

L. Riddle

NATIONAL RESEARCH COUNCIL
COMMISSION ON ENGINEERING AND TECHNICAL SYSTEMS
2101 Constitution Avenue Washington, D.C. 20418

GEOTECHNICAL BOARD
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Office Location
2001 Wisconsin Avenue, N.W.
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July 15, 1988

Dear Colloquium Participant:

We are pleased that you have accepted our invitation to participate in a Colloquium on Quality Assurance for Underground Radioactive Waste Repositories sponsored by the National Academy of Sciences.

I would like to provide you with a few details of the Colloquium which will be held August 2-3, 1988. The meeting will be held at the National Academy of Sciences Building, 2101 Constitution Ave., N.W., Washington, D.C., in the Lecture Room, beginning at 8:30 a.m. There is also an entrance on C St. between 21st and 22nd. Guards inside the entrances will direct you to the Lecture Room, where you will find a registration table. It is recommended that you not plan to arrive by private car as parking at the building is restricted. An updated agenda is enclosed.

The intent of the colloquium is to bring together program managers and technical representatives of the high-level radioactive waste program of both the Department of Energy and the Nuclear Regulatory Commission to meet with members of the geotechnical community to discuss the utilization of quality assurance practices in the planning, design and construction of an underground repository. The boards who have arranged this colloquium (the Board on Radioactive Waste Management and the Geotechnical Board) recognize the need for a quality assurance program in a project such as a radioactive waste repository and are concerned that discussions begin to encourage a program that appropriately reflects the unique character of geotechnical materials. The discussions will not be concerned with policy or program management per se, but will focus on geotechnical aspects--how quality assurance aids or constrains the technical quality of the work.

We look forward to your participation in the colloquium. If there are any other questions, contact my office at the above address.

Sincerely,

Lynne F. Cramer

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Coordinator

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Colloquium on Quality Assurance Practices
for Underground Radioactive Waste Repositories
National Academy of Sciences
2101 Constitution Ave. N.W.
Washington, D.C.
The Lecture Room

AGENDA

Tuesday, August 2

8:00	Coffee	
8:30	Introductions, Opening Remarks	H. Pincus
8:40	QA--Perspective From the Nuclear Regulatory Commission	J. Taylor
9:10	Perspective of DOE Headquarters	E. Kay
		D. Shelor
9:40	QA at the Nevada Site	C. Gertz
		J. Blaylock
10:10	Break	
10:25	Lab Testing	P. Senseny
11:00	In Situ Testing	R. Zimmerman
11:45	Discussion	
12:15	Lunch Break	
1:15	Instrumentation	G. Green
2:00	Incorporation of Expert Opinion in the QA Process of Performance Assessment	D. Pentz
2:45	Discussion	
3:15	Break	
3:30	NQA-3	C. Williams
4:00	Discussion	

Wednesday, August 3

8:30	Software Quality Assurance--Experiences Marking--Experiences Outside of the Waste Repository Program	M. Kirchner
9:00	Code Verification, Validation and Bench Marking--Experiences Within the Repository Program	A. Fossum
9:30	Experience in the WIPP Program	W. Weart
10:00	Discussion	
10:20	Break	
10:30	USGS Earth Sciences Quality Assurance Team	R. Watts
11:00	Discussion--What Should The Geotechnical Community Do Next?	H. Pincus
12:00	Closing Remarks	H. Pincus