

Summary Report of Occurrences Reviewed From October 11 – 15, 2010

Summary: 33 occurrences at 14 sites reviewed during this period.

Occurrences of Significant Interest (1)

Industrial Hygiene Exposure – 1 occurrence at 1 site

- NA – Sandia National Laboratories (Significance Category 2).** On October 7, the waste sorting team at the Radioactive and Mixed Waste Management Facility became aware of significant beryllium surface contamination exceeding the 0.2 ug/100cm² release criteria in Room 102 of Building 6921. On the previous day, an operation had been conducted in that room that involved a drum with a single bagged beryllium item (Campaign 10-28). A series of swipes had been taken as a normal part of the post-job survey. Because of the sealed condition of the packaging around the beryllium item, the high swipe results were not anticipated and did not make sense. The actual source of the beryllium contamination was later determined to be from another operation (Campaign 10-27) that was conducted in that room on September 2, 2010, in which a drum was opened and the contents removed, inspected, and repackaged into a "macro" drum. The workers recalled that the items and the drum were contaminated with a significant amount of "dirt." The disposal request indicated that the waste did not contain beryllium, so normal work controls for handling beryllium contamination were not in place for the operation. Following the contamination discovery on October 7, additional samples were taken and sixteen of them showed levels of beryllium above 0.2 ug/100cm² on various surfaces inside Room 102 and on the original drum from Campaign 10-27. The workers involved were advised to go to Sandia Medical for a beryllium evaluation.

Other Occurrences (32). 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	1	1	1	3	3
Near Miss	0	0	0	0	0
Authorization Basis	1	2	0	3	2
Radiological Concerns	2	3	0	5	5
Environmental	0	0	1	1	1
Fire Safety	1	0	0	1	1
Shipping Quality Assurance	0	2	0	2	1
Criticality Concerns	1	0	0	1	1
Industrial Operations	0	0	0	0	0
Conduct of Operations / LOTO	4	4	0	8	7
Electrical Safety	1	1	0	2	2
Vehicle Accident	0	0	0	0	0
Equipment Failures	1	2	1	4	4
Safeguards and Security	0	0	0	0	0

Occurrence Category	Number of Occurrences				Number
Suspect & Counterfeit Parts	3	0	0	3	1
Other	0	0	0	0	0
Total	15	15	3	33	

ORPS Significance Categories	OE	SC1	SC2	SC3	SC4	R
Totals for the Week:	0	0	4	21	8	0

Secretarial Office Summary

National Nuclear Security Administration	15 occurrences	(5 sites)
Office of Environmental Management	12 occurrences	(7 sites)
Office of Nuclear Energy	3 occurrences	(1 site)
Office of Science	3 occurrences	(1 site)