Dear Alison,

My comments refer to neurological effects of PCB in mammals, which were not evaluated in the phase 2 report Volume 2F.

My colleagues and I have published serious effects on brain catacholamines in the rat\textsuperscript{1} and monkey\textsuperscript{2} caused by PCB. We have evaluated a large number of individual congeners with cells in culture and the most potent congener is clearly 2,2-dichlorobiphenyl\textsuperscript{3}. Unfortunately your analytical method may not be measuring 2,2-dichlorobiphenyl correctly, since your spokesperson at the Albany August 4\textsuperscript{th} meeting stated that Aroclor 1242 was the least chlorinated Aroclor mixture used in the analysis.

Another unrelated comment is that I have evidence that your estimated PCB concentration in air is an order of magnitude too low. Bopp and Tofflemire's work was probably and "3Cl+" measurement, so that the major components of upper Hudson River water: 2-chloro- and 22-dichlorobiphenyl were not measured. My data will be reported to the NY
Community Trust by Dr Barry Commoner, CBNS, Queen's College, early next month.

Finally I should like to congratulate all at Region 2 for exquisitely presented and well researched investigations.

Sincerely yours,

Brian Bush Ph.D., F.R.S.C.

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