Roger J Zipfel
11/01/2001 01:01 PM

To: Robert F Pinchot/DEV/AE/DuPont@DuPont
cc:
Subject: Re: Operating information

Rob, I think the particle size in the PFA scrubber should be similar, as the thermodynamics are similar. However, in FEP things are different. The pH in FEP is lower, so I think that some of the losses maybe due to the acid form of the C-8. These losses could be as small as molecular size. No measurements have ever been made. But in any case they will not be greater than the ones in fine powder.

Roger.
Robert F Pinchot 11/01/2001 07:19 AM

**Robert F Pinchot** 11/01/2001 07:19 AM

To: Debbie J Mulrooney/AE/DuPont@DuPont
cc: Steven L Grise/AE/DuPont@DuPont, Roger J Zipfel/AE/DuPont@DuPont
Subject: Re: Operating information

Deb,

Here is the particle size distribution for the fine powder source. It is lower than what we we were thinking. Any differences in our thoughts concerning deposition. Now you can start the sensitivity analysis.

Roger, Do you expect the particle size for the other sources to be similar to these numbers?

Rob

---------- Forwarded by Robert F Pinchot/DEV/AE/DuPont on 11/01/2001 07:16 AM ----------

Roger J Zipfel
10/31/2001 01:35 PM

To: Robert F Pinchot/DEV/AE/DuPont@DuPont
cc:
Subject: Re: Operating information

Rob, attached spreadsheet gives data collected in 1996. I don't anything has changed since that time.

The spreadsheet gives four sets of data, all saying approximately the same thing. It appears that the particle size is mostly around 0.3 microns not the number I quoted on the phone.

Roger. FP C-8 Scr ex part size
Robert F Pinchot 10/31/2001 07:03 AM

**Robert F Pinchot** 10/31/2001 07:03 AM

To: Roger J Zipfel/AE/DuPont@DuPont

cc: Steven L Grise/AE/DuPont@DuPont, Ta-Wei Fu/SE/DuPont@DuPont, Bernard J Reilly/AE/DuPont@DuPont
Subject: Re: Operating information

Roger,

This should meet our needs for the time being.

Thanks for getting back to me on the particle size measurements. We will need the detailed data that you said you had. Please forward.

Thanks,
Rob