

 David M Rurak
02/10/2003 06:52 PM

To: Seiichi Tanaka/PO/DuPont@DuPont
cc: Ta-Wei Fu/CL/DuPont@DuPont, Hidetaka Hiromatsu/PO/DuPont@DuPont, Katsunosuke
Kitagawa/PO/DuPont@DuPont, Kazuaki Suzuki/PO/DuPont@DuPont, Akito Abe/AE/DuPont@DuPont,
Catherine A Barton/AE/DuPont@DuPont
Subject: Re : CEG Calculation at Shimizu Site 

Tanaka-san,

Please allow me to clarify a couple of items:

- 1) First of all, the CEG is not calculated for a plant site. The CEG is a guidance level established by Haskell Labs.
- 2) There are really two CEG levels; one for water and one for air.
- 3) We looked at the water concentrations in comparison to the water CEG when Hartten-san visited.
- 4) For the air, we would only do air modeling to compare air modeling concentrations to the air CEG. The concentrations are too low to detect by measurement.
- 5) The air modeling would be done by Cathy Barton in Wilmington and would not cost near as much as you are thinking.
- 6) Cathy can best tell us what data we need, but the meteorological data and geographic data are definitely something that can be used. We also use emission rates, stack highs and velocities, plus building heights, locations, etc. We don't need population density.

Hope this helps with our concerns.

Best Regards,
Dave
Seiichi Tanaka

 Seiichi Tanaka
02/10/2003 09:20 AM

To: David M Rurak/AE/DuPont@DuPont
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Kitagawa/PO/DuPont@DuPont, Kazuaki Suzuki/PO/DuPont@DuPont, Akito Abe/AE/DuPont@DuPont
Subject: Re : CEG Calculation at Shimizu Site

Greetings, Rurak-san

As it is listed on the attached minutes of the wrap up meeting with Ta-Wei Fu-san during his last visit to Shimizu in January, I would like to know your thought whether we should calculate CEG at Shimizu site.

Last year QRA was performed for Shimizu site using geographic data, population density, meteorological data and the other data for calculating PHI by engineering department.

It took much cost as 20MM\ for developing the dispersion model for the site. I think basically CEG would be calculated by using the similar dispersion model.

If we should calculate CEG, could we use the same dispersion model as QRA ? How much cost do

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we
need for calculation ?



0301-Minutes of Meeting with Ta

Best Regards, Tanaka

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