



Department of Energy
Office of Civilian Radioactive Waste Management
Office of Repository Development
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QA: N/A
Project No. WM-00011

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OVERNIGHT MAIL

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REQUEST FOR DIGITIZED DATA FROM PEÑA BLANCA STUDIES

Reference: Percy, E.C. 1994. *Fracture Transport of Uranium at the Nopal I Natural Analog Site*. CNWRA 94-011. San Antonio, Texas: Center for Nuclear Waste Regulatory Analyses.

Studies of the uranium deposit at Peña Blanca, Mexico, have provided natural analogue data for a geologic repository at Yucca Mountain, Nevada. The U.S. Department of Energy is currently investigating fracture flow, seepage, and transport at the Nopal I site at Peña Blanca. Previous studies by the U.S. Nuclear Regulatory Commission and the Center for Nuclear Waste Regulatory Analyses (CNWRA), including geologic descriptions and hydrologic characterization of the rock matrix, have been helpful in our studies to date (Reference). In order to be able to fully use the extensive fracture mapping conducted by the CNWRA, we are requesting electronic copies of fracture maps of the Nopal I site, including digitized versions of both the horizontal and vertical views for the fracture map and summary of orientations reported in the referenced report. Having the digitized fracture maps of both the horizontal and vertical views, including all the attributes of the surveyed fractures, will facilitate our evaluation of the data.

Please contact April V. Gil at (702) 794-5578 or e-mail april_gil@ymp.gov if you have any questions regarding this request.

Mark H. Williams, Director
Office of License Application and Strategy

OLA&S:AVG-0399

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