



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

**FEB 14 1996**

Distribution

SWEDISH NUCLEAR FUEL AND WASTE MANAGEMENT COMPANY (SKB) ÄSPÖ  
 HARD ROCK LABORATORY, INTERNATIONAL COOPERATION REPORTS  
 95-01, 95-02, 95-03, 95-04, 95-05, AND 95-06 (SCPB: N/A)

From December 1992 through November 1995, the U.S. Department of Energy (DOE) and the SKB were engaged in a project agreement to cooperate on scientific studies at Sweden's Äspö Hard Rock Laboratory (HRL) related to the geologic disposal of long-lived nuclear wastes. DOE was one of a number of national nuclear waste management programs who participated in and benefited from scientific studies at the Äspö HRL. The other participants included 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 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 a record of the status or completion of the various scientific studies. You have received copies of previous reports dating from 1993 and 1994. Although severe budgetary restrictions required DOE to terminate the HRL Project Agreement in November 1995, SKB has provided copies of the accompanying 1995 reports to DOE.

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

<u>Number</u>	<u>Title</u>	<u>Lead Author(s)</u>
95-01	Simulations of Pressure and Salinity Fields at Äspö	J. Löfman, V. Taivassalo, Finland

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95-02	Definition and Characterization of the N-S.Fracture System Tunnel Sections 1/600m to 2/400m. Relationships to Grouted Sections - Some Remarks	W. Kickmaier, Switzerland
95-03	Groundwater Degassing and Two- Phase Flow Pilot Hole Test Report	J. Geller, LBNL, USA J. Jarsjö, Sweden
95-04	Difference Flow Measurements at the Äspö HRL, May 1995	P. Rouhiainen, Finland
95-05	The Äspö Task Force on Modeling of Groundwater Flow and Transport of Solutes. Evaluation Report on Task No. 1 the LPT2 Large Scale Field Experiments	G. Gustafson, A. Ström, Sweden
95-06	Äspö Task Force on Modeling of Groundwater Flow and Transport of Solutes Issue Evaluation Table	O. Olson

I trust that you will inform your staff concerning the availability of these reports and/or distribute them to the appropriate people. Future reports will be distributed when they are received in Las Vegas, Nevada. Unfortunately, DOE receives only 20 copies of each report. One copy will be placed in the Yucca Mountain Site Characterization Project Technical Information Center in Las Vegas. 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 contact me at 1-702-794-7946.

On behalf of the DOE/SKB Hard Rock Laboratory Project and DOE's Office of Civilian

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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-1126

Enclosure:

SKB ICR Reports 95-01, 95-02,  
95-03, 95-04, 95-05 and 95-06

cc w/o encls:

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