Message

From: Snyder, Erik [snyder.erik@epa.gov]
Sent: 8/21/2020 7:53:19 PM
To: Joshua Smith [joshua.smith@sierraclub.org]
CC: Feldman, Michael [Feldman.Michael@epa.gov]; Donaldson, Guy [Donaldson.Guy@epa.gov]
Subject: RE: Xcel-SPS Harrington Station Data
Attachments: TCEQ_DRAFT_Protocol_Harrington_v4.0.pdf

Hi Josh,

Good talking with you.

We have not received any modeling information from SPS-Xcel for their Harrington station. TCEQ was doing some initial modeling to potentially inform the designation process for a number of sources and did share a DRAFT modeling protocol with us earlier this year (late February) but that is the only thing I have. The protocol does have some fenceline indicated and the major building structures identified but I didn't see the exact dimensions indicated. TCEQ has not shared any modeling with us and my understanding was if it was used it would likely be in response to our 120-day letters on Round 4 designations.

I will note that you should be able to get the emission data and some other information from EPA's CAMD and also EPA's NEI, but I don't have that information downloaded. Some information is also available from TCEQ's STEERS (emissions database). There is some information available from TCEQ permit modeling pages including the following page that includes their approach to getting elevation data.
https://www.tceq.texas.gov/permitting/air/guidance/newsourcereview/nsr_mod_guidance.html

I'm attaching the DRAFT protocol but we did not receive a final protocol.

Take care.

-Erik

From: Joshua Smith <joshua.smith@sierraclub.org>
Sent: Tuesday, August 18, 2020 6:33 PM
To: Donaldson, Guy <Donaldson.Guy@epa.gov>; Snyder, Erik <snyder.erik@epa.gov>
Subject: Xcel-SPS Harrington Station Data

Guy and Erik,

I hope you're staying healthy, safe, and sane.

We're trying to track down some information about SO2 emissions and modeling out at SPS-Xcel's Harrington Station in west Texas, and I figured it wouldn't hurt to ask you.

Specifically, we're looking for:

1. Any recent modeling reports and underlying modeling files for compliance with the SO2 NAAQS. We're hoping that this might include stack base elevation, stack height, stack exit diameter, stack flow rate at different loads (100% and 50%), stack exit temperature at different loads (100% and 50%), building and structure dimensions, and the fenced boundary location.

and/or

2. The following data for 2017-2019: Hourly stack flow rate; Hourly stack temperature; and Hourly SO2 emissions.

Do you happen to have access to this information, or could you point me in the direction of someone who might?

Thank you!

Josh
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