

Summary Report of Occurrences Reviewed *From October 29 – November 2, 2007*

Summary: 20 occurrences at 13 sites reviewed during this period.

Significant Occurrences (5)

Near Miss – 1 occurrence at 1 site

- **NA – Los Alamos National Laboratory (Significance Category 3).** On October 27, a loaded 40 caliber handgun discharged while a security police officer was putting it into its holster. The discharged bullet exited through the side of the holster, hit the pant leg of another officer, exited the cuff, and lodged in the floor. No injuries resulted. Preliminary investigation indicated that the handgun, with a flashlight attached below the barrel, may have hung up on the holster. The Laboratory Director has appointed an investigation team to review the event.

Injury – 2 occurrences at 2 sites

- **EM – Hanford Site, Office of River Protection (Significance Category 4).** On October 25, a pipefitter was injured in the mouth/jaw area when struck by a “duck bill” spreader attachment used with a manual portable hydraulic power jack assembly. The equipment was being used to bring the inside diameter of pipe hanger guides into specification. While the pipefitter was bending over to check the spread of the hanger guide with a measuring tape, the attachment suddenly popped loose, shot through the hanger guide and struck him on the right side of his face, creating an abrasion and chipping one tooth and loosening another. The pipefitter was transported to a local hospital for evaluation and treatment. An investigation was initiated.
- **EM – Hanford Site, Richland Operations Office (Significance Category 3).** On October 24, while loading pallets of empty 85-gallon drums into a box trailer, two teamsters held a length of 4 x 6 wood against the edge of the pallet while the warehouse storekeeper used a forklift to push the pallets inward to allow door closure. The piece of wood twisted and pinched one of the teamster's fingers between the wood and the pallet. The injured teamster was taken to First Aid and subsequently to the local off Site hospital. The teamster was diagnosed with a fractured finger and a laceration requiring 14 sutures to close. A critique was performed.

Safeguards and Security/Material Control – 1 occurrence at 1 site

- **NA – Los Alamos National Laboratory (Significance Category 3).** On October 1, two radioactive sealed sources were discovered missing during an inventory at TA18. One of the missing sources is a 140 microcurie Cobalt 60 source and the other one is a 25 microcurie Holmium 166m source. Initial attempts to locate the sources were unsuccessful. The last time the two missing sources were inventoried was in February 2005. A wall-to-wall inventory at TA18 is planned to attempt to locate the two missing sources. The Institutional Facilities and Central Services security officer was notified and the security inquiry team was contacted. The LANL Communications Office was notified to address any potential media inquiries to the event.

Environmental Compliance – 1 occurrence at 1 site

- **EM – Pacific Northwest National Laboratory (Significance Category 4).** On October 24, the Washington State Department of Ecology notified DOE-RL that it intends to issue a

Notice of Violation for the operation of two leased, non-road, diesel engines that are located at Building 336. During the period of July 3, 2007 until July 19, 2007, the two Tier 1 diesels were operated contrary to the approval order that requires EPA Tier 2 emission standard certification. PNNL identified the error, ceased operation, and self disclosed the error to Ecology on July 25, 2007. On August 1, 2007, PNNL placed a contract for two Tier 2 compliant diesel powered air compressors. A critique was held on October 26, 2007.

Other Occurrences (15). 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	0	0	2	2
Near Miss	1	1	0	2	2
Authorization Basis	4	0	0	4	2
Radiological Concerns	0	1	0	1	1
Environmental	0	0	1	1	1
Fire Safety	0	0	0	0	0
Shipping/Quality Assurance	0	0	0	0	0
Criticality Concerns	0	0	0	0	0
Industrial Operations	1	0	0	1	1
Conduct of Operations	0	1	0	1	1
Electrical Safety	0	1	0	1	1
Vehicle Accident	0	0	0	0	0
Equipment Failures	0	3	0	3	1
Safeguards and Security	0	1	0	1	1
Suspect & Counterfeit Parts	2	1	0	3	2
Other	0	0	0	0	0
Total	10	9	1	20	

Secretarial Office Summary

National Nuclear Security Administration	9 occurrences	(5 sites)
Office of Environmental Management	8 occurrences	(6 sites)
Office of Nuclear Energy, Science and Technology	2 occurrences	(1 site)
Office of Science	1 occurrence	(1 site)