From: Dave Hammond <davehammond@gmail.com>

Sent: Thursday, December 20, 2018 2:33 PM

To: Herbert Eckerlin

Cc: Thomas G. Benton; Aimee Mann; Paul D. Trampe; Chris Yakabouski; Kevin Marshall; Timothy J. McLaughlin; David Ross; Paulette Mann; grenewpc@gmail.com; 2021sheriffsmith@gmail.com; berkeleymaddox@gmail.com; spotsysalem@gmail.com; Mark Taylor; Edward Petrovitch; Wanda Parrish; Paulette Mann; Patrick White; Concerned Citizens; Concerned Citizens Spo...; Russ Mueller; sfogarty77@verizon.com

Subject: Dr. Eckerlin's Expert Testimony

FYI -- I updated the combined document to include the correct attachment (see note below). The following link is to a single document with Dr. Eckerlin's emails and all of the attachments, to make it easier to read.

Eckerlin Expert Testimony 19Dec2018, sent to Spotsylvania Board of Supervisors, Planning Commission and staff

I will add a comment that in my discussions with Dr. Eckerlin about the risks associated with Cadmium, he indicated that all of the toxic compounds contained in the solar panels are of significant concern with these large utility scale facilities. All toxic compounds are at risk of leaching over the full life of the panels, and he is working with NC DEQ and US EPA officials to quantify those risks for various circumstances such as normal operation (likely relatively low risk), manufacturing, installation, decommissioning, disposal, recycling, and 'non-normal' operation such as destruction from a hurricane or tornado. He has included a lot of information about GenX since it is a recent development that is currently not well understood. That does not diminish the ongoing concerns with the other toxic compounds.

Best regards,

Dave Hammond

On Wed, Dec 19, 2018 at 6:03 PM Herbert Eckerlin <eckerlin1935@gmail.com> wrote:

Mr. Greg Benton

Chairman, Spotsylvania County Board of Supervisors

P.O. Box 99

Spotsylvania, VA.

RE: sPower Application

Dear Mr. Benton:

In the email that I sent to you this morning, I attached an earlier version of Item 3. The updated version, **The Evolution of the GenX Problem** is attached. Please replace the earlier version with the new one.

Thank you,

Herbert M. Eckerlin

"Let everything you do be done as if it makes a difference.

--
This email was Malware checked by UTM 9. http://www.sophos.com