EOC Daily Emergency Management Report

Date: 01/15/2014
Time: 1000 EST
Report No: 010-14

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, is out of service starting 0600 15 Jan 2014 and extending through 2200 15 Jan 2014 for FAA inspections. A status report on 15 Jan 2014 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 central South Carolina and along its borders with Georgia and North Carolina. River flooding is possible along the Kankakee River in 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 on the western slopes of the Sierra Nevada mountains. 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 15 at 4:35 a.m. EST, the United States Geological Survey (USGS) reported that a magnitude 4.4 earthquake occurred approximately 3 miles to the north of Fontana, California at a depth of 3.2 miles. The USGS issued a Green Pager Alert for the event indicating a low likelihood for economic loss and fatalities.

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

Report of Incident Notifications

Region 4, NRC# 1070627 – Ohio River MCHM Spill, Kanawha County, West Virginia/Ashland, Boyd County, Kentucky: A Region 4 OSC mobilized to Cincinnati, Ohio on 12/14/13 to support the response to the Ohio River MCHM Spill. MCHM from the Charleston, WV incident has been detected down river near Ashland, Kentucky and EPA Region 4 and the Kentucky Department of Environmental Protection (KYDEP) are concerned about further impact downstream. The Region 4 OSC plans to integrate with ORSANCO and facilitate data sharing and transfer with EPA and KYDEP, as well as review data quality and response adequacy. The Region 4 OSC will activate ERT personnel to assist with data and method reviews and potential future supplemental sampling.

Region 10, Chlorine Gas Leak, Camano Island, Washington: A Region 10 OSC, along with four EPA START contractors, was deployed to assist the Camano Island Fire Department in assessing a chlorine gas leak that occurred late last night at a private residence on the island. A private resident was attempting to cut an old steel pressurized tank when the chlorine gas release occurred. Between 25 and 50 citizens in the neighborhood were evacuated and temporarily relocated to a nearby fire station. Two citizens were transported to the local hospital for chlorine gas exposure. The Region 10 OSC will integrate into Unified Command with the Camano Island Fire Department and assist with air monitoring, assessment of the pressurized tank, cleanup, and disposal.

Update:
Region 3, Chemical Spill, Charleston WV – Report as of 2000 January 14, 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. Area hospitals were flushed first on the morning of 1/14 and then it was announced that Zone 1 was given the go-ahead to begin. As of 1/14, Water Company official said 90% of their samples are now well below the health risk level for HCHM. National Guard Gen. Hoyer said over 600 samples had been taken and 264 analyzed.

A confined-space certified contractor entered the breached tank in the presence of the CSB, EPA, and the Attorney General's staff on 1/14. The purpose was to witness the photography of the hole in the bottom of the tank.

Poly liner was placed on the surface of the site soils, beginning under the mouth of the storm water pipe and extending down the slope, then along the existing interceptor trench. The liner should contain all of the storm water that is flowing beneath the secondary containment of the tank farm. The contractor continually pumped the storm water into vacuum trucks. WVAW began to replace the entire section of water line that runs adjacent to the facility, which is located on the opposite side of the road. This new line may diminish the water flowing beneath the containment pad.

Analytical results are expected this morning (1/15) for the soil sample data from the geoprobe/sampling operations and water sample data from the river sampling program, which is continuing. Plans remain to punch sumps around the breached tank to investigate the possible presence of the MCHM beneath the tank farm. WVDEP determined that the half-life of the chemical mixture is 28 days in soil; the half-life of the chemical mixture in water may possibly be 14 days or less.

USCG, WVDEP, EPA, and the facility held a meeting to discuss USCG's boom deployment strategy which was approved by WVDEP and EPA. The facility agreed to the strategy and directed their contractor to deploy the boom. The contractor deployed boom around the Etowah River Terminal's outfall, located at the southwestern end of the facility and also at the northeastern end of the facility, approximately 20 feet upstream of the property fence line (upstream of the spill area). The boom installed at the WVAW was removed last night (1/14). WVAWC's protective measures will remain in place.

There were 27 epaosc.org websites created and/or updated during this reporting period (1/14/14-1/15/14).

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 (1/14/14-1/15/14)

Region	Oil	Hazmat	Radiation	Other	Total
Region 1	1	0	0	1	2
Region 2	2	2	0	0	4
Region 3	7	1	0	2	10
Region 4	11	3	0	1	15
Region 5	3	1	0	3	7
Region 6	2	2	0	2	6
Region 7	0	0	0	0	0
Region 8	0	0	0	0	0
Region 9	5	0	0	2	7
Region 10	0	1	0	1	2
Total	31	10	0	12	53

Note: There were 13 unclassified events in the Hotline Log

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