

Summary Report of Occurrences Reviewed From February 18 – 22, 2008

Summary: 21 occurrences at 13 sites reviewed during this period.

Significant Occurrences (2)

Equipment Degradation – 1 occurrence at 1 site

- **NA – Los Alamos National Laboratory (Significance Category 3).** On February 14, after consultation with the Associate Director for Engineering and Engineering Sciences and the Prototype Fabrication Division Leader, the Science and Technology Facility Operations Director (STO FOD) ceased operations in Technical Area 3, Building 141, the Beryllium Test Facility (BTF), because of concerns with the operability of the facility's ventilation system. The ventilation system is in place to protect employees from exposure. Employees of the BTF have expressed concerns about the state of the ventilation system and its ability to perform the required safety functions to their management and the STO FOD. Operations in the BTF will remain ceased until an engineering analysis and testing of the ventilation system is conducted and actions taken to address any deficient condition(s) found with the system.

Fire Protection – 1 occurrence at 1 site

- **NA – Y12 Nuclear Security Complex (Significance Category 3).** On February 20, normal depleted uranium chip burning in two oxidizers was occurring in Building 9401-5 when operations personnel saw smoke and/or steam on the backside of the oxidation chamber. The recirculating cooling water (RCW) flow had unexpectedly stopped, and the control panel for the oxidation chamber had lost power. All four personnel in the facility evacuated. While exiting, one operator pushed the emergency tray up buttons, and a second operator restarted the RCW pumps. These two actions ensured the amount of material potentially exposed to the fire was minimized and the cooling needed for the process and material to be safely managed was restarted. Firefighters assessed the facility and determined there was no continuing fire, smoke, steam, or heat problems. In March of last year, a uranium chip fire occurred in Building 9204-2E during dry chip transfer. That fire also self extinguished.

Other Occurrences (19). 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	0	0	0
Near Miss	1	0	0	1	1
Authorization Basis	0	0	0	0	0
Radiological Concerns	1	0	0	1	1
Environmental	0	0	0	0	0
Fire Safety	1	3	0	4	3
Shipping/Quality Assurance	1	1	0	2	2
Criticality Concerns	0	0	0	0	0
Industrial Operations	0	0	0	0	0
Conduct of Operations	2	2	0	4	4
Electrical Safety	1	1	0	2	2

Vehicle Accident	0	1	0	1	1
Equipment Failures	1	5	0	6	5
Safeguards and Security	0	0	0	0	0
Suspect & Counterfeit Parts	0	0	0	0	0
Other	0	0	0	0	0
Total	8	13	0	21	

Secretarial Office Summary

National Nuclear Security Administration	13 occurrences	(7 sites)
Office of Environmental Management	8 occurrences	(6 sites)