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DRAFT 242
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June 12, 1985

MRB-0452

Dr. Lyn Ballou
Lawrence Livermore National
Laboratory
Nevada Nuclear Waste Storage
Investigations
P. O. Box 808
Livermore, CA 94550

Dear Dr. Ballou:

Subject: Draft Agenda for Review of Corrosion Programs at the Nevada Nuclear Waste Storage Investigations (NNWSI), June 20 and 21, 1985

I have identified this agenda as "Draft," but it is likely to be the final version.

The changes that I discussed with Dan McCright by phone (6/12/85) have been incorporated into your suggested version. If you have any questions, please feel free to call me (FTS: 972-4390).

Sincerely,

W. B. Seefeldt
Executive Secretary
Materials Review Board
Chemical Technology Division

WBS:rr

Enclosure: Draft Agenda for 6/20-21/85

cc: (w/enclosure)
D. McCright, NNWSI
M. Valentine, DOE-NV
J. Haugen, DOE-CH/MIO
S. Vogler, ANL/MIO
Members of Ad Hoc Panel

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MATERIALS REVIEW BOARD

MEETING OF AD HOC CORROSION PANEL
MATERIALS REVIEW BOARD
LAWRENCE LIVERMORE NATIONAL LABORATORY
CONFERENCE ROOM, Tr 1404
JUNE 20 AND 21, 1985

AGENDA FOR REVIEW OF NNWSI CORROSION PROGRAM

Thursday, June 20

8:30	Introductory Remarks	M. Steindler
8:45	Introductory Remarks Regulatory Bases and Repository Schedules	L. Ballou
9:00	Repository Environment Physical, Chemical, Thermal, Radiation Aspects	R. van Konynenburg
9:30	Conceptual Designs of Waste Packages Reference and Alternative Container Materials Bases for Candidate Materials Selection Organization of Metal Barriers Task Overview of Corrosion Concerns	D. McCright
10:15	Break	
10:30	Fabrication and Welding Concerns Weld Integrity, Residual Stress, Heat Affected Zones	H. Weiss
11:00	Stainless Steel Sensitization and Other Physical Metallurgical Concerns Stress Corrosion Cracking Test Methods*	M. Juhas
12:00	Lunch	
1:00	Stainless Steel (Cont'd) Localized Corrosion Concerns (pitting, crevice attack) Electrochemical Corrosion Testing* Testing in Gamma Radiation Fields* Crevice Corrosion Testing*	R. Glass



*Including purpose, applicability, and limitations.

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MATERIALS REVIEW BOARD

MEETING OF AD-HOC CORROSION PANEL
MATERIALS REVIEW BOARD
LAWRENCE LIVERMORE NATIONAL LABORATORY
CONFERENCE ROOM, Tr 1404
JUNE 20 AND 21, 1985

AGENDA FOR REVIEW OF NNWSI CORROSION PROGRAM

Thursday, June 20 (Cont'd)

- | | | |
|------|--|-------------|
| 2:00 | Stainless Steel (Cont'd)
General Corrosion Testing* | D. McCright |
| 2:15 | Copper
General and Localized Corrosion Concerns
Gamma Radiation Testing* | R. Glass |
| 3:00 | Break | |
| 3:15 | Data Generation
Identification of "Key Data" for:
• Licensing
• MRB Review
Data Quality
Application of NNWSI QA plan
Precision and accuracy, reference
materials, internal review processes
Influence of Test Experience on Plans
Future Planned Activities | |
| 4:15 | Nature, Extent, Adequacy of Interactions
with MCC | D. McCright |
| 4:45 | Adjourn | |

Thursday Evening Session

- | | | |
|------|---|------------------|
| 7:30 | Executive Session of Panel
Identification of Subject Areas for
Further Inquiries
Discussion of Further Course of Action
Panel Member Responsibilities | Steindler, Panel |
|------|---|------------------|



*Including purpose, applicability and limitations.

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MATERIALS REVIEW BOARD

MEETING OF AD HOC CORROSION PANEL
MATERIALS REVIEW BOARD
LAWRENCE LIVERMORE NATIONAL LABORATORY
CONFERENCE ROOM, Tr 1404
JUNE 20 AND 21, 1985

AGENDA FOR REVIEW OF NNWSI CORROSION PROGRAM

Friday, June 21

- | | | |
|-------|--|------------------|
| 8:00 | Uncompleted Items from Thursday | |
| 9:15 | Panel Inquiries to NNWSI
Items Identified in Executive Session
Other | Steindler, Panel |
| 10:15 | Wrap-up Instructions to Panel Members | Steindler, Panel |
| 11:00 | Adjourn. Laboratory Tour | |

Members of Ad Hoc Panel: See attached sheet
Chairman: H. Steindler
Executive Secretary: W. Seefeldt



DOE Form AD-321
(5-78)

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W. B. Seefeldt
Argonne National Laboratory
9700 South Cass Avenue
Argonne, IL 60439

7.

W. B. Seefeldt
(Signature of authorizing official)

8. DATE

June 12, 1985

9. TO

Mr. Thomas Jungling
U.S. Nuclear Regulatory
Commission
M.S. 623-SS
Washington, DC 20555

Send - 427-4298 [Rapi-fax]
Verify - 427-4287

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