

Summary Report of Occurrences Reviewed

From December 8 – 15, 2006

Summary: 22 occurrences at 12 sites reviewed during this period.

Significant Occurrences (2)

Near Miss – 1 occurrence at 1 site

- ***Los Alamos National Laboratory (Significance Category 4).*** On December 12, 2006, a firearms instructor was firing a handgun at a firing range when it exploded in his hands. The firearms instructor was not injured, but felt some soreness in his right hand. The handgun shattered, and the pieces flew everywhere, eventually landing on the ground. The instructor was medically evaluated and released without restriction.

Radiological Skin Contamination – 1 occurrence at 1 site

- ***EM – East Tennessee Technology Park (Significance Category 4).*** On December 5, 2006, two employees were exposed to uranium hexafluoride (UF6)/hydrogen fluoride (HF) gas when the valve seal on a cylinder failed as it was being heated. The UF6/HF gas filled the room within seconds. The employees safely exited the room. The employees were wearing appropriate PPE. However, both employees were found to have skin contamination on their necks, which was successfully removed. Work was stopped, and the facility was placed in a safe condition. The employees were medically evaluated and released with no restrictions.

Other Occurrences (20). See Table (Note: The Table includes the occurrences listed above).

Occurrence Category	Number of Occurrences			Number of Sites
	NNSA	ESE	DOE Total	
Injury – Industrial Hygiene/Occupational Safety	2	0	2	2
Near Miss	1	0	1	1
Authorization Basis	3	2	5	3
Radiological Concerns	1	1	2	2
Environmental	2	1	3	2
Fire Safety	1	0	1	1
Shipping/Quality Assurance	1	2	3	3
Radiological Skin Contamination	0	1	1	1
Industrial Hygiene/Occupational Safety	1	0	1	1
Conduct of Operations	1	0	1	1
Equipment Failures	0	1	1	1
Suspect & Counterfeit Parts	1	0	1	1
Total	14	8	22	

Secretarial Office Summary

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