

Summary Report of Occurrences Reviewed From September 10 – 14, 2007

Summary: 28 occurrences at 15 sites reviewed during this period.

Significant Occurrences (6)

Near Misses – 3 occurrences at 3 sites

- **SC – Stanford Linear Accelerator Center (Significance Category 3).** On September 13, 2007, a carbon steel pipe burst while a subcontractor was performing a hot tap to install a pressure gauge using an acetylene torch. The force of the explosion threw shrapnel 60 feet outward. It is believed that flammable vapor from PVC cement was trapped inside the piping system.
- **NE – Idaho National Laboratory (Significance Category 4).** On September 6, 2007, an operator at the Space and Security Power System Facility (SSPSF) was working with a manipulator when the bracket holding the X motion counterbalance weight failed. The bracket and 28-pound weight fell 8 feet 6 inches to the floor, landing within two feet of the operator and an observer. Work with manipulators at SSPSF has been suspended, and barriers have been installed around the manipulators.
- **SC – Brookhaven National Laboratory (Significance Category 3).** On September 1, 2007, a Brookhaven National Laboratory biologist working in a hood in Building 463 inadvertently ignited the forearm portion of his disposable lab coat while using a Bunsen burner. The flame was immediately extinguished by patting the flames, and there was no injury to the biologist.

Injury – 2 occurrences at 2 sites

- **NA – Pantex Plant (Significance Category 3).** On September 10, 2007, a Plant employee commuting to work in her personal vehicle struck a concrete barrier located about one-fourth mile past the Plant perimeter security portal. The employee had been traveling at a high rate of speed, was not wearing a seatbelt, and was injured as a result of the accident. Plant Fire Department personnel responded and transported the employee to a local hospital for treatment.
- **NA – Y12 Nuclear Security Complex (Significance Category 3).** On September 11, 2007, a sheet metal worker was operating a roller shaping machine when the seam of his glove became caught between the rollers, pulling his finger into the machinery. He immediately reversed the machine, releasing the glove and finger. He was transported to the local hospital where it was found that the end of his finger could not be saved and was removed at the first joint. He returned to work the next day, with restrictions.

Industrial Hygiene Exposure - 1 occurrence at 1 site

- **NA – Sandia National Laboratory (Significance Category 4).** On September 5, 2007, an exothermic reaction was observed coming from a closed hazardous waste can inside Building 858N. The can contained rags that had been used to clean up a nitric acid spill. The 858N Emergency Response Team (ERT) was called and the SNL Emergency Operations Center

was notified. Personnel were asked to temporarily leave the laboratory while the ERT secured and disposed of the hazardous waste can. Two employees were evaluated for headaches and returned to work. Normal operations were reinstated.

Other Occurrences (22). 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	3	1	4	4
Near Miss	1	0	2	3	3
Authorization Basis	2	3	0	5	5
Radiological Concerns	1	1	1	3	3
Environmental	0	1	0	1	1
Fire Safety	0	0	0	0	0
Shipping/Quality Assurance	0	1	0	1	1
Criticality Concerns	0	0	0	0	0
Industrial Operations	0	1	1	2	2
Conduct of Operations	2	1	1	4	4
Electrical Safety	0	0	0	0	0
Vehicle Accident	0	0	0	0	0
Equipment Failures	2	1	0	3	2
Safeguards and Security	0	0	0	0	0
Suspect & Counterfeit Parts	0	2	0	2	2
Other	0	0	0	0	0
Total	8	14	6	28	

Secretarial Office Summary

National Nuclear Security Administration	14 occurrences	(6 sites)
Office of Environmental Management	6 occurrences	(4 sites)
Office of Nuclear Energy, Science and Technology	2 occurrences	(1 site)
Office of Science	6 occurrence	(4 sites)