

October 22, 1979

Mr. Jerry Barnes, Chief Planner
Salt Lake County Planning Commission
2033 South State
Salt Lake City, Utah 84115

Dear Mr. Barnes:

I have reviewed the material submitted to us on the La Montagane Development near the mouth of Little Cottonwood Canyon, as you requested. The material consists of (1) Report entitled, "Fault Study Report, Spring Valley Villas Development" by S. Bryce Montgomery, dated August, 1979; (2) "Fault Location Map", by S. Bryce Montgomery, dated 1979, and (3) letter dated September 25, 1979 signed Robert Gunnell to Denny Woodward & Assoc., Riverton, Utah.

Our office inspected the open exploration trenches and recorded notes on each on August 29, 1979. Photographs were also taken on that date of many of the features observed.

Whereas Mr. Montgomery "infers" faults across trenches no. 1 and no. 2 we have actually observed faulting in the walls of these trenches and also in trench no. 3. In addition we have observed evidence of ground deformation in trenches no. 1 and no. 3.

Our conclusion is that this tract of real estate is situated within the zone of deformation of the Wasatch Fault at this location. Public facilities and high occupancy structures should not be sited on this tract. Single family dwellings, in our opinion, may be permitted but they should be sited in such a manner that they do not straddle individual fault strands. From all of the information we have at hand there is a probability that not all of the individual fault strands are well defined across the property.

With this letter I am returning your one copy of the "Fault Location Map". The pencil marks made along the trench lines are mine and are plottings made from our field notes.

Yours truly,

Bruce N. Kaliser, Chief
Urban & Engineering Section

BNK/co
Encl: Map