

Summary Report of Occurrences Reviewed

From March 5 – 9, 2007

Summary: 20 occurrences at 13 sites reviewed during this period.

Significant Occurrences (5)

Safeguards and Security – 1 occurrence at 1 site

- **NA – Pantex Plant (Significance Category 3).** On March 5, 2007, Fire department and security personnel identified two suspicious packages at the BWXT Pantex Administration Building. Nearby buildings were evacuated and cordoned off. The FBI and Amarillo Police Department Bomb Squad provided mutual aid response. The Operational Emergency was terminated after the packages were found to belong to a local vendor. *[This is considered a positive event because of the appropriate site response to this event.]*

Near Misses – 3 occurrences at 3 sites

- **NA – Sandia National Laboratory (Significance Category 3).** On March 1, 2007, an explosives technologist was sprayed with wood dust and light debris a detonator being assembled as a component for an explosive test, prematurely and unexpectedly detonated without any obvious outside stimulus. The employee was wearing a grounding strap and safety glasses. He was treated onsite for ringing in his ears, but had no external physical injuries. An additional hearing test has been scheduled.

Shipping – Quality Assurance – 1 occurrence at 1 site

- **EM – Portsmouth Gaseous Diffusion Plant (Significance Category 3).** On March 5, 2007, a truck driver transporting debris containing radiological and PCB contamination notified the National Response Center that the Sealand container holding the waste had leaked. No radiological contamination was detected. The shipment arrived safely at the Nevada Test Site (NTS) where the Sealand container was off-loaded. While no radiological contamination was detected, some fluid has leaked through the door gaskets of the container. NTS is conducting PCB testing.

Radiological Control – 1 occurrence at 1 site

- **SC – Pacific Northwest National Laboratory (Significance Category 3).** On March 1, 2007, Cobalt (Co) 60 contamination was discovered on three filters used in the water recirculation system of the Gamma Irradiation Facility (GIF). Forty-two Co-60 sealed sources, ranging in activity from 30 to 180 Ci each, are staged in holders at the bottom of the GIF pool. One or more of the sealed sources is leaking and may have been leaking for some time. Safe configuration of the GIF was confirmed, and access controls have been established.

Other – 1 occurrence at 1 site

- **EM – Hanford Site (Significance Category 4).** On March 3, 2007, a ground water operations operator discovered over 6000 gallons of waste water and sewage sludge had been dumped illegally near Hanford's Midway Electrical Substation. The local Washington State Department of Ecology office and . The spill area was secured with "caution" tape and sprayed with chlorinated water to kill microorganisms in the sewer sludge. No impact to Columbia River surface water is expected. *[The discovery of this illegal dump is considered a positive event because of the appropriate site response to this event.]*

Other Occurrences (15). 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	0	3	3	3
Near Miss	0	1	0	1	1
Authorization Basis	0	0	0	0	0
Radiological Concerns	0	1	2	3	3
Environmental	0	0	0	0	0
Fire Safety	0	0	0	0	0
Shipping/Quality Assurance	1	1	0	2	2
Criticality Safety	1	1	0	2	2
Industrial Operations	0	0	0	0	0
Conduct of Operations	1	2	0	3	3
Electrical Safety	0	1	0	1	1
Vehicle Accidents	0	0	0	0	0
Equipment Failures	3	0	0	3	1
Safeguards and Security	0	1	0	1	1
Suspect & Counterfeit Parts	0	0	0	0	0
Other	1	0	0	1	1
Total	7	8	5	20	

Secretarial Office Summary

National Nuclear Security Administration	8 occurrences	(5 sites)
Office of Environmental Management	7 occurrences	(4 sites)
Office of Science	5 occurrences	(4 sites)