



SMUD

SACRAMENTO MUNICIPAL UTILITY DISTRICT □ 6201 S Street, P.O. Box 15830, Sacramento CA 95852-1830, (916) 452-3211
RJR 85-467 AN ELECTRIC SYSTEM SERVING THE HEART OF CALIFORNIA

September 30, 1985

DIRECTOR OF NUCLEAR REACTOR REGULATION
ATTENTION JOHN F STOLZ CHIEF
OPERATING REACTORS BRANCH 4
U S NUCLEAR REGULATORY COMMISSION
WASHINGTON D C 20555

DOCKET 50-312
RANCHO SECO NUCLEAR GENERATING STATION
UNIT NO. 1
REACTOR VESSEL MATERIALS SURVEILLANCE PROGRAM

SMUD is participating in the B&W Integrated Reactor Vessel Materials Surveillance Program with the Toledo Edison Company Davis-Besse Unit 1 reactor, serving as the host reactor for Rancho Seco surveillance capsules. The Technical Specifications for Rancho Seco require the submittal of a report, or an application for a facility operating license amendment, whenever (starting one year after Davis-Besse begins commercial operation at 100% full power), Davis Besse does not maintain a cumulative reactor utilization factor of 65% or greater.

Davis-Besse reached 100% full power on July 1, 1978, and as of this date has not maintained the required utilization factor. However, the current Rancho Seco Technical Specifications related to reactor vessel material irradiation are valid for an accumulated neutron fluence corresponding to eight effective full power years (EFPY) of operation. As of March 30, 1985, Rancho Seco had experienced approximately 5.2 EFPY and will reach only approximately 6.2 EFPY at the end of the next fuel cycle.

Further, a Rancho Seco surveillance capsule was withdrawn from Davis-Besse during the second quarter of 1980. Testing and data evaluation for the material specimens in this capsule have been completed. As a result, revised Technical Specifications for operation beyond five EFPY, to eight EFPY, were issued July 11, 1984.

A second Rancho Seco surveillance capsule was withdrawn from Davis-Besse during 1982. The results of this capsule's evaluation (BAW-1792) supports operation up to 15 EFPY (see District submittal dated July 18, 1984).

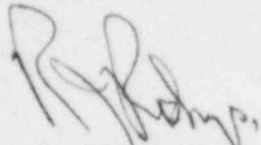
8510040002 850930
PDR ADOCK 05000312
P PDR

*Foot
1/10*

September 30, 1985

Therefore, as the present Technical Specifications related to reactor vessel material irradiation remain valid, and the limits will be modified before expiration to account for ongoing irradiation and to extend the applicability period, continued operation of Rancho Seco is acceptable.

If you have any questions, please feel free to contact me or Robert Dieterich at (916) 732-6018.



R. J. RODRIGUEZ
ASSISTANT GENERAL MANAGER,
NUCLEAR