

Summary Report of Occurrences Reviewed From July 20 – 24, 2009

Summary: 17 occurrences at 12 sites reviewed during this period.

Significant Occurrences (1)

Safeguards and Security – 1 occurrence at 1 site

- **SC – Stanford Linear Accelerator Center (Significance Category 3).** On July 20, researchers discovered that science equipment at the Stanford Synchrotron Radiation Lightsource at Building 120, Beam Line 1-5 had been vandalized over the weekend. The vandal targeted protein crystallography sample cartridges stored in liquid nitrogen dewars belonging to the Joint Center for Structural Genomics (an NIH-funded joint project with the Scripps Research Institute). All available cartridges (about 60) were removed from cryogenic storage using a special tool and placed on a table. Thawing ruined approximately 4,000 samples, most of which were archive samples, although approximately 280 samples were in process. The vandal left a handwritten note on top of one of the dewars. The area was secured and the San Mateo County Sheriff's Office was contacted to perform a criminal investigation while SLAC will perform an internal investigation of its own security systems. The estimated loss to NIH is \$500,000.

Other Occurrences (16). 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	2	6	0	8	6
Near Miss	0	0	0	0	0
Authorization Basis	0	0	0	0	0
Radiological Concerns	1	0	0	1	1
Environmental	0	0	0	0	0
Fire Safety	1	0	1	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	0	1	0	1	1
Electrical Safety	1	0	0	1	1
Vehicle Accident	0	0	0	0	0
Equipment Failures	2	0	0	2	2
Safeguards and Security	0	0	1	1	1
Suspect & Counterfeit Parts	0	1	0	1	1
Other	0	0	0	0	0
Total	7	8	2	17	

Secretarial Office Summary

National Nuclear Security Administration	8 occurrences	(4 sites)
Office of Environmental Management	6 occurrences	(5 sites)
Office of Nuclear Energy	1 occurrence	(1 site)
Office of Science	2 occurrences	(2 sites)