

Summary Report of Occurrences Reviewed From March 16 – 20, 2009

Summary: 26 occurrences at 16 sites reviewed during this period.

Significant Occurrences (3)

Near Miss – 1 occurrence at 1 site

- **EM – Hanford Site (Significance Category 3).** On March 16, two Nuclear Chemical Operators were relocating B-25 waste containers in the 327 Building, 300 Area, when one of the operators was lightly contacted by a container weighing approximately 4,000 pounds and confined between two waste containers and a fixed Hot Cell. At the time of the incident, the operators were adjusting a lifting sling that was slipping off the corner of the container. The operator controlling the crane added just enough tension to the load to cause the container to scoot along the floor toward the operator who was adjusting the sling. The operator controlling the crane immediately released the tension, repositioned the crane, and moved the box away to allow the other operator to walk out of the confined area. The operator reported to his supervisor that he was not hurt. Rigging operations were suspended.

Radiological Control – 1 occurrence at 1 site

- **NA – Y12 National Security Complex (Significance Category 2).** On March 12, while investigating elevated readings on a toolbox and drill found during a cursory survey by the Tennessee Department of Environment and Health (Division of Radiological Health) at the Y12 Property Sales building, the Y-12 Radiological Control Organization found radioactive contamination levels of 12,000 dpm/100cm². Radiological Control personnel immediately took control of the contaminated items and placed them in a posted Controlled Area/Radiological Material Area. The toolbox and drill never entered the public domain and remained in government/contractor control at all times.

Fire Protection – 1 occurrence at 1 site

- **NA – Y12 National Security Complex (Significance Category 4).** On March 11, while a pipefitter was cutting a 16-inch ductile iron pipe with a cutoff saw, a shower of sparks from the cutting wheel continuously hit his leg, slightly above the knee. The sparks abraded and scorched a ¾-inch x 1-inch hole through his fire resistant coveralls. A co-worker noticed the smoldering area on the coveralls and stopped the work. The pipefitter removed his coveralls and found that his personal clothing (blue jeans) was also scorched. There were no injuries. Investigators determined that the exact PPE, as specified in the Job Hazard Analysis, was not worn. Other issues included: not controlling the work area; not positioning the fire watch close to the job; not having adequate communication between the worker and fire watch because of high noise; and not assigning an experienced worker for the job.

Other Occurrences (23). 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	4	0	4	4
Near Miss	1	1	0	2	2
Authorization Basis	0	1	0	1	1

Occurrence Category	Number of Occurrences				Number of Sites
	E&E	NNSA	SC	DOE Total	
Radiological Concerns	1	2	0	3	3
Environmental	2	0	0	2	2
Fire Safety	1	2	0	3	3
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	4	0	1	5	3
Electrical Safety	0	0	0	0	0
Vehicle Accident	0	1	0	1	1
Equipment Failures	1	2	0	3	3
Safeguards and Security	0	0	0	0	0
Suspect & Counterfeit Parts	1	1	0	2	2
Other	0	0	0	0	0
Total	11	14	1	26	

Secretarial Office Summary

National Nuclear Security Administration	14 occurrences	(7 sites)
Office of Environmental Management	9 occurrences	(6 sites)
Office of Legacy Management	1 occurrence	(1 site)
Office of Nuclear Energy	1 occurrence	(1 site)
Office of Science	1 occurrence	(1 site)