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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555
May 14, 1980

Docket No. 50-133

Mr. P. A. Crane
Vice President and General Counsel
Pacific Gas and Electric Company
77 Beale Street, 31st Floor
San Francisco, California 94106

Dear Mr. Crane:

The FEMA/NRC Steering Committee has reconsidered the appropriate size of Emergency Planning Zones for relatively small water cooled power reactors (less than 250 MW thermal). The Steering Committee has adopted the enclosed position on the planning basis for these reactors, which include your plant. The NRC proposed rule and NUREG-0654; FEMA-REP-1 will be modified to conform to this position.

Sincerely,

A handwritten signature in cursive script that reads "T. Ippolito".

Thomas W. Ippolito, Chief
Operating Reactors Branch #2
Division of Licensing

Enclosure:
Planning Basis

cc w/enclosures:
See next page

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Mr. Philip A. Crane, Jr.
Pacific Gas & Electric Company

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cc:

Mr. James Hanchett
Public Information Officer
Region V - IE
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Friends of the Earth
ATTN: Andrew Baldwin
124 Spear Street
San Francisco, California 94105

PLANNING BASIS

FOR SMALL WATER REACTORS AND FT. ST. VRAIN

The FEMA/NRC Steering Committee has concluded that small water cooled power reactors (less than 250 MWt) and the Ft. St. Vrain gas cooled reactor may use a plume exposure emergency planning zone of about 5 miles and an ingestion pathway emergency planning zone of about 30 miles. This conclusion is based on the lower potential hazard from these facilities (lower radionuclide inventory and longer times to release significant amounts of activity for many scenarios). The radionuclides considered in planning should be the same as recommended in NUREG-0396.