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Dr. Robert A. Howd
Chief, Water Toxicology Section
Office of Environmental Health Hazard Assessment, Cal/EPA
1515 Clay St., 16th Floor, Oakland, CA 94612 by email: bhowd@oehha.ca.gov

Dear Doctor Howd:

Friends in California, aware of my work on the harmful effects of toxic chemicals on behavior, have asked me to send you information on this research. Over the last decade, Myron J. Coplan (a senior chemical engineer with experience in water treatment chemistry) and I have published widely on the immediate and eminent harm from two toxic chemicals -- hydrofluorosilicic acid (H_2SiF_6) or sodium silicofluoride (Na_2SiF_6). These compounds are now used for over 90% of water fluoridation in the U.S. even though, unlike sodium fluoride, they have never been adequately tested.

Silicofluorides are toxic byproducts of processing weapons grade uranium. Without study of their safety, the Public Health Service approved them for use in 1950. Due to unknown toxicology, silicofluorides were finally nominated for study by the National Toxicology Program in 2002, but it seems no such research has been done.

Our published findings show that, unlike sodium fluoride, water treated with silicofluorides (today used for over 90% of water fluoridation) is associated with:

- increased absorption of lead from environmental sources (with greater effects in Blacks) in three surveys of children's blood lead levels (total $n > 400,000$).
- increased rates of violent crime as found by multivariate statistical analyses of crime rates in all 3141 U.S. counties.
- increased rates of arrest for driving under the influence as well as other measures of substance abuse and learning disabilities.

Should you need photocopies of our original articles, please advise. If needed, I am willing to speak on these findings as an expert witness in either court or legislative hearings. For my background to do so, see my entry in *Who's Who in America*.

Sincerely yours,

Roger D. Masters