

Summary Report of Occurrences Reviewed From November 9 – 13, 2009

Summary: 28 occurrences at 15 sites reviewed during this period.

Occurrences of Significant Interest (2)

Near Miss – 1 occurrence at 1 site

- **EM – Paducah Gaseous Diffusion Plant (Significance Category 3).** On November 6, while workers were replacing hoist cables on a freight elevator in the C-340 facility, a worker lost his grip on a cable because of its weight and the cable fell down the counterweight shaft. As the cable fell, the short end of the cable ran through the drive sheave assembly located in the penthouse above the elevator car and rapidly passed by three workers in the penthouse. An electrician inside the penthouse reported that the short end of the cable passed by him and made contact with the tip of the smallest finger of his right hand. The electrician was wearing several layers of gloves and was not injured. At the time of the incident, personnel were working on top of the elevator car, in the elevator penthouse area, and on the seventh floor near the elevator car landing. There were no personnel inside the elevator pit or within the lower portions of the elevator shaft when the cable fell. A fact finding meeting was convened.

Industrial Hygiene Exposure – 1 occurrence at 1 site

- **SC – Pacific Northwest National Laboratory (Significance Category 3).** On November 6, management was notified of a staff member reporting shortness of breath upon entering the media cold storage room C-4 at the 331 Building on November 4, 2009. The staff member exited the room thinking the shortness of breath was due to a pre-existing condition. The next day, another staff member entered the room to see if they could smell anything but did not experience any unusual sensations. A third staff member entered the room to retrieve some media cultures and noticed an apparent odor in the room and experienced some coughing reaction. Testing of the room was performed and carbon dioxide levels below regulatory thresholds were detected. The room contained ten blocks of dry ice, weighing 20 pounds each, which was assumed to be the source of the elevated carbon dioxide levels. The room was ventilated and the dry ice was moved to another room where it was stored in a fume hood until it had evaporated. A critique was held.

Other Occurrences (26). See Table (Note: The Table includes the occurrence 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	2	0	0	2	2
Authorization Basis	2	3	1	6	5
Radiological Concerns	2	2	0	4	4
Environmental	1	1	0	2	2
Fire Safety	0	2	1	3	3
Shipping/Quality Assurance	0	0	0	0	0
Criticality Concerns	0	0	0	0	0

Occurrence Category	Number of Occurrences				Number of Sites
	E&E	NNSA	SC	DOE Total	
Industrial Operations	0	0	0	0	0
Conduct of Operations	1	1	0	2	2
Electrical Safety	1	0	0	1	1
Vehicle Accident	0	0	0	0	0
Equipment Failures	1	0	1	2	2
Safeguards and Security	0	0	0	0	0
Suspect & Counterfeit Parts	3	1	0	4	2
Other	0	0	0	0	0
Total	13	11	4	28	

ORPS Significance Categories	OE	SC1	SC2	SC3	SC4	R
Totals for the Week:	0	0	0	15	13	0

Secretarial Office Summary

National Nuclear Security Administration	11 occurrences	(4 sites)
Office of Environmental Management	12 occurrences	(6 sites)
Office of Nuclear Energy	1 occurrence	(1 site)
Office of Science	4 occurrences	(4 sites)