

Summary Report of Occurrences Reviewed From September 22 – 26, 2008

Summary: 26 occurrences at 12 sites reviewed during this period.

Significant Occurrences (1)

Radiological Exposure – 1 occurrence at 1 site

- **NA – Los Alamos National Laboratory (Significance Category 3).** On September 17, a formal Special Dose Assessment report was released concerning a glovebox technician who received a calculated Committed Effective Dose Equivalent (CEDE) of 1.452 rem. This dose resulted from a breached glovebox glove on September 11, 2007, in Room 207 at Technical Area 55, Building PF-4. The glovebox technician had just finished working in the glovebox and self monitoring in the room did not indicate any contamination; however, the PCM-2 monitor alarmed while he exited PF-4. The monitor indicated 20,000 dpm alpha contamination (direct and removable) on the left forearm of his anti-Cs. A radiological control technician surveyed the room and the gloves used and detected 10,000 dpm alpha contamination on the glovebox glove. The technician and two other employees who had been working at that location were placed on a prompt bioassay protocol for Pu-238, which requires collection of a minimum of nine bioassay samples extending over a period of approximately eight months. A critique was held following the event on September 12, 2007 and it was determined to be non-reportable. A second critique was held following issuance of the dose report on September 18, 2008 to review the dose information and confirm the ORPS categorization.

Other Occurrences (25). 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	0	3	3
Near Miss	0	1	0	1	1
Authorization Basis	3	4	0	7	6
Radiological Concerns	1	3	0	4	4
Environmental	0	1	0	1	1
Fire Safety	1	1	0	2	2
Shipping/Quality Assurance	0	0	0	0	0
Criticality Concerns	0	0	0	0	0
Industrial Operations	0	0	0	0	0
Conduct of Operations	3	1	1	5	5
Electrical Safety	0	0	0	0	0
Vehicle Accident	0	0	0	0	0
Equipment Failures	1	0	0	1	1
Safeguards and Security	0	0	0	0	0
Suspect & Counterfeit Parts	2	0	0	2	2
Other	0	0	0	0	0
Total	11	14	1	26	

Secretarial Office Summary

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