0	0
Authorization Basis	3	1	1	5	3
Radiological Concerns	0	0	0	0	0
Environmental	2	1	0	3	3
Fire Safety	0	1	0	1	1
Shipping/Quality Assurance	0	0	0	0	0
Criticality Safety	0	0	0	0	0
Industrial Operations	0	1	0	1	1
Conduct of Operations	1	1	0	2	2
Electrical Safety	1	1	0	2	2
Vehicle Accidents	0	0	0	0	0
Equipment Failures	1	0	0	1	1
Safeguards and Security	0	0	1	1	1
Suspect & Counterfeit Parts	1	0	0	1	1
Other	0	0	0	0	0
Total	9	7	2	18	

Secretarial Office Summary

National Nuclear Security Administration	7 occurrences	(6 sites)
Office of Environmental Management	4 occurrences	(3 sites)
Office of Science	2 occurrences	(2 sites)
Office of Nuclear Energy Science and Technology	4 occurrences	(1 site)
Office of Fossil Energy	1 occurrence	(1 site)