

## Summary Report of Occurrences Reviewed From April 20 – 24, 2009

**Summary:** 27 occurrences at 15 sites reviewed during this period.

### Significant Occurrences (2)

#### Near Miss – 2 occurrences at 2 sites

- **EM – Hanford Site, Office of River Protection (Significance Category 3).** On April 21, at the Waste Treatment Plant Lay Down Yard, a Bechtel National, Inc. iron worker received minor injuries while using an oxygen and acetylene gas torch to cut a W36x150 I-beam. The iron worker cut the bottom flange and the webbing first and then straddled the I-beam and cut the top flange. As he finished cutting the top flange, the I-beam teetered on the center of the 4x4-inch dunnage that it was resting on and rolled towards an adjacent beam catching his left leg between the beams. Fellow iron workers immediately used pry bars to spread the beams apart enough to free the worker's leg. The iron worker was immediately taken to Medical. The worker sustained an abrasion to the inner thigh. Site Medical treated the worker with non-prescription antibiotic cream and gauze. Site medical released the worker to full work duty.
- **NA – Sandia National Laboratories (Significance Category 3).** On April 21, while field testing the Air Hammer unit in TA III, a ¾-inch diameter stainless steel line (rated to 3,300 psig) ruptured with resultant fragments. The Air Hammer is a drilling-like device that uses air pressure to push the drill bit. The line that ruptured is mounted on the outside of a Morgan metal shed and the rupture made a 1½-foot diameter hole in the wall of the shed. There were no injuries to personnel. The line was pressurized to around 2,000 psig with compressed air and intentionally oiled for lubrication of the downstream drill bit. A black residue was very noticeable around the pressure failure point. Personnel immediately ceased operations. The area was secured, the pressure was bled from the manifold, and notifications were made.

**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	0	1	1	2	2
Near Miss	0	2	0	2	2
Authorization Basis	1	1	0	2	2
Radiological Concerns	1	0	1	2	2
Environmental	0	0	0	0	0
Fire Safety	0	0	2	2	1
Shipping/Quality Assurance	2	1	0	3	3
Criticality Concerns	0	0	0	0	0
Industrial Operations	1	0	0	1	1
Conduct of Operations	1	0	1	2	2
Electrical Safety	1	0	1	2	2
Vehicle Accident	0	0	0	0	0
Equipment Failures	0	1	1	2	2
Safeguards and Security	1	0	0	1	1

Occurrence Category	Number of Occurrences				Number of Sites
	E&E	NNSA	SC	DOE Total	
Suspect & Counterfeit Parts	1	1	0	2	2
Other	0	0	0	0	0
<b>Total</b>	<b>9</b>	<b>7</b>	<b>7</b>	<b>23</b>	

### Secretarial Office Summary

National Nuclear Security Administration	11 occurrences	(4 sites)
Office of Environmental Management	11 occurrences	(7 sites)
Office of Science	5 occurrences	(4 sites)