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

October 10, 1980

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:

The NRC staff has completed its review of your emergency plan submittal dated May 1980, which relates to the improvement of emergency preparedness associated with Rancho Seco. Your emergency plan was reviewed against the criteria stated in NUREG-0654, "Criteria for Preparation and Evaluation of Radiological Emergency Plans and Preparedness in Support of Nuclear Power Plants". Our review has indicated that additional information and commitments are necessary before the staff can conclude that your onsite emergency preparedness program meets this criteria.

Enclosed is the request for additional information. Your emergency plan should be revised to address these comments, and a revision to the plan should be provided to us within 30 days. For those items that require an extended period of time to resolve, a commitment and completion schedule should be included as part of your response.

Should clarification of the information requested be required, please contact your NRC Project Manager.

Sincerely,

Robert W. Reid

Robert W. Reid, Chief
Operating Reactors Branch #4
Division of Licensing

Enclosure: Request for
Additional Information-
Rancho Seco Emergency Plan

cc w/enclosure: See next page

cc w/enclosure(s):

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Sacramento City-County Library
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Director, Technical Assessment Division
Office of Radiation Programs (AW-459)
U. S. Environmental Protection Agency
Crystal Mall #2
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Sacramento Municipal Utility
District

Atomic Safety and Licensing Appeal
Board Panel
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

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

REQUEST FOR ADDITIONAL INFORMATION

Enclosure

RANCHO SECO EMERGENCY PLAN*

A. ASSIGNMENT OF RESPONSIBILITY

A.3. There is no letter of agreement with the Ione Fire Academy as you stated in Appendix D. Furthermore, a letter of understanding with the Division of Forestry, State Department of Conservation should also be included in the Appendix.

B. ONSITE EMERGENCY ORGANIZATION

B.5. The staffing level in your Table 4-3 does not satisfy the requirements in Table B-1 of NUREG-0654. In particular, your normal operating staff consists of only eight people while NUREG-0654 specifies ten. Please provide changes.

E. NOTIFICATION METHODS AND PROCEDURES

E.4. Please make provisions for follow-up messages from your plant to off-site authorities. These messages should contain the information listed as items a through n.

E.6. Provide administrative and physical means, and the time required for notification of the public within the plume exposure EPZ. Note that it is the operator's responsibility to ensure that such means exist, and that it is the State/local government's responsibility to activate such a system.

E.7. Describe measures to be taken to inform the public (in writing) with regard to your emergency classification scheme and specific protective actions (sheltering, evacuation etc.).

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* The numbers against each question correspond to items in Section. II of NUREG-0654, "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants".

H. EMERGENCY FACILITIES AND EQUIPMENT

H.6.a Provide a description of offsite geophysical phenomenon monitors.

I. ACCIDENT ASSESSMENT

I.3. Establish methods and techniques to be used for determining:

a. The source term of release of radioactive material within plant systems (e.g. relationship between radiation monitor readings and quantity of releasable radionuclides).

b. The magnitude of the release of radionuclides based on plant system parameters and effluent monitor readings.

I.4. Establish the relationship between effluent monitor readings and on-site/ offsite exposure, under different meteorological conditions .

I.6. Establish the method for determining the release rate/ projected doses if the instrumentation used for assessment are offscale or inoperable.

I.7. Justify the detection capability of 10^{-6} uCi/cc, in light of the fact that the stated required capability is 5x10-8 uCi/cc.

K. RADIOLOGICAL EXPOSURE CONTROL

K.3. a,b Make provisions for 24-hour capability to determine the doses received by emergency personnel (including provisions to distribute do imeters and to maintain dose records.

K.5.a Specify action levels for determining the need for decontamination.

K.6 b.c Provide onsite contamination control measures for drinking water and food supplies, and also provide criteria for permitting return of areas and items to normal use.

K.7. Provide capability for decontaminating relocated onsite personnel.

M. RECOVERY AND REENTRY

M.4. Establish a method for periodically estimating total population response during the recovery phase.

N. EXERCISES AND DRILLS

N.4. N.5. Provide commitment to evaluate observer and participant comments, and procedures to improve the emergency plan as a result of these comments.

P.9. Arrange for and conduct independent audits of the emergency preparedness program. Independent audits may be performed by district personnel provided the selected personnel normally are not associated with the program. Management control shall be implemented for evaluation and correction of audit findings.