

Summary Report of Occurrences Reviewed

From January 22 – 26, 2007

Summary: 20 occurrences at 12 sites reviewed during this period.

Significant Occurrences (3)

Near Misses – 1 occurrence at 1 site

- **Sandia National Laboratory (Significance Category 3).** On January 18, 2007, site personnel heard an increased noise level during a routine accelerator shot. Following the firing of a second “dummy: shot the next day, an equipment malfunction caused an unintended "down-line" shot. There was no dose hazard to personnel, and no radiation was produced due to the malfunction.

Radiological Control – 1 occurrence at 1 site

- **Los Alamos National Laboratory (Significance Category 3).** On January 17, 2007, a Technical Area 55 employee received skin contamination and a scratch on his right wrist when his hand slipped while donning a cotton glove over a glovebox glove, and his right forearm struck a lathe cutting tool. The maximum level of skin contamination detected was 10,000 dpm alpha. The employee was taken to site medical and the wound was successfully decontaminated. The employee underwent chelation therapy and was placed on a bioassay program. [Note: This is the third glovebox incident reported at TA-55 since July 2006. There is an open recurring occurrence related to contaminations from glovebox failures at TA-55. In addition, a previous puncture wound during glovebox work was reported on January 9, 2007 at the CMR facility at LANL.]

Criticality Safety – 1 occurrence at 1 site

- **Los Alamos National Laboratory (Significance Category 3).** On January 18, 2007, a cart with 10.8 kilograms of material was brought into a room at Technical Area 55 exceeding the cart's criticality posting limit of 9 kilograms. The room employees immediately stopped work, evacuated the room, and made appropriate notifications. The incident violated laboratory administrative requirements; however, the cart's contents were not a criticality safety threat.

Other Occurrences (17). 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	2	5	5
Near Miss	0	2	0	2	2
Authorization Basis	3	2	0	5	5
Radiological Concerns	0	1	1	2	2
Environmental	0	0	0	0	0
Fire Safety	0	0	0	0	0
Shipping/Quality Assurance	0	0	0	0	0
Criticality Safety	0	1	0	1	1
Industrial Operations	0	0	0	0	0
Conduct of Operations	1	0	0	0	1
Electrical Safety	0	0	0	0	0
Lockout/Tagout – Electrical	0	0	0	0	0
Equipment Failures	1	1	0	2	2
Suspect & Counterfeit Parts	2	1	0	3	3
Total	7	10	3	20	

Secretarial Office Summary

National Nuclear Security Administration	10 occurrences	(5 sites)
Office of Environmental Management	6 occurrences	(5 sites)
Office of Science	3 occurrences	(3 sites)
Office of Nuclear Energy, Science and Technology	1 occurrence	(1 site)