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NQA 06-035

September 6, 2006

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

Docket No. 50-312  
Rancho Seco Nuclear Generating Station  
License No. DPR-54

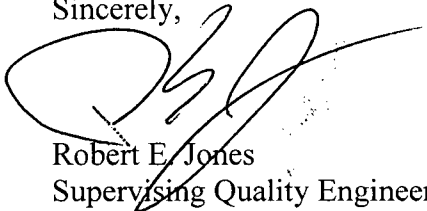
**RANCHO SECO GROUNDWATER MONITORING REPORT**

Attention: John Hickman

Attached is a copy of the groundwater monitoring report for Rancho Seco. This report provides the results of the groundwater characterization for the Rancho Seco site. The groundwater monitoring program consisted of samples collected over four calendar quarters to represent the four seasons of a yearlong period. The reports concludes that licensed radioactive materials, including tritium, generated during the operation and decommissioning of Rancho Seco have not contaminated the regional aquifer under the Rancho Seco site.

Members of your staff with questions requiring additional information or clarification may contact me at (916) 732-4843.

Sincerely,



Robert E. Jones  
Supervising Quality Engineer

Attachment

Cc w/ attachment: B.S. Mallett, NRC, Region V

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IE25