

April 26, 2022

Melanie Bachman, Esq.  
Executive Director  
Connecticut Siting Council  
Ten Franklin Square  
New Britain, CT 06051

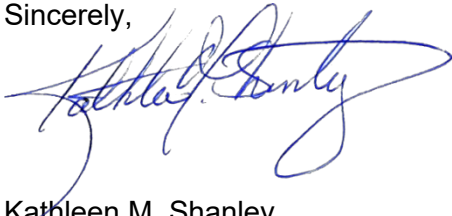
Re: Petition No. 1484 – Modifications to Gales Ferry Substation

Dear Ms. Bachman,

This letter provides an original and 15 copies of the responses to the requests for information listed below:

Responses to CSC-03 Interrogatories, dated February 22, 2022  
CSC-22 through CSC-23.

Sincerely,



Kathleen M. Shanley  
Manager – Transmission Siting

Date Filed: April 25, 2022

**Request from: Connecticut Siting Council**

**Question22:**

What type of insulating oil/fluid is used within the mobile transformer? Is the oil biodegradable or have other properties so that it is not hazardous to the environment in the event of a spill?

**Response:**

The insulating oil/fluid used within the mobile transformer will be the current industry standard PCB-free mineral oil. The mineral oil is not biodegradable and does not have other properties that would render it harmless to the environment in the event of a spill. As explained in greater detail in the response to Question 23, no filling or re-filling of the mobile transformer would be required and secondary containment would be in place to prevent a release to the environment in the event of an unanticipated leak.

Date Filed: April 25, 2022

**Request from: Connecticut Siting Council**

**Question23:**

Describe oil/fluid containment measures associated with the mobile transformer. Given that the mobile transformer would be installed on temporary matting within a wetland area, would secondary containment measures be installed to protect the wetland from a transformer oil/fluid leak?

**Response:**

Yes, the mobile transformer would be installed on an impervious secondary containment system that will be sized to accommodate 150 percent of the volume of the mineral oil contained in the mobile transformer, which would, in the highly unlikely event of a leak, prevent any releases of mineral oil from entering the wetland.