



Lawrence Livermore National Laboratory
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January 26, 1993

Mr. Robert M. Bernero, Director
Office of Nuclear Material Safety & Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Mr. Bernero:

I have been asked, along with Dr. Aaron Barkatt of Catholic University, to serve as a co-chairman for the 1993 Materials Research Society symposium on the Scientific Basis for Nuclear Waste Management. A copy of the call for papers is enclosed.

We are very grateful for your help last year in obtaining financial support for this meeting from the Nuclear Regulatory Commission, and we would like to ask for your assistance again this year. Would it be possible for the NRC to again make a contribution of \$3,700.00 toward support of this meeting? Please let me know if this is satisfactory. If so, I will initiate the appropriate paperwork with the society. My phone number is (510) 422-0456, and my fax number is (510) 422-6892. Thank you.

Sincerely,

R.A. Van Konynenburg
Richard A. Van Konynenburg
Co-chairman

1 Encl.

cc: Aaron Barkatt

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CALL FOR PAPERS

SCIENTIFIC BASIS FOR NUCLEAR WASTE MANAGEMENT XVII

Symposium V at the 1993 Materials Research Society Fall Meeting

Nov. 29-Dec. 3, 1993

Boston, Massachusetts, U.S.A.

The seventeenth International Symposium on the Scientific Basis for Nuclear Waste Management will be held in Boston, MA under the auspices of the Materials Research Society. The continuing objective of the symposium is to provide an interdisciplinary forum for the discussion of scientific research relevant to all levels and types of radioactive wastes and their management. The symposium will consist of both invited and contributed talks and a poster session. Papers are solicited in the following areas:

- Waste Forms
 - Glass processing and properties
 - Glass leaching mechanisms
 - Glass-environmental interactions
 - Spent fuel
 - Ceramics, cement and other alternate waste forms
- Engineered Barriers
 - Containers and canister materials
 - Buffer/backfill materials
 - Sealing materials
- TRU wastes-materials issues
- Natural and Ancient Analogues
- Microbial Effects
- Actinide Chemistry
- Radionuclide Transport/Retardation
 - Sorption mechanisms
 - Solid/liquid interfaces
 - Modeling
 - Field studies
 - Colloids
- Interactions with Host Rock
- Radiation Effects
- Gas Generation and Release
- Long-term Predictions and Models
- Objectives and Limitations of Scientific Studies

Please submit an abstract typed according to the MRS format indicated on the reverse side of this announcement and a review of 1 to 2 typed pages. Both must be received no later than Friday, May 15, 1993. Selection of papers to be presented at the meeting will be based on scientific and technical content with only new and unpublished work to be favorably considered. Full-length manuscripts must be submitted not later than September 18, 1993. These will be refereed and will be published in camera-ready form in the MRS Symposium Proceedings Series. Abstracts and review summaries should be sent to Dr. Rich Van Konynenburg.

SYMPOSIUM CO-CHAIRS

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