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Governor

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Department of Environmental Protection

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Office of Science
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November 2, 2009

Ms. Nickolette Roney
Division of Toxicology and Environmental Medicine, ATSDR
Mailstop F-62, 1600 Clifton Road, NE
Atlanta, Georgia 30333

RE: Addendum to Comments on Draft Toxicological Profile for Perfluoroalkyls, Docket
Control Number ATSDR-253

Dear Ms. Roney,

I would like to bring to your attention two additional studies that have just become available which are relevant to evaluation of effects of perfluorinated chemicals in the general population.

Steenland et al. (2009) found a statistically significant increased risk of high cholesterol in children associated with increasing PFOA and PFOS in the C8 Health Study population in Ohio and West Virginia.

Nelson et al. (2009) report positive associations between PFOA, PFOS, and PFNA and total and non-HDL-cholesterol in participants of the 2003-2004 NHANES study, representative of the general U.S population.

Thank you for the opportunity to comment on the draft Toxicological Profile, and please feel free to contact me at gloria.post@dep.state.nj.us if you need further information.

Citations:

Nelson, J.W., Hatch, E.E., and Webster, T.F.. Exposure to Polyfluoroalkyl Chemicals and Cholesterol, Body Weight, and Insulin Resistance in the General U.S. Population. *Env. Health Perspect.* doi: 10.1289/ehp.0901165. Online 2 November 2009.

Steenland, K., Fletcher, T., and Savitz, D. (The C8 Science Panel). Status report: Association of perfluorooctanic acid (C8/PFOA) and perfluorooctanesulfonate (PFOS) with lipids among children in the Mid-Ohio Valley. Oct 28, 2009.
http://www.c8sciencepanel.org/pdfs/Status_Report_C8_and_lipids_in_children_28Oct2009.pdf

Sincerely,

Gloria B. Post, Ph.D., DABT
Research Scientist

cc: Judy Louis, NJDEP
Perry Cohn, NJ DHSS