



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

June 16, 1982

DIRECTOR OF NUCLEAR REACTOR REGULATION
ATTN: J. F. STOLZ, CHIEF
OPERATING REACTORS, BRANCH 4
U S NUCLEAR REGULATORY COMMISSION
WASHINGTON DC 20555

DOCKET NO. 50-312
RANCHO SECO NUCLEAR GENERATING STATION
UNIT NO 1
INTERNATIONAL ATOMIC ENERGY AGENCY SEALS

In response to your letter dated May 28, 1982, concerning broken IAEA seals at Rancho Seco, we offer the following information as per your request.

The cause of the seal breakage can be determined to be non-intentional, due to the personnel working in that area during an APSR drive motor removal. It is, however, impossible to determine whether they were removed by personnel that were unaware of their significance or were accidentally broken. The former is the most likely situation since this is the only time the seals have been found broken, and, secondly, the seals are not identified in any manner to indicate their significance.

To correct this situation and to preclude such misunderstandings from recurring, the following steps have been taken. First, a memo to all site personnel has been issued by the Manager of Nuclear Operations that describes the purpose of the seals and outlines the steps necessary should some work effort require removal of the seals. A copy of this memo is attached. Secondly, as mentioned in the memo, warning tags will be affixed on or nearby the seals to warn personnel of the significance of these seals.

If you require further information on this matter, contact Mr. S. L. Crunk, of my Rancho Seco staff.

J.J. Mattimoe
Assistant General Manager
and Chief Engineer

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SACRAMENTO MUNICIPAL UTILITY DISTRICT

OFFICE MEMORANDUM

TO: All Personnel

DATE: June 9, 1982

RJR 82-314

FROM: R. J. Rodriguez

SUBJECT: IAEA COMMITMENT

The NRC requires that we participate in a program with the International Atomic Energy Agency (IAEA). The IAEA is an international organization formed to reduce the potential proliferation of nuclear weapons. The United States' participation was initiated as a goodwill gesture to show this country's commitment to that end. Rancho Seco's role in this effort has taken a number of forms:

- 1) IAEA auditors visit the plant every two months to go over our nuclear materials (reactor fuel) inventory,
- 2) A surveillance camera has been mounted in the fuel storage building and,
- 3) "Seals" have been placed on four of the APSR drive motors on top of the reactor vessel head.

These measures were adopted to provide assurance that nuclear fuel is not moved without IAEA knowledge. Our involvement is primarily political, but nevertheless SMUD is committed to this endeavor as a part of our NRC license requirements.

During the early part of this outage, the four "seals" on top the APSR drive motors were broken. This probably occurred during the CRD motor replacement. Such an occurrence may have happened due to a lack-of-awareness on someone's part of the significance of these seals. The seals were replaced during the last IAEA auditor's visit. They must remain intact until refueling. Caution tags will be installed adjacent to these seals to identify their locations.

I ask that anyone requiring access to the top of the reactor vessel head use due caution to protect the seals from damage. Should work efforts require removal of the seals, please contact Rich Myers (Ext. 4347) prior to their removal.

