

Summary Report of Occurrences Reviewed *From July 28 – August 1, 2008*

Summary: 33 occurrences at 16 sites reviewed during this period.

Significant Occurrences (4)

Near Miss – 2 occurrences at 2 sites

- **NA – Savannah River Site (Significance Category 2).** On July 26, an employee partially fell through scaffold decking after two of the planks had been removed and not noted by the competent person. The scaffold was green tagged to indicate a completed scaffold requiring no fall protection, however two planks had been removed and the tags had not been changed to require personal fall protection. The employee stepped in the hole created by the missing planks and fell, catching himself by his arms. No injuries resulted from this incident. Work was stopped and all personnel were removed from this scaffold. Scaffold boards were replaced and a barricade installed around the area. An investigation was initiated.
- **MA – DOE Headquarters (Significance Category 3).** On July 15, during a DOE HQ HSS Composite Adversary Team (CAT) training exercise at Ft. Drum in Watertown, NY, the body of a Defense Technology (Def-Tec) Multi-Port Plus Distraction Device separated during deployment. When the bottom of the distraction body dislodged from the main body, it traveled 117 feet and hit a metal building. The Distraction Device was loaded with a 15 gram Def-Tec fuse. No one was injured, but the projectile missed one individual, who was in a group standing next to the building, by 10 inches. Management determined that the use of these devices should be suspended pending further investigation.

Vehicular Accident – 1 occurrence at 1 site

- **NA – Nevada Test Site (Significance Category 4).** On July 29, a worker was driving north bound on the Mercury Highway between work locations when she looked down to adjust her window and accidentally drove onto the right shoulder of the road. She panicked and accidentally hit the accelerator instead of the brake causing her to overcorrect. The car fishtailed, causing it to cross the center line and slide onto the opposite shoulder of the road. The shoulder had a decline, which the vehicle slid down, causing it to flip, rolling one and a half times, and landing on the roof at a tilt. The employee was wearing her seatbelt and was able to exit the vehicle through a back side window with only minor scrapes on her elbow, leg, and foot. Nye County law enforcement and Nevada Test Site emergency response personnel arrived on scene. As a precaution the driver was transported by ambulance to Mercury Medical for evaluation and possible treatment.

Radiological Control – 1 occurrence at 1 site

- **SC – Oak Ridge National Laboratory (Significance Category OE).** On July 28, Building 6000, Holifield Radioactive Ion Beam Facility, was evacuated due to elevated airborne radioactivity in the facility. A total of about 30 employees were evacuated from the facility. Radiological Control Technicians (RCTs) performed a whole body frisk of all building personnel after they evacuated the facility. Six individuals were identified with personal contamination above background levels. The maximum personal contamination level was 64,500 dpm/100cm² measured on the hand of an RCT. Analysis indicated the presence of

cesium-138, rubidium-88, and rubidium-89. No abnormal external dose results associated with this event have been identified. Notifications were made and a critique was held.

Other Occurrences (29). 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	1	4	4
Near Miss	2	2	0	4	4
Authorization Basis	4	3	0	7	5
Radiological Concerns	0	1	2	3	2
Environmental	0	1	0	1	1
Fire Safety	0	2	0	2	2
Shipping/Quality Assurance	0	1	0	1	1
Criticality Concerns	0	0	0	0	0
Industrial Operations	4	0	0	4	3
Conduct of Operations	2	1	1	4	4
Electrical Safety	0	0	0	0	0
Vehicle Accident	0	0	0	0	0
Equipment Failures	0	1	0	1	1
Safeguards and Security	0	0	0	0	0
Suspect & Counterfeit Parts	1	0	1	2	2
Other	0	0	0	0	0
Total	14	14	5	33	

Secretarial Office Summary

National Nuclear Security Administration	14 occurrences	(6 sites)
Office of Environmental Management	12 occurrences	(5 sites)
Office of Management	1 occurrence	(1 site)
Office of Nuclear Energy	1 occurrence	(1 site)
Office of Science	5 occurrences	(3 sites)