



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

TERA

June 13, 1980

Docket No. 50-155

Mr. David P. Hoffman
Nuclear Licensing Administrator
Consumers Power Company
212 West Michigan Avenue
Jackson, Michigan 49201

Dear Mr. Hoffman:

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's 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 "Dennis M. Crutchfield".

Dennis M. Crutchfield, Chief
Operating Reactors Branch #5
Division of Licensing

Enclosure:
Planning Basis

cc w/enclosure:
See next page

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June 13, 1980

cc w/enclosure:

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Charlevoix Public Library
107 Clinton Street
Charlevoix, Michigan

Chairman
County Board of Supervisors
Charlevoix County
Charlevoix, Michigan 49720

Office of the Governor (2)
Room 1 - Capitol Building
Lansing, Michigan 48913

Director, Technical Assessment
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Region V Office
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Big Rock Point Nuclear Power Plant
ATTN: Mr. C. J. Hartman
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2034 Pauline Boulevard
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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.

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