

APPENDIX C

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

In the Matter of )  
 )  
SACRAMENTO MUNICIPAL UTILITY DISTRICT ) Docket No. 50-312  
(Rancho Seco Nuclear Generating )  
Station) )

ORDER MODIFYING LICENSE EFFECTIVE IMMEDIATELY

I.

The Sacramento Municipal Utility District (the "licensee") is the holder of Operating License DPR-54, (the "license") which authorizes the operation of the Rancho Seco Nuclear Generating Station, at steady state reactor core power levels not in excess of 2772 megawatts thermal (rated power). The license was issued on August 16, 1974. The facility consists of a pressurized light water moderated and cooled reactor (PWR) located at the licensee's site in Sacramento County, California, approximately 25 miles southeast of the city of Sacramento.

II.

At approximately 8:45 p.m. on December 17, 1979, the "B" High Pressure Injection Pump P-238B ("B" HPI Pump), was removed from service to facilitate fire protection modifications. The Make-up Pump P-236 was valved-in to replace the "B" HPI pump. However, under the Shift Supervisor's direction, an improper valve lineup was made, contrary to approved Procedure A-15, Revision 8, which resulted in two discharge Cross-Tie Valves between the "A" and "B" High Pressure Injection Loops being closed, instead of just one. The plant was operated in this condition in violation of the license for 11 days before the improper valve lineup was discovered and corrected on December 27, 1979.

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In addition to the above, when Make-up Pump P-236 was valved into service on December 17, 1979, Nuclear Service Raw Water (NSRW) Valves in the supply and discharge lines to the make-up pump coolers (oil and room) were not valved in to supply NSRW cooling water to Make-up Pump P-236 in the event offsite power was not available. This resulted in only one HPI pump being operable. The plant was operated at a level greater than 10% of rated power in this condition in violation of the license between December 17, 1979 and January 9, 1980, except for a 16-hour shutdown period on January 5, 1980. The improper valve alignment was the result of the licensee not maintaining updated operating procedures.

In the process of restoring the "B" HPI pump to service on January 9, 1980, an operator failed to follow operating procedure (A-15). As a result of this failure to follow the procedure, he did not change the power supply from 52-2B166 to 52-2A172, thereby leaving SFV-23508 without electrical power and incapable of closing as required upon initiation of a Safety Features Actuation Signal. This condition was corrected on January 10, 1980.

These conditions resulted from inadequate control of procedures and operating activities. There is reasonable assurance that the licensee has corrected the conditions described above. However, in view of the significance to safety of adequate controls to assure that future operating activities do not defeat required safety features, I have determined that the public health, safety, and interest requires, an immediately effective modification of License No. DPR-54 as stated in Part III-A of this Order.

III.

Accordingly, pursuant to the Atomic Energy Act of 1954 as amended, and the Commission's regulations in 10 CFR Parts 2 and 50, IT IS HEREBY ORDERED, EFFECTIVE IMMEDIATELY, THAT:

A. License DPR-54 is modified, as follows:

1. Administrative Procedures shall be adopted and implemented to require independent verification of valving line-ups and equipment operability whenever safety-related equipment is removed from or placed into service.
2. Existing administrative procedures and controls shall be reviewed and revised as necessary to assure that operating procedures are readily updated and maintained to reflect changes in safety related plant systems or their operation.

B. The licensee shall complete the actions required by Paragraphs A-1 and A-2 by April 14, 1980, and submit a report of the results of the review required by paragraph A-2 to the Director of NRC's Region V office by April 25, 1980.

C. The licensee shall meet with the Office of Inspection and Enforcement management, on or before May 5, 1980, in a meeting open to the public in the vicinity of the Rancho Seco site to describe how the above requirements will be implemented. The Director, Region V, will inform the

licensee at least one week in advance of the specific time and location of the meeting.

IV.

The licensee, or any other person who has an interest affected by this Order, may, within twenty-five days of the date of this Order, request a hearing. A request for a hearing shall be addressed to the Director, Office of Inspection and Enforcement U.S.N.R.C., Washington, D.C. 20555. A copy of the request for a hearing should also be sent to the Executive Legal Director, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555. If a hearing is requested by the licensee or a person who has an interest affected by this Order, the Commission will issue an Order designating the time and place of the hearing. Such a request for hearing SHALL NOT STAY THE IMMEDIATE EFFECTIVENESS OF THIS ORDER.

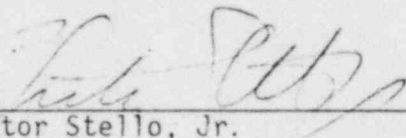
Continuation of operation on terms consistent with this Order is not stayed by the pendency of any proceeding on this Order. In the event that a need for further enforcement action becomes apparent, either in the course of any proceeding on this Order or at any other time, the Director will take appropriate action.

V.

In the event the licensee or any other interested person requests a hearing as provided above and a hearing is held, the issues to be considered at such a hearing shall be:

- (1) whether the facts set forth in Part II of this Order provide an adequate basis for the actions ordered; and
- (2) whether this Order should be sustained.

FOR THE NUCLEAR REGULATORY COMMISSION

  
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Victor Stello, Jr.  
Director  
Office of Inspection  
and Enforcement

Dated at Bethesda, Maryland  
this 1 day of April, 1980