

Summary Report of Occurrences Reviewed From February 25 – 29, 2008

Summary: 22 occurrences at 10 sites reviewed during this period.

Significant Occurrences (2)

Conduct of Operations – 1 occurrence at 1 site

- **NA – Los Alamos National Laboratory (Significance Category 3).** On February 25, A Weapons Engineering Tritium Facility Operator inadvertently transferred tritium gas to the Tritium Waste Treatment system (TWT). The transfer was secured as soon as the operator realized the error. At the time of the event, another transfer operation was in progress while the operator was changing valve alignments for a new transfer. The review to validate and discuss the valves that needed to be closed in order to properly isolate the two transfer paths from one another was inadequate, resulting in an inadvertent transfer of 3 grams of tritium to the TWT. There was no impact to the health and safety of personnel, the environment, or the program. The gas transfer operations were suspended and process conditions assessed. All material was contained within Tritium systems. No limits were exceeded.

Industrial Operations – 1 occurrence at 1 site

- **EM – Hanford Sit, Nuclear Waste Operations/Disposal (Significance Category 3).** On February 21, while a Nuclear Chemical Operator (NCO) was moving four drums on a metal pallet with a forklift from the 2404-WB building to the 2336W building, the drums began to slide off the pallet as the NCO made a left turn over an uneven transition between two asphalt roads. The NCO immediately stopped the forklift; however the drums, which were strapped together with a nylon strap, continued to slide off the pallet and fall to the ground. The four drums ended up in a horizontal position with two of the drums just off the pallet, one drum approximately 3 to 5 feet from the pallet and one drum rolled approximately 15 feet. Radiological surveys were performed with no contamination found. There was no damage to the drums. A critique was performed. Drum movements were temporarily suspended until the factors contributing to the event could be investigated.

Other Occurrences (20). 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	0	3	3
Near Miss	0	0	0	0	0
Authorization Basis	2	0	0	2	2
Radiological Concerns	0	0	0	0	0
Environmental	2	0	0	2	2
Fire Safety	1	0	1	2	2
Shipping/Quality Assurance	1	1	0	2	2
Criticality Concerns	0	0	0	0	0
Industrial Operations	2	0	0	2	2
Conduct of Operations	4	2	0	6	3
Electrical Safety	0	0	0	0	0

Vehicle Accident	0	0	0	0	0
Equipment Failures	2	0	0	2	2
Safeguards and Security	0	0	0	0	0
Suspect & Counterfeit Parts	0	1	0	1	1
Other	0	0	0	0	0
Total	15	6	1	22	

Secretarial Office Summary

National Nuclear Security Administration	6 occurrences	(3 sites)
Office of Environmental Management	12 occurrences	(5 sites)
Office of Nuclear Energy	3 occurrences	(1 site)
Office of Science	1 occurrence	(1 site)