



# National Federation of Federal Employees



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PROFESSIONALISM IN PUBLIC SERVICE

Local \_\_\_\_\_ 2050

4/24/92

Dr. Kulbir Bakshi  
National Academy of Sciences  
HA 354  
2101 Constitution Ave.  
Washington, D.C. 20418

Dear Dr. Bakshi,

As I promised some time ago, enclosed are a series of letters having to do with skeletal fluorosis and the views of the National Academy of Sciences. They demonstrate that the Academy has not conducted a rigorous analysis of the oft stated conclusion that 20 to 80 mg/day for 20 years or more causes crippling skeletal fluorosis. The basis for this statement is apparently a pronouncement, not an analysis. The lowest ingested dose of fluoride in mg/kg/day for a life time that can cause the various stages of skeletal fluorosis is yet to be determined. This includes the earliest stages of the disease, not just the final stage of crippling skeletal fluorosis. The lowest effect level for individuals with impaired kidney function also needs to be determined. It is imperative that your committee address these issues.

Sincerely,

Robert J. Carton, Ph.D.  
Vice-President  
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