From:	Meer, Daniel
To:	Steiner, Cyntia
Cc:	Lawrence, Kathryn; Johnstone, Jeremy; Allen, HarryL; Nixon, Donald
Subject:	RE: Valero Refinery Flaring Incident
Date:	Monday, May 08, 2017 8:47:16 AM

Thanks very much. That is excellent and collaborative work on a short fuse. I will review the CIPP and send it on to OEM

Dan

Daniel A. Meer, Assistant Director
Superfund Division
Emergency Response, Preparedness and Prevention Branch
415.972.3132 (O)
415.971.6792 (C)

From: Steiner, Cyntia
Sent: Monday, May 08, 2017 8:21 AM
To: Meer, Daniel <Meer.Daniel@epa.gov>
Cc: Lawrence, Kathryn <Lawrence.Kathryn@epa.gov>; Johnstone, Jeremy <Johnstone.Jeremy@epa.gov>; Allen, HarryL <Allen.HarryL@epa.gov>; Nixon, Donald <Nixon.Donald@epa.gov>
Subject: RE: Valero Refinery Flaring Incident

I updated CIIP with information on ..

> Clean Air Act;
> Spill Prevention, Control, and Countermeasure Regulations (SPCC) and Facility Response Plan Regulations (FRP); and
> National Pollution Discharge Elimination System (NPDES).

From: Nixon, Donald
Sent: Friday, May 05, 2017 4:22 PM
To: Meer, Daniel <Meer.Daniel@epa.gov>
Cc: Lawrence, Kathryn <Lawrence.Kathryn@epa.gov>; Johnstone, Jeremy <Johnstone.Jeremy@epa.gov>; Allen, HarryL <Allen.HarryL@epa.gov>; Steiner, Cyntia <Steiner.Cyntia@epa.gov>
Subject: RE: Valero Refinery Flaring Incident

Dan;

Using your examples, attached is an incomplete draft CIIP.

I am still working on finding the compliance and enforcement details for:

Clean Air Act;

Spill Prevention, Control, and Countermeasure Regulations (SPCC) and Facility Response Plan Regulations (FRP); and
National Pollution Discharge Elimination System (NPDES).

With Cyntia's help, we will try to finish Monday as you requested.

Thanks,

Don Nixon, CHMM, CSP
Chemical Accident Prevention Program
EPA Region IX, SFD-9-3, Superfund Division
Emergency Prevention & Preparedness Section
75 Hawthorne Street
San Francisco, CA 94105
415-972-3123

From: Meer, Daniel
Sent: Friday, May 05, 2017 1:24 PM
To: Lee, Eugene <Lee.Eugene@epa.gov>
Cc: Nixon, Donald <Nixon.Donald@epa.gov>; Lawrence, Kathryn <Lawrence.Kathryn@epa.gov>; Johnstone, Jeremy <Johnstone.Jeremy@epa.gov>; Eoc, Epahq <Eoc.Epahq@epa.gov>; Allen, HarryL <Allen.HarryL@epa.gov>
Subject: Re: Valero Refinery Flaring Incident

Sure thing. I suspect this will be relatively short term incident.

Check with Harry Allen or the spill phone if u need any details

Sent from my iPhone
Daniel Meer
Assistant Director
Superfund Division
USEPA, Region 9

On May 5, 2017, at 12:43 PM, Lee, Eugene <Lee.Eugene@epa.gov> wrote:

> Dan – If you have a sense of your reporting cycle and/or any calls later today or over the weekend, please keep the HQ EOC and me in the loop.
>
> Thanks
>
> Eugene
>
> ---

From: Meer, Daniel
Sent: Friday, May 05, 2017 3:27 PM
To: Lee, Eugene <Lee.Eugene@epa.gov>
Cc: Nixon, Donald <Nixon.Donald@epa.gov>; Lawrence, Kathryn <Lawrence.Kathryn@epa.gov>; Johnstone, Jeremy <Johnstone.Jeremy@epa.gov>
Subject: RE: Valero Refinery Flaring Incident

Don Nixon is the staff person who is looking at past compliance information. I am pretty sure that last RMP inspection was a number of years ago, perhaps as far back as 2011

Daniel A. Meer, Assistant Director
Superfund Division
Emergency Response, Preparedness and Prevention Branch
415.972.3132 (O)
415.971.6792 (C)

From: Lee, Eugene
Sent: Friday, May 05, 2017 12:18 PM
To: Meer, Daniel <Meer.Daniel@epa.gov>; Eoc, Epahq <Eoc.Epahq@epa.gov>
Cc: Lawrence, Kathryn <Lawrence.Kathryn@epa.gov>
Subject: RE: Valero Refinery Flaring Incident

Understood and we will let the OEM'ers know that you are working on it…

Eugene

From: Meer, Daniel
Sent: Friday, May 05, 2017 3:16 PM
To: Eoc, Epahq <Eoc.Epahq@epa.gov>
Cc: Lee, Eugene <Lee.Eugene@epa.gov>; Lawrence, Kathryn <Lawrence.Kathryn@epa.gov>
Subject: RE: Valero Refinery Flaring Incident

It might be Monday, we are very thin on staff today.

Daniel A. Meer, Assistant Director
Superfund Division
Emergency Response, Preparedness and Prevention Branch
415.972.3132 (O)
415.971.6792 (C)

From: Eoc, Epahq
Sent: Friday, May 05, 2017 11:49 AM

To: Meer, Daniel <Meer.Daniel@epa.gov>
Cc: Lee, Eugene <Lee.Eugene@epa.gov>; Lawrence, Kathryn <Lawrence.Kathryn@epa.gov>
Subject: RE: Valero Refinery Flaring Incident

As soon as you can manage given your current response priorities.

Including a few more documents and examples for your reference. Thanks much.

Pete Oh, Sr. Watch Officer
U.S. Environmental Protection Agency
Headquarters Emergency Operations Center
1200 Pennsylvania Ave
Washington, DC 20004
202-564-3850 (24hrs)
eoc.epahq@epa.gov

From: Meer, Daniel
Sent: Friday, May 05, 2017 2:44 PM
To: Eoc, Epahq <Eoc.Epahq@epa.gov>
Cc: Lee, Eugene <Lee.Eugene@epa.gov>; Lawrence, Kathryn <Lawrence.Kathryn@epa.gov>
Subject: RE: Valero Refinery Flaring Incident

How soon for the ciip?

Daniel A. Meer, Assistant Director
Superfund Division
Emergency Response, Preparedness and Prevention Branch
415.972.3132 (O)
415.971.6792 (C)

From: Eoc, Epahq
Sent: Friday, May 05, 2017 11:40 AM
To: Meer, Daniel <Meer.Daniel@epa.gov>
Cc: Lee, Eugene <Lee.Eugene@epa.gov>; Eoc, Epahq <Eoc.Epahq@epa.gov>
Subject: RE: Valero Refinery Flaring Incident

Hi Dan,
Thanks so much for this information. We'll be preparing an EOC Spot Report out of HQ. OEM Management has requested a CIIP from Region 9 for this incident. I am attaching an example CIIP from Region 7 for reference. The CIIP begins on page 3. Please let me know if you have any questions.

Pete Oh, Sr. Watch Officer
U.S. Environmental Protection Agency
Headquarters Emergency Operations Center
1200 Pennsylvania Ave
Washington, DC 20004
202-564-3850 (24hrs)
eoc.epahq@epa.gov

From: Meer, Daniel
Sent: Friday, May 05, 2017 1:53 PM
To: R9_ER List <R9_ER_List@epa.gov>
Subject: Valero Refinery Flaring Incident

Overview:

- At approximately 0615 hours Pacific Time, a power outage at the Valero Refinery in Benicia, CA caused a large, unplanned flaring incident. The power outage was apparently due to activity by the local utility, Pacific Gas & Electric. The refinery continues to be without power.

- The heavy smoke from the flaring caused local authorities to order and implement small scale evacuations and shelter-in-place in Benicia, in the immediate vicinity and downwind of the facility. An unknown number of people were evacuated from a nearby industrial park at 0745 hours. The shelter-in-place orders continue, including two elementary schools (Roberts Temple and Mathew Turner) to the north of the facility. Evacuation advisories, however, have been lifted.

- Steady westerly winds appear to be dissipating the thickest plumes of smoke and the smoke and flaring activity appear to be decreasing. However air quality is described as 'bad' with heavy to a severe smell of sulfur dioxide in neighborhoods downwind of the refinery. Ground level fence line monitors at the refinery are showing 5 ppb SO2. No sampling has occurred as of 1030 hours.

- The Valero Refinery is reporting their initial estimates that 9,403 pounds of material have been released by the flaring.

Federal, State and Local Authority Actions:

- Multiple state and local authorities responded immediately to the incident.
- They include the **Bay Area Air Quality Management District** that deployed a mobile monitoring van with real time SO2 monitoring capability and personnel to take summa canister samples;
- the **California Air Resources Board** which has modeling staff on standby if needed and is deploying particulate monitors (EBAMS) for PM10 and PM2.5;
- the **Solano County Hazardous Materials Unit** responded at the request of the **Benicia Fire Department**;
- Solano County HazMat is maintaining contact with the Bay Area AQMD and the neighboring Contra Costa County Community Warning System;
- the **California Occupational Safety and Health Administration** is sending staff to the refinery.
- Several roads and highways near the facility have been closed by the **City of Benicia** and the **California Highway Patrol**.

EPA Actions:

- Region 9 mobilized 2 OSCs - Maggie Waldon and Steve Calanog - and 3 technical assessment contractors to the Unified Command. EPA is deploying hand held monitors for SO2, H2S and particulates at the request of the Bay Area AQMD;
- The Region will maintain its close contact with local and state authorities that are responding.

Media Interest

Local media interest is high.

http://kron4.com/2017/05/05/flaring-at-valero-refinery-in-benicia/

Daniel A. Meer, Assistant Director
Superfund Division
Emergency Response, Preparedness and Prevention Branch
415.972.3132 (O)
415.971.6792 (C)