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

SACRAMENTO MUNICIPAL UTILITY DISTRICT

DOCKET NO. 50-312

RANCHO SECO NUCLEAR GENERATING STATION

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 34
License No. DPR-54

1. The Nuclear Regulatory Commission (the Commission) has found that:

A. The application for amendment by Sacramento Municipal Utility District (the licensee) dated June 5, 1981, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;

B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;

C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;

D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and

E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

ATTACHMENT TO LICENSE AMENDMENT NO. 34

FACILITY OPERATING LICENSE NO. DPR-54

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Replace the following pages of the Appendix "B" Technical Specifications with the enclosed pages. The revised pages are identified by Amendment number and contain vertical lines indicating the area of change.

Pages
11
11a (new)

C. Sampling and analysis of liquid radioactive waste shall be performed in accordance with Table 2.6-1. Prior to taking samples from a monitoring tank, at least two tank volumes shall be recirculated or the agitator shall be operated sufficiently to achieve complete mixing.

D. The liquid radioactive wastes shall be continuously monitored and recorded during release. Whenever these monitors are inoperable for a period not to exceed 72 hours, two independent samples of each tank to be discharged shall be analyzed and two plant personnel shall independently check valving prior to the discharge. * If these monitors are inoperable for a period exceeding 72 hours, no liquid waste shall be released and any release in progress shall be terminated.

E. The flow rate of liquid radioactive waste after dilution shall be measured and recorded during release. The flow of undiluted liquid radioactive waste shall be established using installed instrumentation. That flow rate shall be entered in the plant records for the liquid waste release.

F. All liquid radiation monitors shall be calibrated at least quarterly by means of a radioactive source which has been calibrated to a National Bureau of Standards source. Each monitor shall also have a functional test monthly and an instrument check prior to making a release.

Bases

The release of radioactive materials in liquid waste to unrestricted areas shall not exceed the concentration limits specified in 10 CFR Part 20 and should be as low as practicable in accordance with the requirements of 10 CFR Part 50.36a. These specifications provide reasonable assurance that the resulting annual exposure to the total body or any organ of an individual in an unrestricted area will not exceed 5 mrem. At the same time, these specifications permit the flexibility of operation, compatible with considerations of health and safety, to assure that the public is provided a dependable source of power under unusual operating conditions which may temporarily result in releases higher than the design objective levels but still within the concentration limits specified in 10 CFR Part 20. It is expected that by using this operational flexibility under unusual operation conditions, and exerting every effort to keep levels of radioactive material in liquid wastes as low as practicable, the annual releases will not exceed a small fraction of the concentration limits specified in 10 CFR Part 20.

The design objectives have been developed based on operating experience taking into account a combination of variables including defective fuel, primary system leakage, primary to secondary system leakage and the performance of the various waste treatment systems, and are consistent with Appendix I to 10 CFR Part 50.

* The last sentence in Specification 2.6.2.D is replaced by the following paragraph during the period June 6, 1981 through June 30, 1981 (cont. pg. 11a).

(footnote cont. from pg. 11)

If these monitors are inoperable for a period exceeding 72 hours, tank discharges may be continued up to 14 days provided that discharges are collected in a retention basin. The mixed retention basin will be sampled and analyzed. Retention basin valving will be verified to prevent further additions to the basin and diluted discharges from the retention basin will be sampled and analyzed every 8 hours during release.