



**SMUD**

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

September 22, 1980

Mr. R. H. Engelken, Director  
Region V Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
1990 North California Boulevard  
Walnut Creek Plaza, Suite 202  
Walnut Creek, California 94936

Re: Operating License DPR-54  
Docket No. 50-312  
Reportable Occurrence 80-41



Dear Mr. Engelken:

In accordance with Technical Specifications for Rancho Seco Nuclear Generating Station Section 6.9.4.2b, and Regulatory Guide 1.16, Revision 4, Section C2.b(2), the Sacramento Municipal Utility District is hereby submitting a thirty-day report of Reportable Occurrence 80-41.

On August 23, 1980, while testing the "B" Diesel Generator per SP 206.038, Diesel Generator "B" Synchronization Surveillance Test, it was found that the unit did not reach its rated voltage. The unit reached 4100 volts. Rated voltage for the unit is 4160 volts.

A work request was initiated to check the voltage regulator. To automatically limit the voltage, the regulator utilizes an automatic Voltage Adjustment rheostat. This rheostat utilizes a combination of gear driven cams and limit switches to control the upper and lower voltage limits. The lower limit cam required a slight adjustment to bring the voltage back into specifications. After making the adjustment, the "B" Diesel Generator successfully passed its applicable surveillance test and was declared operable.

Since a review of previous surveillance tests indicated that low voltage has not been a problem, further corrective action is not warranted. The monthly surveillance testing of the Diesel Generators is adequate to detect potential problems in this area.

The voltage regulator is a magnetic amplifier type, part No. 90 49000-100, manufactured by Basler for the Electro Motive Division of

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Mr. R. H. Engelken


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General Motors Corporation.

Since the unit was shut down to effect turbine repairs, there were no plant transients nor power reductions associated with this event.

Respectfully submitted,

  
J.J. Mattimoe  
Assistant General Manager  
and Chief Engineer

JJM:HH: jr

cc: Director I&E (30)  
Director MIPC(3)