

## Summary Report of Occurrences Reviewed From June 14 – 18, 2010

**Summary:** 28 occurrences at 15 sites reviewed during this period.

### **Occurrences of Significant Interest (1)**

#### **Radiological Skin Contamination – 1 occurrence at 1 site**

- EM – Savannah River Site (Significance Category 2).*** On June 14, after performing can puncture operations during TRU remediation in the Warm Crane Maintenance Room, an operator received a puncture wound to the right index finger while placing an indicating device survey flag into a can. The operator immediately notified their first line manager and Radiation Protection Department (RPD) personnel. RPD personnel surveyed the operator's wound and detected 300 dpm/100cm<sup>2</sup> alpha. The operator was transported to site medical to decontaminate and wash the wound area. Contamination levels of 200 dpm/100cm<sup>2</sup> continued to exist after multiple decontamination efforts. The operator was then taken to the whole body count facility where a wound count was performed and plutonium 238, 239 and americium 241 was observed. The operator was transported back to site medical where tissue was removed and another whole body count was taken, in which the activity was observed to have been reduced by approximately one half. Consultations between the site medical doctor, RPD management, and Internal Dosimetry personnel determined that an offsite medical physician would be brought on site to continue the treatment. Remediation activities were secured and appropriate notifications were made.

**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	2	0	0	2	2
Near Miss	3	0	1	4	3
Authorization Basis	3	1	0	4	4
Radiological Concerns	1	0	0	1	1
Environmental	2	1	0	3	3
Fire Safety	0	0	0	0	0
Shipping/Quality Assurance	1	1	1	3	3
Criticality Concerns	0	0	0	0	0
Industrial Operations	0	0	0	0	0
Conduct of Operations	4	1	0	5	3
Electrical Safety	1	0	1	2	2
Vehicle Accident	0	0	0	0	0
Equipment Failures	1	0	1	2	2
Safeguards and Security	0	0	0	0	0
Suspect & Counterfeit Parts	1	1	0	2	2
Other	0	0	0	0	0
<b>Total</b>	<b>19</b>	<b>5</b>	<b>4</b>	<b>28</b>	

<b>ORPS Significance Categories</b>	<b>OE</b>	<b>SC1</b>	<b>SC2</b>	<b>SC3</b>	<b>SC4</b>	<b>R</b>
Totals for the Week:	0	0	2	14	12	0

### **Secretarial Office Summary**

National Nuclear Security Administration	5 occurrences	(2 sites)
Office of Environmental Management	16 occurrences	(8 sites)
Office of Fossil Energy	1 occurrence	(1 site)
Office of Nuclear Energy	2 occurrence	(1 site)
Office of Science	4 occurrences	(3 sites)