

David M Rurak
08/28/2001 07:59 AM

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cc: Stephen J Gissy/AE/DuPont@DuPont, Oscar T Garza/AE/DuPont@DuPont, Fred M
Lentz/SE/DuPont@DuPont, Robbin Banerjee/AE/DuPont@DuPont, Paul K Mathur/CL/DuPont@DuPont,
Raymond C Butterworth/CL/DuPont@DuPont, John R Flynn/AE/DuPont@DuPont, Amy L
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Zipfel/AE/DuPont@DuPont, Alvin H Gibson_Jr/CL/DuPont@DuPont, Debbie J
Mulrooney/AE/DuPont@DuPont
Subject: Re: ACTION ITEMS FROM APFO DISPERSION MODELLING

Ta-Wei,

You have my support to proceed. As Trini suggested, let's make sure the stack increases are optimum.

Thanks,
Dave
Ta-Wei Fu

Ta-Wei Fu
08/27/2001 11:34 PM

To: Stephen J Gissy/AE/DuPont@DuPont, Oscar T Garza/AE/DuPont@DuPont, Fred M
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Mulrooney/AE/DuPont@DuPont
Subject: ACTION ITEMS FROM APFO DISPERSION MODELLING

In our Netmeeting today on the dispersion modeling, several cases were run based on the forecasted APFO consumption for year 2003 at WW. The modelling results indicate that we need to do the followings in order to meet the CEG requirement.

1. The APFO removal efficiency for the Fine Powder dryer air scrubbing system has to be at least 85%. (Being addressed by W2 project)
2. The APFO removal efficiency for all dryer vents from FEP and PFA areas has to be at least 93%. (Being pursued by 6-Sigma/W7 project)
3. The vent stacks of all the APFO scrubbing systems need to be increased by 20-30 ft.

The modelling results of concentration contour are significantly affected by the increasing stack height. We need to start the work on evaluating options and cost for stack height increase as soon as possible in order to meet the timing for implementation during the April shutdown in 2002. The stack height for the scrubbing system in the Fine Powder area can be added to the current W2 project. The stack height for FEP and PFA areas need to be worked on separately.

I would like to have your concurrence and guidance on the proposed action items below:

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1. Increase the stack height in the on-going W2 project by 20-30 ft. (Include this in the current production design being pursued with JBEK Charleston)
2. Pursue feasibility evaluation and cost estimate to increase the stack height for FEP and PFA vents by at least 20ft. I will follow up with Al Gibson to find a economical and quick approach to get this work started with JBEK Charleston.

Your feedback are appreciated.

Ta-Wei

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