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SACRAMENTO MUNICIPAL UTILITY DISTRICT □ P. O. Box 15830, Sacramento CA 95852-1830, (916) 452-3211  
AN ELECTRIC SYSTEM SERVING THE HEART OF CALIFORNIA

NQA 99-087

July 26, 1999

U.S. Nuclear Regulatory Commission  
Attn.: Document Control Desk  
Washington, DC 20555

Docket No. 72-11  
Rancho Seco Independent Spent Fuel Storage Installation  
Additional Information to Support the Review of Rancho Seco Independent Spent  
Fuel Storage Installation Safety Analysis Report

Attention: Randy Hall

As requested in question c-11 in your request for additional information, dated July 21,  
1999, we are providing the following calculations to support your review of the Rancho  
Seco ISFSI Safety Analysis Report (SAR):

1. TNW calculation NUH002.0203 "Dry Storage Cladding Temperature Limits for the 24P NUHOMS System Using the CSFSM Model Presented in PNL-6189," Revision 0
2. TNW calculation NUH004.0421 "Qualification of Paint on Heat Shield for a Standardized NUHOMS HSM Design," Revision 3
3. TNW calculation NUH004.0423 "NUHOMS-24P and 52B Thermal Analysis With and Without Painted Heat Shields," Revision 2
4. TNW calculation NUH004.0509 "HSM Surface Dose Rates for Site Dose Calculations," Revision 0
5. TNW calculation NUH005.0350 "Rancho Seco NUHOMS Mass Properties Calculation," Revision 8
6. TNW Design Input Log NUH-04-0100, Revision 2

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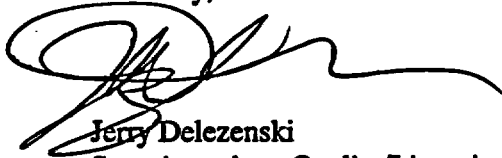
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In addition, in response to question c-16, we are providing TNW calculation 2069.0504 "Shielding Evaluation of Cobalt Impurity Levels in Gray Axial Power Shaping Rods," Revision 0.

As discussed in the affidavit attached to our January 28, 1999, SAR transmittal letter, these calculations are proprietary and we request that the NRC withhold these calculations from public disclosure.

If you, or members of your staff, have questions requiring additional information or clarification, please contact Bob Jones at (916) 732-4843.

Sincerely,



Jerry Delezenski  
Superintendent, Quality/Licensing/Admin.

72-11

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RANCHO SECO

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ADDITIONAL INFORMATION TO SUPPORT THE  
REVIEW OF RANCHO SECO ISFSI SAFETY ANALYSIS  
REPORT  
REC'D. W/LTR. DTD.. 7/26/99...9907290033

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