



State of Vermont

AGENCY OF ENVIRONMENTAL CONSERVATION

Montpelier, Vermont 05602
Department of Water Resources

Department of Fish and Game
Department of Forest, Parks, and Recreation
Department of Water Resources
Environmental Board
Division of Environmental Engineering
Division of Environmental Protection
Natural Resources Conservation Council

November 16, 1979

Mr. Edward O'Donnell, Geologist
Site Safety Standards Branch
Office of Standards Development
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. O'Donnell:

I find this to be a very good summary and analysis presented in a clear, concise fashion. I have no strong arguments with the analysis of faults (Class 1, 2, 3, 5, 6, 7) affecting the area of my concern--Vermont, except for Class 3 type faults. To extend these into Vermont may be correct but premature. Some Class 7 faults in the Connecticut River Valley (Ammonoosuc) may have been reactivated during Triassic time.

You might run this document past the scrutiny of Dr. James B. Thompson, Dept. of Geology and Geophysics, Harvard University, Cambridge, MA. I am sure Dr. Rolfe Stanley, Geology Dept., Perkins Hall, University of Vermont, Burlington, VT, would appreciate an opportunity to review this document also. Also Yngvar W. Isachsen, New York Geological Survey, N.Y.S. Education Building Annex, Albany, NY 12234, would have some valuable comments regarding the tectonics of the Adirondack Mountain region and northeastern New York-western Vermont area. I notice references to his work (Isachsen) are missing.

Sincerely yours,

Charles A. Ratte

Charles A. Ratte'
Vermont State Geologist

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