

Summary Report of Occurrences Reviewed From July 18 – 22, 2011

Summary: 22 occurrences at 16 sites reviewed during this period.

Occurrences of Significant Interest (1)

Injury – 1 occurrence at 1 site

- **HS – National Training Center (Significance Category 1).** On July 14, an Office of Secure Transportation (OST) observer was struck in the left calf by a bullet fragment while he was monitoring OST live fire training from an elevated overhead observation platform in the National Training Center Live Fire Range (LFR) indoor simulator. Training in the indoor simulator was immediately halted and the observer was treated by the LFR paramedic. The paramedic determined that sutures were not required for the surface laceration to the observer's calf and referred him to the SNL Medical Clinic for a tetanus shot and further examination. The observer was transported to the clinic where, upon examination and x-ray, a small bullet fragment was found deeper in the wound. Removal of the fragment resulted in two sutures to close the wound. The OST observer was not hospitalized and had no loss of duty. Inspection of the bullet trap, from which the fragment was expelled, revealed that the silicone adhesive at the top of the bullet trap had pulled away from the mating surfaces, leaving a gap that may have allowed the bullet fragment to escape. Removal of the face of the bullet trap and inspection of the Linetex membrane and armor backing of the plate revealed a potential deficiency in the physical design/condition of the bullet trap. Since the design of the bullet trap is contained in the DOE Range Design Criteria, the NTC will release a notice to field operations advising of the potential design flaw. An accident investigation will be conducted.

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	2	0	2	4	4
Near Miss	1	0	1	2	2
Authorization Basis	0	0	0	0	0
Radiological Concerns	0	1	1	2	2
Environmental	0	1	1	2	2
Fire Safety	0	0	0	0	0
Shipping / Quality Assurance	0	0	0	0	0
Criticality Concerns	0	0	0	0	0
Industrial Operations	2	0	0	2	2
Conduct of Operations / LOTO	1	2	0	3	2
Electrical Safety	1	0	0	1	1
Vehicle Accident	0	0	0	0	0
Equipment Failures	3	2	1	6	6
Safeguards and Security	0	0	0	0	0
Suspect & Counterfeit Parts	0	0	0	0	0
Other	0	0	0	0	0
Total	10	6	6	22	

ORPS Significance Categories	OE	SC1	SC2	SC3	SC4	R
Totals for the Week:	0	1	0	12	8	1

Secretarial Office Summary

National Nuclear Security Administration	6 occurrences	(3 sites)
Office of Environmental Management	8 occurrences	(6 sites)
Office of Health, Safety and Security	1 occurrence	(1 site)
Office of Nuclear Energy	1 occurrence	(1 site)
Office of Science	6 occurrences	(5 sites)