To: Eoc, Epahq[Eoc.Epahq@epa.gov]
From: Eoc, Epahq
Sent: Mon 1/27/2014 3:39:44 PM
Subject: EOC Daily Management Report for 1-27-2014
EOC Daily Report_1_27_14.docx

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EOC Daily Emergency Management Report

Date: 01/27/2014

Time: 1030 EST

Report No: 016-14

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 is located in Addison, TX and is operational and available for deployment.

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 along the border of South Carolina and Georgia.

Critical Fire Weather: There are no areas of critical fire weather forecast for today.

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

Earthquake Activity: No significant earthquake activity.

Tropical Weather: There is no tropical cyclone activity forecasted for the Atlantic or Pacific Oceans at this time.

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Report of Incident Notifications

Update: **Region 3, Chemical Spill, Charleston WV – January 27, 2014**

On January 10, the President approved an Emergency Declaration for 10 counties in West Virginia after 4-methylcyclohexanemethanol (MCHM) leaked from a tank and through a secondary containment area at a Freedom Industries chemical plant and into the Elk River in Charleston, WV. The spill occurred near the West Virginia American Water (WVAW) Treatment Plant. West Virginia water authorities issued a "Do Not Use Water Notice" for 10 counties telling them not to use tap water for drinking, cooking, washing, or bathing, which impacted 100,000 customers (300,000 people).

The West Virginia Department of Environmental Protection (WVDEP) approved a load of a mixture of glycerin and river water for shipment off site. The plan of action is that all storage tanks inside the containment will be emptied, cleaned, and removed from the site.

However, Big Run Landfill has now declined to accept the waste from Freedom Industries, concerned that the waste could enter their leachate, which is processed by a local wastewater treatment plant. -WVDEP is planning to contact Big Run Landfill to further discuss the properties of MCHM. Freedom Industries is also exploring other options for disposal.

The West Virginia Division of Homeland Security and Emergency Management has posted operational sampling results for January 23, 24, and 25 (http://www.dhsem.wv.gov/Pages/WV-American-Water-Emergency.aspx

This weekend, the facility continued to pump water from outside of the secondary containment area. The majority of the site is frozen and most of the holes/sumps dug inside the tank containment are frozen and cannot be pumped. The facility dug a hole behind Tank 394 about three feet down and found only loose fill, not the expected gravel/compacted soil. The hole was to prepare for a planned vertical French drain that could vacuum product from under the tanks. The subsurface loose fill and brick debris make the planned French drain ineffective for recovering product.

Ice in the river continues to be a significant issue with maintaining the river boom in place. The facility contractor is attempting to break the ice and to properly position the river booms. Because of the ice, once the boom is repositioned further from the river bank it will be allowed to freeze in place.

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The facility and its remediation consultant, CEC, are scheduled to meet with WVDEP and EPA today, January 27, 2014, to discuss the remediation plan.

This past weekend, chemists and lab managers have formed a group to share information about the analysis of MCHM and PPH. The group participants include the National Guard, WV American Water, American Water Research, REI Consulting, DuPont, Dow, Matric, NIH, EPA R3 Lab and the EPA ERT lab. The group is communicating by e-mails and conference calls.
http://emergency.cdc.gov/chemical/MCHM/westvirginia2014/index.asp

EPA Region 3 continues to monitor and provide oversight of facility activities at the Freedom Industries tank farm site and the Poca staging facility. EPA continues to coordinate with WVDEP and WVAWC.

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There were 32 epaosc.org websites created and/or updated during this reporting period (1/24/14-1/27/14).

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Exercises/Predeployments

There are no exercises or predeployments today.

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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 (1/24/14-1/27/14)

Region

Oil

Hazmat

Radiation

Other

Total

Region 1

0

1

0

0

1

Region 2

2

1

0

0

3

Region 3

6

1

0

2

9

Region 4

18

8

0

6

32

Region 5

4

4

0

4

12

Region 6

7

26

0

4

37

Region 7

0

0

0

1

1

Region 8

1

0

0

1

2

Region 9

9

1

1

3

14

Region 10

2

1

0

4

7

Total

49

43

1

25

118

Note: There were 25 unclassified events in the Hotline Log

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