



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

TERA

April 6, 1981

Docket No. 50-312

Mr. J. J. Mattimoe
Assistant General Manager and
Chief Engineer
Sacramento Municipal Utility District
6201 S Street
P. O. Box 15830
Sacramento, California 95813



Dear Mr. Mattimoe:

SUBJECT: CYCLE 5 RELOAD

Additional information is required so that we can complete our review of your Cycle 5 reload report. Please indicate the EAB and LPZ doses to the thyroid and whole body considering:

- 1) Steam line failure outside the reactor building
- 2) Steam generator tube failures with loss of offsite power
- 3) Fuel handling accident
- 4) Control rod injection
- 5) Loss-of-coolant accident
- 6) Maximum hypothetical accident

The dose analysis need not be submitted at this time, but will be required later.

We have previously stated that fuel rod bowing must be accounted for before we approve your reload. An acceptable method to account for rod bowing is to change the minimum DNBR value in your Technical Specifications (TS) to 1.36 or greater. Please submit the TS change to us or propose other equivalent compensatory action. The TS change should include a basis that indicates the 1.0% DNBR generic credit from use of a flow area reduction factor and a 4.6% DNBR plant specific credit have been taken to produce the minimum DNBR value of 1.36.

NRC approval of your reload will be delayed until resolution of these matters.

Sincerely,

John F. Stolz
John F. Stolz, Chief
Operating Reactors Branch #4
Division of Licensing

cc: See next page

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Sacramento Municipal Utility
District

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cc w/enclosure(s):

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Sacramento County
Board of Supervisors
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Sacramento, California 95814

Business and Municipal Department
Sacramento City-County Library
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Sacramento, California 95814

Director, Criteria and Standards
Division
Office of Radiation Programs (ANR-460)
U. S. Environmental Protection Agency
Washington, D. C. 20460

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Region IX Office
ATTN: EIS COORDINATOR
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Atomic Safety and Licensing Board
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Sacramento Municipal Utility
District

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Atomic Safety and Licensing Appeal
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California Department of Health
ATTN: Chief, Environmental
Radiation Control Unit
Radiological Health Section
714 P Street, Room 498
Sacramento, California 95814