

## Payonk v PECO Complainant Late filed Exhibit G

Payonk v PECO C-2020-3021202

Your Honor,

Attached please find the article 450 of the NEC (National Electric Code) regarding transformer vaults. Apologies for the late response as I am in Chicago at the moment with my son who is getting transfusions. Different time zone.

Please note section 540.2 requires "vault

1. walls..shall be constructed of materials that have approved structural strength for the conditions with a minimum fire resistance of 3 hours. **Informational Note No. 2: A typical 3-hour construction is 150 mm (6 in.) thick reinforced concrete."**

*The current vault is definitely NOT 6" thick and it is highly suspected to be made out of asbestos as fiber glass was not the material of choice for similar applications during the 1960's.*

2. "The floors in contact with the earth shall be of concrete that is not less than 100 mm (4" thick)"

*Confirmed a concrete pad/floor, per spec, is required to be installed under a transformer. Currently there is NO concrete pad, as PECO verified during the hearing only gravel was used (as also seen in the Atty's Scott's photos)*

Article 450 is attached. It is my understanding NEC vault requirements only apply when a vault is required for transformers containing oil-insulation or is rated over 35,000V.

As previously noted in Atty Scott's photos, the transformer contains, as per the label, oil.

Best regards,  
Sabrina Payonk (1/8/21)

Complainant Late-filed Exhibit G