



SACRAMENTO MUNICIPAL UTILITY DISTRICT ☐ 6201 S Street, Box 15830, Sacramento, California 95813; (916) 452-3211

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REGION V USE

December 29, 1982

R H ENGELKEN, REGIONAL ADMINISTRATOR
REGION V OFFICE OF INSPECTION AND ENFORCEMENT
U S NUCLEAR REGULATORY COMMISSION
1450 MARIA LANE SUITE 210
WALNUT CREEK CA 94596

DOCKET NO. 50-312
LICENSE NO. DPR-54
LICENSEE EVENT REPORT NUMBER 82-34

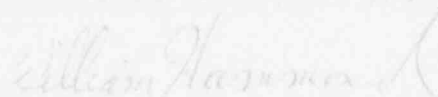
In accordance with Rancho Seco Nuclear Generating Station Technical Specifications, section 5.9.4.2.d and Regulatory Guide 1.16, section C.2.b(4), the Sacramento Municipal Utility District hereby submits the following thirty-day report of Licensee Event Report Number 82-34.

On December 3, 1982, with the reactor in cold shutdown and the B DHR system on RCS recirculation, a leak in a socket weld near valve DHS-523, a one-inch drain valve in the decay heat system, was identified. The leak rate under static head was approximately 5 ml/minute. The A DHRS was immediately lined up and the B system was isolated for repairs.

The valve, a Velan Mark 165 valve, was removed and the weld examined. Apparently, when the pipe was fit up, the socket joint had been seated too tightly (< 1/8" gap between the inserted pipe and the inside shoulder of the socket). This allowed a cyclic fatigue failure to occur at the weld.

A new valve was welded in place. An inservice leak test was performed as well as dye penetrant and radiographic tests.

Since the unit was in cold shutdown and the A DHR system was available, there were no effects on public or plant safety.


William Hammond
Acting General Manager

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