



David M Rurak
03/16/2003 07:01 PM

To: Catherine A Barton/AE/DuPont@DuPont
cc: Mark C Hause/DuPont@DuPont, Charles J Zarzecki/AE/DuPont@DuPont
Subject: Re: ISC Model

Cathy,

I am not suggesting the model is being used inappropriately. It has provided valuable input. What I am looking for are documented limitations of the model. For instance, does it handle particulates and aerosols or materials that behave in both manners.

Thanks,
Dave
Catherine A Barton



Catherine A Barton
03/12/2003 04:39 PM

To: Mark C Hause/DuPont@DuPont
cc: David M Rurak/AE/DuPont@DuPont, Charles J Zarzecki/AE/DuPont@DuPont
Subject: Re: ISC Model

Dave,

Recall that we gave Ohio EPA our reference for how we are doing the modeling. That reference is EPA's Guideline on air Quality Models in 40 CFR 51Appendix W (you can find it at this link: http://www.epa.gov/scram001/guidance/guide/appw_01.pdf). If you scroll down to the bottom of the 50th page (page 435 on the document) you will see a summary of the ISC model. Here is an excerpt:

a. Recommendations for Regulatory Use

ISC3 is appropriate for the following uses:

- Industrial source complexes
- Rural or urban areas
- Flat or rolling terrain
- Transport distances less than 50 kilometers
- One hour to annual averaging times
- Continuous toxic air emissions

There really isn't an argument to say the model is being used inappropriately. Sorry to be the bearer of bad news.

-Cathie

Mark C Hause



Mark C Hause
03/12/2003 04:25 PM

EID747631

To: David M Rurak/AE/DuPont@DuPont
cc: Catherine A Barton/AE/DuPont@DuPont, Charles J Zarzecki/AE/DuPont@DuPont
Subject: ISC Model

Dave,

Per our discussion, I have spoken with Cathie on the need to investigate the model and its validity for 1 and 8 hour periods. She is investigating the documentation and will respond to you promptly. With regard to future work on modeling, in order to expedite communications, I suggest you communicate directly with Cathie and Charlie on this issue. Particularly since I will be travelling for the next several days. If there is anything that I can do to help, please let me know.

Thanks

EID747632