

## Summary Report of Occurrences Reviewed From November 2 – 6, 2009

**Summary:** 26 occurrences at 16 sites reviewed during this period.

### Occurrences of Significant Interest (1)

#### Conduct of Operations – 1 occurrence at 1 site

- **SC – Oak Ridge National Laboratory (Significance Category 2).** On October 31, a reactor scram occurred at the High Flux Isotope Reactor when the reactor operating staff adjusted the secondary cooling system alignment to lower the cooling tower basin temperature in response to changing weather conditions. The adjustment caused a secondary cooling system automatic control valve, which controls primary temperature, to fully close. The reactor operator manually adjusted a parallel control valve to return the automatic control valve to the normal operating range. The magnitude of the manual adjustment was large enough that the automatic control valve could not react sufficiently to prevent the primary coolant from reaching the high inlet temperature reactor scram setpoint of 130°F. The reactor safety systems performed as designed during the automatic reactor shutdown. A critique was conducted.

**Other Occurrences (25).** See Table (Note: The Table includes the occurrence listed above).

Occurrence Category	Number of Occurrences				Number of Sites
	E&E	NNSA	SC	DOE Total	
Injury - Industrial Hygiene/Occupational Safety	2	4	0	6	5
Near Miss	1	1	0	2	2
Authorization Basis	2	0	0	2	2
Radiological Concerns	0	0	0	0	0
Environmental	1	0	0	1	1
Fire Safety	0	0	1	1	1
Shipping/Quality Assurance	1	0	0	1	1
Criticality Concerns	1	0	0	1	1
Industrial Operations	2	0	0	2	2
Conduct of Operations	1	2	2	5	5
Electrical Safety	0	0	1	1	1
Vehicle Accident	0	0	0	0	0
Equipment Failures	1	1	0	2	2
Safeguards and Security	0	0	0	0	0
Suspect & Counterfeit Parts	2	0	0	2	2
Other	0	0	0	0	0
<b>Total</b>	<b>14</b>	<b>8</b>	<b>4</b>	<b>26</b>	

ORPS Significance Categories	OE	SC1	SC2	SC3	SC4	R
Totals for the Week:	0	0	2	17	7	0

## **Secretarial Office Summary**

National Nuclear Security Administration	8 occurrences	(4 sites)
Office of Environmental Management	10 occurrences	(6 sites)
Office of Fossil Energy	2 occurrences	(2 sites)
Office of Nuclear Energy	2 occurrences	(1 site)
Office of Science	4 occurrences	(3 sites)