From: Lawrence, Kathryn
To: Nixon, Donald
Subject: RE: Valero Cogen discussion
Date: Friday, May 12, 2017 9:32:42 AM

Don't know

From: Nixon, Donald
Sent: Wednesday, May 10, 2017 4:23 PM
To: Lawrence, Kathryn <Lawrence.Kathryn@epa.gov>; Meer, Daniel <Meer.Daniel@epa.gov>; Allen, HarryL <Allen.HarryL@epa.gov>; Waldon, MARGARET <Waldon.Margaret@epa.gov>
Cc: Steiner, Cyntia <Steiner.Cyntia@epa.gov>
Subject: RE: Valero Cogen discussion

Did the cogen trip also cause a drop in steam available to the flares, or did they also lose a steam boiler prior to the flaring?

From: Lawrence, Kathryn
Sent: Wednesday, May 10, 2017 3:44 PM
To: Meer, Daniel <Meer.Daniel@epa.gov>; Allen, HarryL <Allen.HarryL@epa.gov>; Waldon, MARGARET <Waldon.Margaret@epa.gov>
Cc: Nixon, Donald <Nixon.Donald@epa.gov>; Steiner, Cyntia <Steiner.Cyntia@epa.gov>
Subject: Valero Cogen discussion

I talked to Clyde Trombettas at Cal-OSHA today.

A PSM team has been on site the last couple of days looking at issues related to the recent incident. They focused mainly on the flare system. Clyde indicated that they were generally satisfied with Valeros equipment and procedures and did not think there would be further follow-up. We talked about the back-up power/CoGen issue and he shared the following observations:

In 2002 Valero added a cogen because of issues with supply from PGE. The cogen was designed to provide sufficient on-site power capacity in the event of a PGE power loss to allow the facility to stay in operation as it shut down (if the interruption was extended). In 2011, Valero added a fuel gas system which requires 9 megawatts . With those expanded power requirements the cogen can't handle full capacity power needs. On top of that, the COGEN apparently tripped off at the time of the power loss and was unable to provide ANY power to aid in a safer more paced shut down of the facility. Everything went to flare.

Valero was unable to quickly restart the COGEN because they do not have a certified electrician at the plant.

Based on Clyde's report, Valero had/has asked for permits to upgrade the COGEN in the past (and likely in conjunction with the other plant upgrades) but they were denied approval from the city and the BAAQMD. Whether that was conditional disapproval (i.e. included design improvement requirements that Valero wasn't willing to do) or that it was an outright no.

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