

Summary Report of Occurrences Reviewed From August 31 – September 4, 2009

Summary: 36 occurrences at 16 sites reviewed during this period.

Occurrences of Significant Interest (2)

Near Miss – 1 occurrence at 1 site

- **EM – Hanford Site (Significance Category 4).** On August 28, a weapon owned by an off-duty law enforcement officer, who was contracted to provide training, accidentally discharged during a Pacific Northwest National Laboratory training course. The accidental discharge occurred during the concealed weapons demonstration portion of an International Border Security Training course at the Volpentest HAMMER Training and Education Center. The students were Border Security Guards from the country of Tajikistan. At the end of the demonstration, the officer put the weapons on a table and invited a few students up to the table as other students dispersed. The officer was unaware that one of his pistols was loaded. While one of the students was handling the loaded pistol, it accidentally discharged. The bullet went through the handle of the other pistol on the table, ricocheted upward off the table, went through a ceiling tile and came to rest on a ceiling light fixture. There were no injuries. The scene was isolated and a preliminary investigation was immediately performed by the Hanford Patrol.

Electrical Safety – 1 occurrence at 1 site

- **NA – Los Alamos National Laboratory (Significance Category 3).** On September 1, an energized 480-volt conduit was cut when two workers were performing a Class 2 (> 1.5 inches) penetration into a concrete floor in the basement of Technical Area 15, Building 183. Utility location had been performed, using two different methods, in accordance with LANL procedures. However, the conduit was not identified by either utility location method. Work documentation reflected the potential electrical hazard associated with a blind penetration into concrete and appropriate hazard controls were in place including properly rated dielectric gloves, boots, and Ground Fault Circuit Interrupter protected equipment. The mason who was performing the cut observed a spark and recognized he had hit an energized conduit. He immediately turned off the saw and made proper notifications. There was no impact on worker safety, health or the environment. Drawings that were available on the LANL internet showed the conduit but the drawings were not reviewed. Work was paused and an investigation is ongoing.

Other Occurrences (34). 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	3	1	6	6
Near Miss	2	1	0	3	3
Authorization Basis	2	2	0	4	4
Radiological Concerns	1	3	0	4	2
Environmental	0	0	1	1	1
Fire Safety	0	0	0	0	0
Shipping/Quality Assurance	0	0	0	0	0
Criticality Concerns	1	0	0	1	1

Occurrence Category	Number of Occurrences				Number of Sites
	E&E	NNSA	SC	DOE Total	
Industrial Operations	0	0	0	0	0
Conduct of Operations	2	3	1	6	5
Electrical Safety	2	2	1	5	4
Vehicle Accident	0	0	0	0	0
Equipment Failures	1	0	1	2	2
Safeguards and Security	0	0	0	0	0
Suspect & Counterfeit Parts	4	0	0	4	2
Other	0	0	0	0	0
Total	17	14	5	36	

ORPS Significance Categories	OE	SC1	SC2	SC3	SC4	R
Totals for the Week:	0	0	2	18	16	0

Secretarial Office Summary

National Nuclear Security Administration	14 occurrences	(5 sites)
Office of Environmental Management	14 occurrences	(6 sites)
Office of Nuclear Energy	3 occurrences	(1 site)
Office of Science	5 occurrences	(4 sites)