April 4, 2008

Mr. Steve J. Redeker, Manager
Plant Closure & Decommissioning
Sacramento Municipal Utility District
14440 Twin Cities Road
Herald, CA 95638-9799

SUBJECT: RANCHO SECO NUCLEAR GENERATING STATION - APPROVAL OF FINAL STATUS SURVEY REPORT 1

Dear Mr. Redeker:

By letter dated November 19, 2007, Sacramento Municipal Utility District (SMUD) submitted final status survey reports (FSSRs) for the following survey units:

8510004 Switch Yard Building - A class 3 survey unit consisting of the interior of the switch yard building, located within the Industrial Area (IA), with a surface area of 1374 m^2 .

8510003 Switch Yard Building - a class 3 survey unit with an exterior surface area of 543 m^2.

8050011 Administration Building Interior - a class 3 survey unit consisting of the interior of the administration building, located outside the IA on the east side of the site. It houses the District's backup computer center with an interior area of 910 m^2.

8050012 Administration Building Exterior - a class 3 survey unit with an exterior area of 1705 m^2.

8040011 Personnel Access Portal (PAP) Building Exterior - a class 3 survey unit. The PAP, located on the east side of the IA, functions as the site access point for personnel entering the facility. The exterior area is 1177 m^2.

8040012 PAP Building Interior - a class 3 survey unit with an interior area of 836 m^2.

8111571 Reactor Building Dome - a class 1 survey unit consisting of the upper surface of the reactor building interior liner located above the polar crane. The dome area is 1941 m^2.

8140002 Training and Records (T&R) Building Exterior - a class 3 survey unit. The T&R building, located within the IA adjacent to the auxiliary building, functions as office space for site personnel. The exterior area is 4303 m^2.

8140010 T&R Building Interior - a class 3 survey unit with an interior area of 22,160 m^2.

8210001 Water Treatment Building Interior - a class 3 survey unit. The water treatment building, located within the IA near the center of the site, housed the equipment used to treat the circulating water. The interior area is 416 m^2.

8210002 Water Treatment Building Exterior - a class 3 survey unit with an exterior area of 392 m^2.

8220011 Chlorine Building Interior - a class 3 survey unit. The chlorine building, located within the IA, housed the water chlorination equipment. The interior area is 597 m^2.

8220021 Chlorine Building Exterior - a class 3 survey unit with an exterior area of 457 m^2.

8310001 Microwave Building Interior - a class 3 survey unit. The microwave building, centrally located within the IA, houses the microwave communication equipment for the site. The interior area is 274 m^2.

8310002 Microwave Building Exterior - a class 3 survey unit with an exterior area of 146 m^2.

5010011 Receiving Warehouse Exterior - a class 3 survey unit. The receiving warehouse was the staging and receipt location for incoming and outgoing shipments including radwaste. The exterior area is 1177 m^2.

5010012 Receiving Warehouse Interior - a class 3 survey unit with an interior area of 1531 m^2.

8150021 Nuclear Service Electrical Building (NSEB) Exterior - a class 3 survey unit. The NSEB, located south of the T&R Building within the IA, housed the electrical switch gear onsite. The exterior area is 1609 m^2.

8150011 NSEB Interior - a class 3 survey unit with an interior area of 1197 m^2.

8170021 Diesel Generator (DG) Building Exterior - a class 3 survey unit. The DG Building housed the diesel generators that supplied emergency power for the site. It was later used to store the fuel cask handling equipment. The exterior area is 3484 m^2.

8170011 Diesel Generator Building Interior - a class 3 survey unit with an interior area of 3267 m^2.

8330002 Warehouse B Exterior - a class 2 survey unit. Warehouse B, located within the IA north of the switchyard, was used to store materials on site. The exterior area is 2574 m^2 .

8330001 Warehouse B Interior - a class 3 survey unit with an interior area of 3182 m^2.

8400002 Warehouse A Exterior - a class 3 survey unit. Warehouse A, located within the IA east of the switch yard, was used to store materials on site. The exterior area is 1972 m^2.

8400001 Warehouse A Interior - a class 3 survey unit with an interior area of 4548 m^2.

8520002 Machine Shop Exterior - a class 3 survey unit. The Machine Shop, located within the IA and attached to Warehouse A, was used to perform maintenance and repairs on site equipment. The exterior area is 952 m^2.

8520001 Machine Shop Interior - a class 3 survey unit with an interior area of 1482 m^2.

8560001 Secondary Alarm Station (SAS) Exterior - a class 3 survey unit. The SAS was located within the IA. The exterior area is 179 m^2.

8560002 SAS Interior - a class 3 survey unit with an interior area of 1482 m^2.

813000 Auxiliary Building - a class 1 and 2 survey unit. The auxiliary building contained the systems used to transport, process and contain radioactive solids, gases and liquids. The surveys presented in this unit are for the following rooms located on the -20' elev: 59,18,43,21,53,22,47,48,44,45,46,49,50 and the demineralizer cubicles.

By e-mail dated December 17, 2007, the staff forwarded a request for additional information on the subject FSSRs to SMUD. SMUD responded by e-mail dated February 12, 2008.

Based on our review of the submitted FSSRs and the licensee's response to NRC comments on the FSSRs, we have determined that the subject FSSRs are consistent with the previously approved License Termination Plan and are therefore acceptable

In accordance with 10 CFR 2.390 of the NRC's "Rules of General Applicability," a copy of this letter and the referenced correspondence will be available electronically in the NRC Public Document Room or from the Publically Available Records component of the NRC's document system (ADAMS) at the referenced ML numbers. ADAMS is accessible from the NRC Web site at http://www.nrc.gov/reading-rm/adams.html.

If you have any questions concerning this matter, please contact me at (301) 415-3017.

Sincerely,

/RA/

John B. Hickman, Project Manager
Reactor Decommissioning Section
Decommissioning and Uranium Recovery
Licensing Directorate
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials and
Environmental Management Programs

Docket No. 50-312

Enclosure: Reference List

cc: see attached page

References:

1. FSSR1 November 19, 2007 (ML073370355)
2. E-Mail NRC to SMUD December 17, 2007 (ML080650557)
3. E-Mail SMUD to NRC February 12, 2008 (ML080650558)

Enclosure

Letter to Steve Redeker from John B. Hickman dated April 4, 2008

SUBJECT: RANCHO SECO NUCLEAR GENERATING STATION - APPROVAL OF FINAL STATUS SURVEY REPORT 1

cc: Mr. James Shetler
Mr. Jerry Delezenski
Arlen Orchard, Esquire
Steve Cohn, Esquire
Mr. William Potter
Sacramento County Board of Supervisors
Sacramento Municipal Utility District
Mr. Steve Hsu
Mr. Gary Butner
California Energy Commission
Regional Administrator, RIV, NRC

8400001 Warehouse A Interior - a class 3 survey unit with an interior area of 4548 m^2.

8520002 Machine Shop Exterior - a class 3 survey unit. The Machine Shop, located within the IA and attached to Warehouse A, was used to perform maintenance and repairs on site equipment. The exterior area is 952 m^2.

8520001 Machine Shop Interior - a class 3 survey unit with an interior area of 1482 m^2.

8560001 Secondary Alarm Station (SAS) Exterior - a class 3 survey unit. The SAS was located within the IA. The exterior area is 179 m^2.

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John B. Hickman, Project Manager
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Licensing Directorate
Division of Waste Management
and Environmental Protection
Office of Federal and State Materials and
Environmental Management Programs

Docket No. 50-312

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cc: see attached page

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DATE	04/02/08	04/01/08	04/03/08	04/04/08

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