

NOTE TO: R. L. Ballard, Chief
Geosciences & Systems Performance Branch

J. O. Bunting, Chief
Engineering Branch

FROM: John J. Linehan, Director
Repository Licensing and Quality
Assurance Project Directorate

SUBJECT: CALL FOR PAPERS FOR THE 1991 INTERNATIONAL HIGH-LEVEL
RADIOACTIVE WASTE MANAGEMENT CONFERENCE

Attached is the call for papers for the subject meeting. The deadline for submitting a summary of the papers is September 6, 1990. Therefore, in order for the Division to review and agree to proposed papers, I am asking that each of you provide any topics for papers to me by August 8, 1990. I will then coordinate the input for the Division.

John J. Linehan

Attachments: As stated

| J. Holonich | J. Linehan | <u>Distribution</u> | | R. Ballard |
|-----------------|------------|---------------------|---|------------|
| HLPD r/f | | J. Bunting | | |
| OFC :HLRD | :HLRD | : | : | : |
| NAME: JHolonich | :JLinehan | : | : | : |
| DATE: 08/12/90 | : 08/11/90 | : | : | : |

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SUBJECT CATEGORIES

Papers are solicited in the following areas:

1. Natural Systems

- 1.1 Seismotectonics and Volcanology
- 1.2 Physical Geology and Resources
- 1.3 Saturated and Unsaturated Zone Flow
- 1.4 Geochemistry and Transport Processes
- 1.5 Climatology Issues and Assessments
- 1.6 Environmental Issues and Assessments
- 1.7 *In Situ* and Laboratory Testing

2. Integrated Systems

- 2.1 Transportation Systems
- 2.2 System Modeling and Performance
- 2.3 System Data Development and Assessment
- 2.4 System Technology Development and Assessment
- 2.5 System Storage
- 2.6 International Cooperation

3. Engineered Systems

- 3.1 Spent Fuel and Vitrified Waste Characteristics
- 3.2 Interim Storage Facilities
- 3.3 Transportation Casks and Handling Systems
- 3.4 Waste Package and Underground Emplacement Facilities
- 3.5 Engineered Systems Testing and Techniques

4. Social Systems

- 4.1 Socioeconomic Impact Management and Assessment
- 4.2 Institutional Impacts
- 4.3 Public Involvement in Technical Issues
- 4.4 Regulations and Regulatory Process
- 4.5 Health Effects Assessment

For further information and a copy of the summary submittal forms, please contact the Scientific Publications Department, American Nuclear Society, 555 N. Kensington Avenue, La Grange Park, IL 60525 USA, 708/352-6611, (Telex 4972673)

Conference Host: Howard R. Hughes College of Engineering, University of Nevada, Las Vegas;

Sponsors: American Nuclear Society and the American Society of Civil Engineers;

Co-Sponsors: American Chemical Society, American Geophysical Union, American Institute of Chemical Engineers, American Medical Association, American Society for Testing and Materials, American Society for Quality Control, American Society of Mechanical Engineers, Geological Society of America, Health Physics Society, Institute of Nuclear Materials Management, and Society of Mining Engineers;

Cooperating Organizations: Atomic Energy Council, Atomic Energy of Canada Ltd., British Nuclear Fuels Ltd., Center for Nuclear Waste Regulatory Analysis, Commission of European Communities, Edison Electric Institute, Electric Power Research Institute, National Conference of State Legislatures, Nationale Genossenschaft für die Lagerung Radioaktiver Abfälle (NAGRA), Organization for Economic Cooperation and Development (OECD), Power Reactor and Nuclear Fuel Development Corp., State of Nevada, Swedish Nuclear Power Inspectorate, U. S. Department of Energy, U. S. Nuclear Regulatory Commission, and the University of Nevada Medical School.



CALL FOR PAPERS 1991 International High-Level Radioactive Waste Management Conference

April 28-May 2, 1991 • Las Vegas, Nevada
"Public Safety and Technical Achievement"

**SUMMARY
DEADLINE:**
Postmarked by
Thursday
September 6,
1990

Program:

The Conference will be an international forum for presentation and discussion of scientific and technical information related to public safety in the management and disposal of high-level radioactive wastes. The program will include technical sessions and substantive plenary sessions that discuss technical issues and applications of professional disciplines in natural, engineered, social and integrated systems.

The Conference will explore the relevance of scientific and technical information to achievement of public health and safety objectives. It will also address interaction and integration of technical activities. Papers will be presented in both oral and poster sessions. *Topics and respective categories can be found on the reverse side of this page.*

Guidelines for summaries:

Authors must adhere to the guidelines below or the Technical Program Committee may reject their summary. All summaries will be peer reviewed. *Four complete sets of your extended summary must be submitted in English by September 6, 1990.*

Content

1. Introduction - state the purpose of the work.
2. Description of the actual work - must be **NEW** and **SIGNIFICANT**.
3. Results - discuss the technical merit.
4. Conclusions - discuss the relevance of the results to the theme of the conference.
5. References - if any, must be closely related published works. Minimize the number of references. Do not present a bibliographical listing.

Length

1. Use at least 1500 words, excluding tables and figures.
2. Use no more than 2000 words, including tables and figures.
3. Count figures and tables as 150 words each. Use no more than three figures or tables.
4. Limit title to ten words; limit listing of authors to three or fewer if possible.
5. Exclude references from word count.

Format

1. Type your extended summary **double spaced** on one side of the paper only.
2. Use SI units (with English units following in parentheses, if desired). Exceptions are made for eV and barns.
3. List references numerically at the end of the summary and use superscript numbers in the text.

Page Charge

Authors of accepted papers will be allowed 8 camera-ready pages for the full paper at no charge. Maximum length of full papers are not to exceed 15 camera-ready pages. A charge of \$100 per page will be assessed for all papers exceeding the 8-page limit. Full papers are due at ANS by December 20, 1990. Proceedings will be available at the conference.