

Summary Report of Occurrences Reviewed From April 6 – 10, 2009

Summary: 23 occurrences at 11 sites reviewed during this period.

Significant Occurrences (2)

Injury – 1 occurrence at 1 site

- **SC – Stanford Linear Accelerator Center (Significance Category 4).** On April 3, a 2-ml refrigerated glass vial burst and the shards caused multiple lacerations on a student's face, but no eye injury. The student had removed the vial containing n-methyl formamide and iron thiosulfate from a liquid nitrogen Dewar and placed it on a desk near him, where it burst shortly thereafter. The samples were prepared at the student's university and shipped refrigerated to the Stanford Synchrotron Radiation Laboratory. The student, who was not wearing any PPE, received a complete examination of his throat, face, and eyes for the presence of glass. The student had thought about putting on safety glasses, but they were across the room. Sample vial use was stopped pending an investigation. During the initial fact-finding, investigators learned that this type of reaction with a crimp vial has happened before at the student's university but was not shared with the student.

Near Miss – 1 occurrence at 1 site

- **NA – Los Alamos National Laboratory (Significance Category 3).** On April 1, a subcontractor excavator was removing asphalt to open an excavation when a large piece of asphalt fell from the bucket and hit the cab. The excavator windshield was broken and the cab frame and door were damaged. The operator was not injured. The work area was secured and management notifications were made. A critique was held on April 7, 2009.

Other Occurrences (21). 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	1	1	2	2
Near Miss	0	2	0	2	2
Authorization Basis	1	1	0	2	2
Radiological Concerns	1	0	1	2	2
Environmental	0	0	0	0	0
Fire Safety	0	0	2	2	1
Shipping/Quality Assurance	2	1	0	3	3
Criticality Concerns	0	0	0	0	0
Industrial Operations	1	0	0	1	1
Conduct of Operations	1	0	1	2	2
Electrical Safety	1	0	1	2	2
Vehicle Accident	0	0	0	0	0
Equipment Failures	0	1	1	2	2
Safeguards and Security	1	0	0	1	1
Suspect & Counterfeit Parts	1	1	0	2	2
Other	0	0	0	0	0
Total	9	7	7	23	

Secretarial Office Summary

National Nuclear Security Administration	7 occurrences	(3 sites)
Office of Environmental Management	8 occurrences	(5 sites)
Office of Nuclear Energy	1 occurrence	(1 site)
Office of Science	7 occurrences	(2 sites)