EOC Daily Emergency Management Report

Date: 01/16/2014
Time: 1015 EST
Report No: 011-14

Alerts & Warnings
FEMA National Watch Center – Watch/Steady State
National Terrorism Advisory System (NTAS) – No Current Alerts
Continuity of Operations (COOP) COGCON Level is 4
EPA HQ at Level 6 (Steady State)

EPA Headquarters Activities
The ASPECT (Airborne Spectral Photometric Environmental Collection Technology) aircraft, located in Addison, TX, was out of service starting 0600 15 Jan 2014. A status report will be sent out when all inspections are complete.

The Portable High Throughput Integrated Laboratory Identification Systems (PHILIS) located in Edison, NJ and in Castle Rock, CO are operational and available for deployment.

The ERT Trace Atmospheric Gas Analyzer (TAGA) (Las Vegas, Edison, and RTP) and Mobile Command & HazMat Truck (Erlanger and Las Vegas) are available for deployment.

Significant National Weather

Severe Weather: No organized severe thunderstorm activity is forecast for today.

Significant Flood Outlook: There is significant river flooding occurring today in portions of South Carolina and Georgia. River flooding is also possible along the Kankakee River in northern Illinois due to moderate levels of ice.

Critical Fire Weather: Critical Fire Weather is forecast today for the coastal mountains, foothills and valleys of Southern California. There are also elevated fire conditions and Red Flag Warnings in the San Francisco Bay area, the ranges of central and northern California and in the Central and Southern Plains. The elevated conditions are due to the presence of high winds, dry fuels and low relative humidity values in the affected areas.

Tornado Weather: There is a less than a 2-percent chance of tornado activity in all regions today.

Earthquake Activity: On January 16 at 2:33 a.m. EST, the United States Geological Survey (USGS) reported that a magnitude 5.8 earthquake occurred approximately 3 miles to the west-northwest of Amatignak Island, Alaska at a depth of 29 miles. The USGS issued a Green Pager Alert for the event indicating a low likelihood for economic loss and fatalities and there was no tsunami threat.

Tropical Weather: There is no tropical cyclone activity impacting any lands at this time.

Report of Incident Notifications

Region 4, NRC# 1071271 – McLeod Road Mercury Spill, Orlando, Orange County, Florida:
On the afternoon of 01/15/2014 a mercury spill occurred in a doctor's office in Orlando, Florida. The spill originated from a blood pressure device that contained mercury. It is estimated that over one pound of mercury was spilled. Florida Department of Environmental Protection (FDEP) responded and determined that air concentrations in the building were above action levels. The doctor's office has hired an environmental contractor to conduct the clean-up. A Region 4 OSC mobilized to the scene to support the response and provide additional air monitoring support.

Region 5, Fire at Environmental Recycling Group, Livonia, Michigan (Suburb of Detroit):
On 1/15/14 a fire occurred at Environmental Recycling Group in Livonia, Michigan, a suburb of Detroit. The facility is a waste-recycling and transfer business. The building involved in the fire contained approximately 200 drums and several thousand items of household hazardous waste. EPA Region 5 was notified of the fire by the Michigan Department of Community Health. EPA Region 5 has deployed START contractors to assist with air and water monitoring. An EPA Region 5 OSC is also participating in incident action briefings and coordinating with Michigan Department of Environmental Quality and Wayne County Hazmat. The fire is currently out. Some fire run-off water may have reached the Rouge River (tributary of the Detroit River). An off-site lift station has been shutdown preventing further release of water run-off. Air monitoring has not detected any off-site impacts.

Update:
Region 3, Chemical Spill, Charleston WV – Report as of 1600 January 15, 2014
On January 10, the President approved an Emergency Declaration for 10 counties in West Virginia after a chemical leaked through a secondary containment area at a Freedom Industries chemical plant and into the Elk River in Charleston, WV. The spill occurred near the Kanawha Valley Water Treatment Plant. West Virginia water authorities have issued a "Do Not Use Water Notice" for 10 counties. West Virginia American Water (WVAW) customers are told not to use tap water for drinking, cooking, washing, or bathing. This is believed to impact 100,000 customers (300,000 people).

The "DO NOT USE" water advisory in place for the 300,000 West Virginians began lifting on 1/13 by zone and according to proximity to the water plant. The WVAWC lifted the drinking water use restrictions in more zones on the morning of 1/15, advising customers that they could use water for all purposes after flushing their plumbing systems, allowing more than half of the 300,000 persons served by the system) can now use their water for all purposes. The Ohio River Valley Water Sanitation Commission (ORSANCO) is sampling in the Elk and Ohio Rivers. ORSANCO reports that the leading edge of the plume was detected at 9:00 pm on January 14th at Meldahl Locks and Dam, at Ohio River mile 436.

The morning meeting was conducted with the following staff: EPA, WVDEP, CSB, USCG, OSHA, USF&W, the facility, the facility's contractor, Attorney General representative, and USCG. A contractor

will pump water collecting in the secondary containment of the tank farm into vacuum trucks along with water from the interceptor trench.

The facility tested the water emerging from the storm drain area and preliminary results detected fluorine in the water. The water company believes that the area has a broken pipe that they are currently preparing to repair. The repair should diminish the flow of water emerging at the storm drain area.

The facility also deployed boom in accordance with USCG's strategy that WVDEP and EPA approved. WVDEP requested that additional horizontal booms (absorbent) be placed inside the hard boom, which the facility agreed to complete. USCG removed the three mile safety zone restriction in the river. Commercial traffic will receive a broadcast alerting traffic of the boom at the facility.

The facility's contractor will punch test holes into the area surrounding the tanks to investigate the presence of product. If the product is detected, sumps will be dug to vacuum the product out and transfer it into tanker trucks. The empty MCHM tanks will not be cut up or removed from the site until the product is removed. EPA's contractor is producing a map depicting the deployed boom, interceptor trench, liner, culvert area, and hydro-punch locations.

EPA, WVDEP, and USCG, approved the facility's proposal to install a Drain along the base of the slope. Excavated dirt resulting from the drain installation will be stored in a lined roll-off located on site and will undergo testing for disposal. In addition, silt fence will be installed along the base of the slope to prevent erosion of soils into the river.

There were 37 epaosc.org websites created and/or updated during this reporting period (1/15/14-1/16/14).

Exercises/Predeployments

There are no exercises or predeployments today.

Regional Daily Ops Status Report

Reported activities primarily represent NRC notifications with some State-level and other notifications to Regional Phone Duty Officers.

Reported Activities (1/15/14-1/16/14)

Region	Oil	Hazmat	Radiation	Other	Total
Region 1	3	0	0	0	3
Region 2	3	0	0	1	4
Region 3	5	0	0	2	7
Region 4	12	2	1	2	17
Region 5	3	3	0	3	9
Region 6	5	3	0	2	10
Region 7	1	1	0	0	2
Region 8	0	0	0	0	0
Region 9	5	0	0	1	6
Region 10	3	5	0	1	9
Total	40	14	1	12	67

Note: There were 7 unclassified events in the Hotline Log

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