



Department of Energy
Office of Civilian Radioactive Waste Management
Yucca Mountain Site Characterization Office
P.O. Box 98608
Las Vegas, NV 89193-8608

APR 24 1995

Distribution

**SWEDISH NUCLEAR FUEL AND WASTE MANAGEMENT COMPANY (SKB) ÄSPÖ
HARD ROCK LABORATORY (HRL), INTERNATIONAL COOPERATION REPORTS
94-05, 94-06, 94-07, 94-08, 94-09, 94-10, 94-11, 94-12, 94-13, AND 94-14 (SCPB: N/A)**

In December 1992, the U.S. Department of Energy (DOE) and SKB signed a Project Agreement to cooperate on scientific studies at Sweden's Äspö HRL related to the geologic disposal of long-lived nuclear wastes. DOE is one of a number of national nuclear waste management programs who participate in and benefit from scientific studies at the Äspö HRL. The other participants include Atomic Energy of Canada Limited (AECL), Finland's Industrial Power Company (TVO), France's National Agency for Radioactive Waste Management (ANDRA), the Japan Atomic Energy Research Institute (JAERI), Japan's Power Reactor and Nuclear Fuel Development Corporation (PNC), Switzerland's National Cooperative for the Disposal of Radioactive Waste (NAGRA), the United Kingdom's U.K. Nirex and Sweden's SKB.

SKB has developed a special series of technical reports, "SKB ÄSPÖLABORATORIET INTERNATIONAL COOPERATION REPORTS," to disseminate data and transfer technology developed by the international cooperative programs. These reports are published as the various scientific studies are completed.

Enclosed you will find ten reports published by SKB as part of this special series. These consist of the following reports:

Number	Title	Lead Author(s)
94-05.	Analysis of LPT2 using the Channel Network Model	J-O Selroos et al., Sweden
94-06.	SKB/DOE Hard Rock Laboratory Studies Task 3. Geochemical Investigations using Stable and Radiogenic Isotopic Methods	B. Wallin, Sweden & Z. Peterman, USA

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- 94-07. Analyses of LPT2 in the Äspö HRL with Continuous Anisotropic Heterogenous Model
A. Kobayashi et al., Japan
- 94-08. Application of Three-Dimensional Smeared Fracture Model to the Groundwater Flow and the Solute Migration of the LPT-2 Experiment
T. Igarashi et al., Japan
- 94-09. Discrete Fracture Modelling of the Äspö LPT-2 Large-Scale Pumping and Tracer Test
M. Uchida et al., Japan
T. Doe et al., USA
- 94-10. Äspö Hard Rock Laboratory International Workshop on the use of Tunnel Boring Machines for Deep Repositories
G. Bäckblom, ed.
- 94-11. Data Analysis and Modelling of the LPT2 Pumping and Tracer Transport Test at Äspö. Tracer Experiment
A. Hautojärvi, Finland
- 94-12. Modelling the LPT2 Pumping and Tracer Test at Äspö. Pumping Test
V. Taivassalo et al., Finland
- 94-13. Proceedings of the Äspö International Geochemistry Workshop, June 2-3, 1994, Äspö Hard Rock Laboratory
P. Wikberg, Chairman
S. Banward, ed.
- 94-14. Hydrodynamic Modelling of the Äspö HRL. Discrete Fracture Model
D. Billaux, France

I trust that you will inform your staff concerning the availability of these reports and/or distribute them to the appropriate persons. Future reports will be distributed when they are received in Las Vegas, Nevada. Unfortunately, DOE receives only twenty copies of each report. One copy was placed in the Yucca Mountain Project Library in Las Vegas, Nevada. In addition, one copy will be kept on file by the Yucca Mountain Site Characterization Office International Programs Manager. If you have any questions or comments concerning these reports, please phone me at (702) 794-7946.

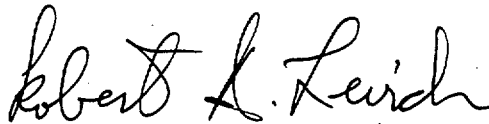
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Multiple Addressee

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On behalf of the DOE/SKB Hard Rock Laboratory Project and DOE's Office of Civilian Radioactive Waste Management, I trust you will find the contents of the enclosed reports of interest and expect that this special series of reports will prove a valuable resource.



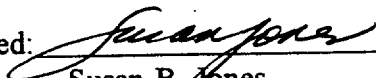
Robert A. Levich
U.S. DOE Project Manager,
DOE/SKB Hard Rock Laboratory Project Agreement

AMSP:RAL-2974

Enclosures:

SKB ICR Reports 94-05, 94-06,
94-07, 94-08, 94-09,
94-10, 94-11, 94-12,
94-13, and 94-14

Noted:



Susan B. Jones
Assistant Manager for
Scientific Programs

APR 24 1995

cc w/o encls:

D. A. Dreyfus, HQ (RW-1) FORS
L. H. Barrett, HQ (RW-2) FORS
R. A. Milner, HQ (RW-40) FORS
J. D. Saltzman, HQ (RW-4) FORS
C. A. Kouts, HQ (RW-34) FORS
J. S. Stuckless, USGS, Denver, CO
Z. E. Peterman, USGS, Denver, CO
B. E. Viani, LLNL, Livermore, CA
Carol Bruton, LLNL, Livermore, CA
D. G. Wilder, LLNL, Livermore, CA
J.C.S. Long, LBL, Berkeley, CA
Ken Czyscinski, Roy F. Weston, Washington, DC
Carl Johnson, State of Nevada, Carson City, NV
M. D. Voegelé, M&O, Las Vegas, NV
R. W. Anderson, M&O, Las Vegas, NV
Scott Sinnock, M&O, Las Vegas, NV
L. D. Foust, M&O, Las Vegas, NV
Frank Ridolphi, M&O, Vienna, VA
W. E. Barnes, YMSCO, NV
J. R. Dyer, YMSCO, NV
A M. Simmons, YMSCO, NV

Distribution--Memorandum dated

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Renee M. Jackson, HQ (RW-4) FORS
Stephen H. Hanhauer, HQ (RW-2) FORS
Larry R. Hayes, USGS, Las Vegas, NV
Dwight T. Hoxie, USGS, Las Vegas, NV
Larry Costin, SNL, Albuquerque, NM, M/S 1325
Julie A. Canepa, LANL, Los Alamos, NM
Edward S. Patera, LANL, Los Alamos, NM.
Dwayne A. Chesnut, LLNL, Livermore, CA
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Enclosed in binder