



United States Department of the Interior

GEOLOGICAL SURVEY
RESTON, VA. 22092

In Reply Refer To:
Mail Stop 908

SEP 13 1979

Mr. Harold Denton
Director of the Office of
Nuclear Reactor Regulations
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Denton:

The enclosed supplement should be added to the U.S. Geological Survey
status review dated September 5, 1979, of the General Electric Test
Reactor Facility Docket No. 50-70.

Sincerely yours,

J. S. Craigwell, Jr.
for
H. William Menard
Director

Enclosure



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General Electric Test Reactor

Vallecitos Nuclear Center

Vallecitos, California

Docket Number 50-70

Supplement to Status Review

The letter from R. W. Darmitzel, General Electric Company, to C. Nelson, NRC, dated July 12, 1979, raises the point that USGS Professional Paper 943 does not show either the Verona nor the Las Positas faults and that this point should be considered along with the applicant's data regarding the geology of the Livermore area.

Professional Paper No. 943 "Flatland Deposits -- Their Geology and Engineering Properties and the Importance to Comprehensive Planning" was published in 1979, and therefore post-dates the publication of Open File Map 77-689 (1977) in which the Verona and Las Positas faults are shown. Although PP 943 was published in 1979, the authors manuscript was submitted in 1976 and received approval March 2, 1977. Data in the report thus pre-date Open File Map 77-689 and omission of the Verona and Las Positas faults as described by Herd becomes understandable. Furthermore PP 943 is principally a study of Pleistocene and younger stratigraphic units and the accompanying maps plates 1, 2 and 3 were not intended to show all faults in the areas depicted. For instance the Hillside fault, Miller Creek fault, Cull Creek fault and Bolinger fault are examples of the many others not shown.

The apparent omission of the Verona and Las Positas faults from maps in PP 943 therefore provides no basis for emphasis, pro or con, in the review of geologic data pertinent to the Vallecitos GETR site.