

Summary Report of Occurrences Reviewed From July 13 – 17, 2009

Summary: 27 occurrences at 13 sites reviewed during this period.

Significant Occurrences (1)

Industrial Hygiene Exposure – 1 occurrence at 1 site

- **NA – Los Alamos National Laboratory (Significance Category OE).** On July 8, 2009, a TA-35 principal investigator (PI) heard a loud popping sound in a laboratory and found an acid waste container had over-pressurized and violently ruptured, shattering an adjacent 4-liter glass bottle containing 67 percent by weight nitric acid in water. The PI observed brownish fumes emitting from the fume hood area and immediately left the laboratory. After the fumes cleared, the PI and a second PI re-entered the laboratory and placed a neutralizing absorbent from the acid spill kit on the affected area and notified emergency response personnel and facility management. After arrival of the hazardous material team, a team member observed a second set of brownish fumes. An Operational Emergency at the Alert Level was declared because of the second chemical reaction and the unknown conditions in the laboratory. The PIs were transported for medical evaluation and released with no restrictions. The laboratory was placed in a safe configuration and additional clean-up was completed. An investigation is ongoing.

Other Occurrences (26). 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	1	2	0	3	3
Near Miss	0	1	0	1	1
Authorization Basis	1	2	0	3	3
Radiological Concerns	0	2	2	4	4
Environmental	0	0	0	0	0
Fire Safety	1	2	1	4	3
Shipping/Quality Assurance	0	0	0	0	0
Criticality Concerns	1	0	0	1	1
Industrial Operations	1	0	0	1	1
Conduct of Operations	2	2	0	4	3
Electrical Safety	1	0	0	1	1
Vehicle Accident	0	0	0	0	0
Equipment Failures	1	1	0	2	2
Safeguards and Security	0	0	0	0	0
Suspect & Counterfeit Parts	2	1	0	3	3
Other	0	0	0	0	0
Total	11	13	3	27	

Secretarial Office Summary

National Nuclear Security Administration	13 occurrences	(5 sites)
Office of Environmental Management	10 occurrences	(5 sites)
Office of Nuclear Energy	1 occurrence	(1 site)
Office of Science	3 occurrences	(2 sites)