

Summary Report of Occurrences Reviewed From September 7 – 11, 2009

Summary: 21 occurrences at 10 sites reviewed during this period.

Occurrences of Significant Interest (1)

Industrial Hygiene Exposure – 1 occurrence at 1 site

- NA – Y12 National Security Complex (Significance Category 2).** On September 2, while performing site cleanup activities, an excavator with a shear attachment inadvertently punctured a cylinder while picking it up, resulting in a release of material. The site was evacuated in order to prevent continued exposure to the material, which had the consistency of talc and formed a large cloud. The excavator operator remained in the excavator cab until the dust settled. Notifications were made, and emergency responders arrived on the scene to evaluate evacuated personnel and secure the scene. The excavator operator and other personnel in the area were taken for medical evaluations. Emergency responders in full turn-out gear evaluated the situation, took samples, and determined that the scene could be left overnight pending the results of a sample analysis. The next day, sample results indicated that the material was asbestos. The amount of asbestos released exceeded the Reporting Quantity. A critique was held and emergency interim clean-up activities were initiated. Investigators believe the cylinder is an old acetylene cylinder in which the asbestos was used as a binder with the porous filler material.

Other Occurrences (20). 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	5	0	7	5
Near Miss	0	0	0	0	0
Authorization Basis	0	3	0	3	3
Radiological Concerns	1	1	0	2	2
Environmental	0	0	0	0	0
Fire Safety	1	0	0	1	1
Shipping/Quality Assurance	0	0	0	0	0
Criticality Concerns	0	0	0	0	0
Industrial Operations	2	0	0	2	1
Conduct of Operations	1	1	0	2	2
Electrical Safety	2	0	0	2	2
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	1	0	0	1	1
Other	0	0	0	0	0
Total	11	10	0	21	

ORPS Significance Categories	OE	SC1	SC2	SC3	SC4	R
Totals for the Week:	0	0	2	16	3	0

Secretarial Office Summary

National Nuclear Security Administration	10 occurrences	(4 sites)
Office of Energy Efficiency and Renewable Energy	3 occurrences	(1 site)
Office of Environmental Management	7 occurrences	(4 sites)
Office of Management	1 occurrence	(1 site)