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8EHQ - 1006 - 16598^{p1}

AR226 - 3745



DuPont Haskell Laboratory
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October 23, 2006

VIA FEDERAL EXPRESS

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U.S. Environmental Protection Agency
1201 Constitution Avenue, NW
Washington, D.C. 20004-3302
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Dear Section 8(e) Coordinator:

Re: Perfluorooctanoic Acid (PFOA)
Updated Occupational Serum Sampling Results
First Chemical Corporation, Pascagoula, Mississippi

This submission provides updated PFOA serum sampling results for employees at the First Chemical Corporation (a wholly owned subsidiary of the DuPont Company) Pascagoula, Mississippi site.

In 2003, samples were taken from 73 employee volunteers prior to the startup of a process to produce firefighting foam surfactants.¹ In August 2006, samples were collected from 93 employees, some of whom had baseline samples collected in 2003. Results from the August 2006 sampling event, along with results from the prior sampling event in 2003, are provided in Attachment 1.

The results from the 2006 sampling event show PFOA levels that are generally corroborative of the results from the December 2003 sampling event for the Pascagoula site.² In addition, the results of both sampling campaigns (i.e., 2003 and 2006) show PFOA levels consistent with those previously reported to be found in the general population.³

¹ See AR-226-3474.

² Levels for 73 employees tested ranged from a low of 0.989 ppb to a high of 12.1 ppb, with an average of 5.85 ppb.

³ See Olsen G. W., Church T. R., Miller J. P., Burris J. M., Hansen K. J., Lundberg J. K., Armitage J. B., Herron R. M., Medhdizadehkashi Z., Nobiletti J. B., O'Neill E. M., Mandel J. H., Zobel L. R. "Perfluorooctanesulfonate and other fluorochemicals in the serum of American Red Cross adult blood donors" *Environ Health Perspectives* 2003, 111, 1892-1901]

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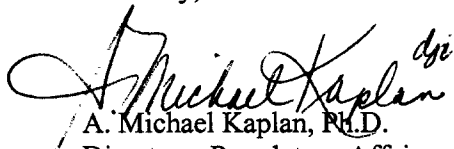
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These results have been provided in summary form to the Mississippi Department of Environmental Quality (MDEQ). A copy of the document provided to MDEQ is included as Attachment 2 to this letter.

While DuPont does not believe this information is substantial risk information reportable under TSCA 8(e), DuPont is submitting the information to the TSCA 8(e) office in view of the Agency's continued interest in perfluorinated substances.

Sincerely,

A handwritten signature in black ink, appearing to read "A. Michael Kaplan" with a stylized flourish at the end.

A. Michael Kaplan, Ph.D.

Director – Regulatory Affairs and Occupational Health

(302) 366-5260

Attachments (6 pages)