

Elements

An International Magazine of Mineralogy, Geochemistry, and Petrology



Volume 2, Number 6 • December 2006

Elements is published jointly by the Mineralogical Society of America, the Mineralogical Society of Great Britain and Ireland, the Mineralogical Association of Canada, the Geochemical Society, The Clay Minerals Society, the European Association for Geochemistry, the International Association of GeoChemistry, and the Société Française de Minéralogie et de Cristallographie. It is provided as a benefit to members of these societies.

Elements is published six times a year. Individuals are encouraged to join any one of the participating societies to receive *Elements*. Institutional subscribers to any of the following journals—*American Mineralogist*, *The Canadian Mineralogist*, *Clays and Clay Minerals*, *Mineralogical Magazine*, and *Clay Minerals*—will also receive *Elements* as part of their 2006 subscription. Institutional subscriptions are available for US\$125 a year in 2006. Contact the managing editor (tremblipi@ete.inrs.ca) for information.

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Publications mail agreement no. 40037944

Return undeliverable Canadian addresses to:
PO Box 503
RPO West Beaver Creek
Richmond Hill, ON L4B 4R6

Printed in Canada
ISSN 1811-5209

www.elementsmagazine.org

The Nuclear Fuel Cycle Environmental Aspects

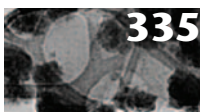
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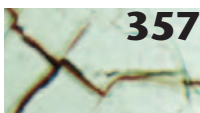
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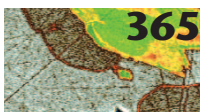
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ABOUT THE COVER: The San Onofre Nuclear Generating Station consists of three units built near California's San Onofre State Beach, approximately 100 km south of Los Angeles. It produces enough power for 2.2 million households or about 20 percent of southern California's energy needs. Unit 1 was commissioned in 1968 and ceased operation in 1992, and is currently being decommissioned. In August of this year, elevated concentrations of tritium were reported in the groundwater beneath Unit 1. Units 2 and 3 were commissioned in 1982 and 1983, respectively, and are still operating with a combined capacity of 2 GW(e). Their licenses expire in 2022. Spent nuclear fuel from all three units is stored on site in pools of water and dry casks.

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