

JOHN B. RUTHERFORD  
1141 Chestnut Street, #3  
San Francisco, CA 94109

May 1, 1981

Earthquake Safety of the General Electric Test Reactor

I have reviewed the geologic hazard and seismic safety studies of the General Electric Test Reactor site. There appears to be general agreement that exploratory trenches dug across the site reveal several past episodes of earth movement. Some investigators attribute the movement to landslides, others to surface fault rupture. Estimates of future offset movement caused by a future earthquake, or earthquake-induced landslide, range from 18 centimeters up to a meter and a half. There are differences of opinion as to the location of the fault or landslide with respect to the reactor structure.

As a structural engineer, I cannot guarantee that a structure will resist the estimated amount of earth movement occurring beneath or directly adjacent to the structure without some structural damage. I believe that a nuclear reactor should not be operated on this site.

*John B. Rutherford*

8107020464

EXHIBIT C