

Summary Report of Occurrences Reviewed From October 26 – 30, 2009

Summary: 23 occurrences at 15 sites reviewed during this period.

Occurrences of Significant Interest (2)

Near Miss – 2 occurrences at 2 sites

- **NA – Los Alamos National Laboratory (Significance Category 3).** On October 22, a Water Quality sampling crew discovered two hikers with three dogs at Technical Area 68 (TA-68) during High Explosive (HE) Operations. The hikers were instructed to exit DOE property. During interviews, the hikers stated they had hiked approximately one mile into TA-15. During that time, TA-39-6 conducted two HE shots. A third shot scheduled for another shot site was cancelled because of equipment issues. The hikers did not enter the TA-39-6 shot Hazard Areas. Had the third shot been conducted, the hikers could have been within the Hazard C Area with the potential for contamination or HE injury. A radiological control technician surveyed the hikers and dogs for contamination. The contamination surveys indicated no detectable activity and the hikers were released.
- **EM – Savannah River Site (Significance Category 3).** On October 21, while a subcontractor (MDM Construction) was performing work to construct concrete placement forms, one of their workers was hit by falling lumber. The worker was performing layout duties at ground level inside Vault 2B beneath a roof opening while a second worker was lowering formwork materials into the vault through the opening to support an upcoming concrete pour. Neither worker was aware of the other's activity. The worker in the vault was in a kneeling position when he was struck on the back of his hard hat and upper back between the shoulder blades by three, 5-foot long 2x4 boards. The boards inadvertently released from the rigging and fell about 10 feet. The worker only experienced some soreness in his upper back and exited the vault unassisted. The subcontractor called a "Time Out" to develop corrective actions and suspended vault entries.

Other Occurrences (21). 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	2	1	4	3
Near Miss	1	2	0	3	3
Authorization Basis	1	2	0	3	3
Radiological Concerns	2	0	1	3	3
Environmental	0	1	0	1	1
Fire Safety	0	0	0	0	0
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	1	2	1	4	4
Electrical Safety	0	1	0	1	1
Vehicle Accident	0	0	0	0	0
Equipment Failures	3	0	0	3	2

Occurrence Category	Number of Occurrences				Number of Sites
	E&E	NNSA	SC	DOE Total	
Safeguards and Security	0	0	0	0	0
Suspect & Counterfeit Parts	1	0	0	1	1
Other	0	0	0	0	0
Total	10	10	3	23	

ORPS Significance Categories	OE	SC1	SC2	SC3	SC4	R
Totals for the Week:	0	0	1	13	9	0

Secretarial Office Summary

National Nuclear Security Administration	10 occurrences	(4 sites)
Office of Environmental Management	9 occurrences	(7 sites)
Office of Nuclear Energy	1 occurrence	(1 site)
Office of Science	3 occurrences	(3 sites)