

GENERAL  ELECTRIC

NUCLEAR ENERGY  
ENGINEERING  
DIVISION

GENERAL ELECTRIC COMPANY, P.O. BOX 460, PLEASANTON, CALIFORNIA 94566

August 29, 1980

Mr. Darrell G. Eisenhut, Director  
Division of Operating Reactors  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

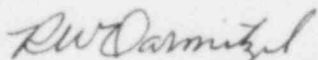
Subject: General Electric Test Reactor (GETR) Landslide Stability Analysis -  
License TR-1 - Docket 50-70

Dear Mr. Eisenhut:

The subject report covering the landslide stability investigations conducted on the hills adjacent to the General Electric Test Reactor (GETR) is enclosed. The results of these analyses confirm that there is no risk of movement beneath the reactor building and the most conservative assessment of possible movement on existing shears triggered by an event on the Calaveras fault of 7 to 7.5 Richter magnitude would result in movement of only a few centimeters. A landslide movement of this size would result in no new loads on the reactor building or fuel flooding system. These loads have already been analyzed as a result of a postulated earthquake on the Verona and Calaveras faults.

It is hoped that a Safety Evaluation Report Addendum regarding landslide stability can now be issued.

Very truly yours,



R. W. Darmitzel, Manager  
Irradiation Processing Operation

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enclosure

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AFFIRMATION

The General Electric Company hereby submits the report titled, "GETR  
Landslide Stability Analysis".

To the best of my knowledge and belief, the information contained herein  
is accurate.

*R. W. Darmitzel*

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R. W. Darmitzel, Manager  
Irradiation Processing Operation

Submitted and sworn before me this 2nd day of September, 1980.

*Eleonore H. Johnson*, Notary Public in and for the  
County of Santa Clara, State of California

