

Summary Report of Occurrences Reviewed From March 14 – 18, 2011

Summary: 28 occurrences at 14 sites reviewed during this period.

Occurrences of Significant Interest (1)

Fire/Explosion – 1 occurrence at 1 site

- ***FE – Rocky Mountain Oilfield Testing Center (Significance Category 3).*** On March 15, field personnel heard a loud noise and observed smoke coming from three tanks on the east side of the site. Six new 400-barrel tanks and associated piping were being installed and connected to an existing flow loop. The tanks were configured with overflow piping that connected the tops of each bank of three tanks and was extended to ground level at one end of each tank arrangement. Welding was being conducted on header piping near the ground of the tanks. The tanks contained crude oil. It is suspected that vapors separated from the oil in the tanks and traveled through the overflow lines and down to the area where the welding was being conducted. The ignition appeared to have occurred at ground level, and the "flash" propagated upwards and across all three tanks through the overflow piping. The tops and bottoms of all three tanks on the east side were mushroomed out. The three-tank battery on the west side was unaffected. Two tanks developed crude oil leaks. The entire spill was contained within the immediate area around the tanks. The amount of oil leaked is estimated to be 60 barrels. Workers and equipment responded to the spill. Safety stand-downs were conducted and no hazardous work will be conducted until a formal investigation is conducted and appropriate corrective actions are identified.

Other Occurrences (27). 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	6	0	0	6	3
Near Miss	0	0	0	0	0
Authorization Basis	1	1	0	2	2
Radiological Concerns	1	0	1	2	2
Environmental	0	0	0	0	0
Fire Safety	1	2	0	3	3
Shipping Quality Assurance	1	0	0	1	1
Criticality Concerns	0	1	0	1	1
Industrial Operations	1	1	0	2	2
Conduct of Operations / LOTO	1	0	0	1	1
Electrical Safety	2	0	0	2	2
Vehicle Accident	0	0	0	0	0
Equipment Failures	2	0	0	2	2

Occurrence Category	Number of Occurrences				Number of Sites
	E&E	NNSA	SC	DOE Total	
Safeguards and Security	1	1	0	2	2
Suspect & Counterfeit Parts	3	1	0	4	4
Other	0	0	0	0	0
Total	20	7	1	28	

ORPS Significance Categories	OE	SC1	SC2	SC3	SC4	R
Totals for the Week:	0	0	3	15	10	0

Secretarial Office Summary

National Nuclear Security Administration	7 occurrences	(3 sites)
Office of Environmental Management	17 occurrences	(8 sites)
Office of Fossil Energy	1 occurrence	(1 site)
Office of Nuclear Energy	2 occurrences	(1 site)
Office of Science	1 occurrence	(1 site)