Summary Report of Occurrences Reviewed
From January 28 – February 1, 2008

Summary: 33 occurrences at 15 sites reviewed during this period.

Significant Occurrences (5)

Injuries – 1 occurrence at 1 site

- ***NE – Idaho National Laboratory (Significance Category 1).*** On January 29, at approximately 1310 hours, an Idaho National Laboratory (INL) bus was involved in a multi-vehicular accident on Idaho State Highway 20, near Mile Marker 294. Early Idaho State Police investigation indicates a privately owned vehicle lost control traveling eastward on Highway 20 and collided with the INL bus which was traveling westward in the opposite direction. After this initial collision, two other vehicles then collided with the bus as they apparently could not stop in time. As a result of this accident, multiple injuries of INL personnel occurred. Emergency response units responded to the accident. Ten people were transported to Eastern Idaho Regional Medical Center in Idaho Falls, ID for treatment. Six were checked, released and not admitted, while four were admitted and stayed one night or more. At the time of the accident weather conditions included icy roads and blowing snow. Overall conditions were poor.

Electrical Safety – 1 occurrence at 1 site

- ***NA – Sandia National Laboratories (Significance Category 2).*** On January 29, a custodial worker received an electrical shock while plugging a supply cord for a battery charger into a wall outlet. The battery charger serves a floor buffing machine. The individual was taken to SNL Medical and returned to work later that same day. Subsequent investigation revealed that the floor around the battery charger was wet from water that dripped from a previously used floor cleaner that had been hung on a rack adjacent to the charger. Also, the cord cap was wet to the touch and had a damaged jacket. Before the custodial worker plugged the wet and damaged cord cap into the outlet, they placed their right hand on the metal case of the battery charger, which was sitting directly on the wet tile floor. When the cord cap touched the receptacle, the custodial employee completed a path from their left hand via the moisture on the cord cap, across their body and through their right hand to the grounded charger chassis. The battery charger was marked "Do Not Use."

Conduct of Operations – 1 occurrence at 1 site

- ***EM – Savannah River Site (Significance Category 4).*** On January 21, the H-Canyon control room received alarms indicating a loss of normal cooling water, and responded by shutting down all processes. Operators found that all four cooling water return header isolation valves were closed, therefore dead-heading the cooling water return. The valves were reopened, water flow returned to normal, and the alarms were cleared. Investigators determined that an oncoming shift operator attempted to place the cooling tower in bypass because of a concern with cooling tower icing; however, the operator mistakenly operated the wrong valves and isolated the cooling tower. Instead of reporting the potential icing condition to the on-shift operators, the oncoming operator decided to take action without authorization and altered the operating configuration of the cooling water system.

Fire Protection – 1 occurrence at 1 site

- ***NA – Office of Secure Transportation (Significance Category 2).*** On January 29, a grass fire spread rapidly because of 40 mph winds and burned down several leased buildings containing some DOE equipment. The Office of Secure Transportation (OST) suffered the loss of 11 buildings with stored equipment valued at approximately $1.3M. Also, a retired, empty OST Safe-Secure Trailer (SST), used for training, was caught in the fire and sustained minor burn damage. OST HQ sent an engineering team to inspect the damage to the SST, including a Sandia National Laboratories industrial hygienist. The results of this survey showed that all constituents of concern were below safety and health concern levels.

Environmental Release / Compliance – 1 occurrence at 1 site

- ***SC – Argonne National Laboratory (Significance Category 2).*** On January 29, a Facilities Management & Services Division Off-Shift Foreman was driving by Building 108, the site's central steam boiler house, when he noticed a leak traveling across a gravel yard from the secondary containment surrounding a 3,000-gallon sulfuric acid tank. Emergency response was initiated and an open drain valve for the secondary containment was found and closed. The tank was inspected and a leaking tank drain valve was found underneath the tank. The leak travelled to a manhole adjacent to Building 116, the coal crusher house. From there, any drainage material flows to the coal pile retention pond and is pumped to the equalization pond. Required notifications were made to the National Response Center, the Illinois Emergency Management Center, DOE-ASO, and the DOE EOC at Headquarters. The remaining acid in the tank and in the secondary containment was pumped into a semi-trailer acid tanker. Additionally, the secondary containment was treated to neutralize any residue. Extreme weather conditions prevented immediate remediation of the gravel area. There was no loss of product from the site.

Other Occurrences (28). 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	1	1	4	4
Near Miss	0	0	0	0	0
Authorization Basis	1	3	2	6	5
Radiological Concerns	1	0	0	1	1
Environmental	0	2	1	3	2
Fire Safety	0	2	0	2	2
Shipping/Quality Assurance	0	2	0	2	2
Criticality Concerns	1	0	0	1	1
Industrial Operations	0	0	0	0	0
Conduct of Operations	4	2	0	6	6
Electrical Safety	1	3	0	4	4
Vehicle Accident	0	0	0	0	0
Equipment Failures	1	1	1	3	3
Safeguards and Security	0	0	1	1	1
Suspect & Counterfeit Parts	0	0	0	0	0
Other	0	0	0	0	0
Total	**11**	**16**	**6**	**33**	

Secretarial Office Summary

National Nuclear Security Administration	16 occurrences	(6 sites)
Office of Environmental Management	7 occurrences	(3 sites)
Office of Legacy Management	1 occurrence	(1 site)
Office of Nuclear Energy	3 occurrences	(1 site)
Office of Science	6 occurrences	(4 sites)