



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

TERA

June 13, 1980

Docket No. 50-409

Mr. Frank Linder
General Manager
Dairyland Power Cooperative
2615 East Avenue South
La Crosse, Wisconsin 54601

Dear Mr. Linder:

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,

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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ccw/enclosure:

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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.