

June 27, 2000

MEMORANDUM TO : N. King Stablein, Acting Chief
High-Level Waste Branch
Division of Waste Management
Office of Nuclear Material Safety and Safeguards

FROM: Manny Comar, Project Manager **/RA**
Projects and Engineering Section
High-Level Waste Branch
Division of Waste Management
Office of Nuclear Material Safety and Safeguards

SUBJECT: FORTHCOMING U.S. NUCLEAR REGULATORY COMMISSION
AND U.S. DEPARTMENT OF ENERGY TECHNICAL
EXCHANGE ON ISSUE RESOLUTION AND THE
UNSATURATED ZONE PROCESS MODEL REPORT

DATE/TIME of MEETING: July 12-13, 2000
8:00 a.m. - 4:30 p.m. (PDT)

LOCATION: Lawrence Berkeley National Laboratory
Alvarez Road, Building 90, Room 3148
(see map at <http://www.lbl.gov/Workplace/lab-site-map.html>)
Berkeley, CA

PURPOSE: Discuss the status of resolution of subissues in the staff's Key
Technical Issue "Unsaturated and Saturated Flow Under
Isothermal Conditions," based on the content of the U.S.
Department of Energy's Process Model Report for the
Unsaturated Zone

AGENDA: Attached

PARTICIPANTS: NRC DOE Nevada NV Counties
NColeman RPatterson SFrishman DBechtel
HArlt CNewbury et. al. et. al.
et. al. et. al.

* Meetings and technical exchanges between NRC and DOE are open to members of the public, petitioners, interveners, or other interested parties wishing to attend as observers pursuant to the spirit of "Open Meeting Statement of NRC Staff Policy," 43 Federal Register 28058, dated June 28, 1978, which details the open meeting policy for applicants and licensees.

Meeting Notice to N.K. Stablein from M. Comar dated: June 27, 2000

cc: R. Loux, State of Nevada
S. Frishman, State of Nevada
L. Barrett, DOE/Wash, DC
A. Brownstein, DOE/Wash, DC
S. Hanauer, DOE/Wash, DC
C. Einberg, DOE/Wash, DC
D. Shelor, DOE/Wash, DC
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C. Hanlon, YMPO
T. Gunter, YMPO
G. Dials, M&O
J. Bailey, M&O
D. Wilkins, M&O
M. Voegele, M&O
S. Echols, Winston & Strawn
B. Price, Nevada Legislative Committee
J. Meder, Nevada Legislative Counsel Bureau
D. Bechtel, Clark County, NV
E. von Tiesenhausen, Clark County, NV
A. Kalt, Churchill County, NV
H. Ealey, Esmeralda County, NV
L. Fiorenzi, Eureka County, NV
A. Remus, Inyo County, CA
B. Duke, Lander County, NV
J. Pitts, Lincoln County, NV
J. Wallis, Mineral County, NV
L. Bradshaw, Nye County, NV
M. Murphy, Nye County, NV
J. McKnight, Nye County, NV
N. Stellavato, Nye County, NV
B. Ott, White Pine County, NV
D. Weigel, GAO
W. Barnard, NWTRB
R. Holden, NCAI
C. Williams, NIEC
R. Arnold, Pahrump County, NV
J. Lyznicky, AMA
R. Clark, EPA
F. Marcinowski, EPA
R. Anderson, NEI
R. McCullum, NEI
S. Kraft, NEI
J. Kessler, EPRI
R. Wallace, USGS
R. Craig, USGS
W. Booth, Engineering Svcs, LTD
J. Curtiss, Winston & Strawn

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DATE	6/27/00		6/27/00		6/27/00				

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*Draft Agenda for the
UZ PMR Technical Exchange*

2) This document is/ not related to the HLW program. It should placed in the LSS. MCC 6/27/00

Wednesday, July 12th, 2000

- | | |
|-------------------|---|
| 8:00 a.m. | Introduction/Opening Remarks (DOE/NRC) (Newbury/Coleman)

Purpose
Relationship of PMR to KTI(s)
Issue Resolution |
| 8:20 a.m. | Overview of the UZ Flow and Transport PMR (Bodvarsson)

Purpose, Objectives, conclusions
Key AMRs
KTI for Unsaturated and Saturated Zone Flow under Isothermal Conditions |
| 8:50 a.m. | Technical Discussion of Climate Change (Patterson/Gauthier)
and Hydrologic Effects of Climate Change
DOE Status, Information Needs, Open Items |
| 9:30 a.m. | NRC Comments (Coleman) |
| 9:45 a.m. | Discussion |
| 10:10 a.m. | Caucus |
| 10:20 a.m. | DOE/NRC Closing Comments |
| 10:30 a.m. | Technical Discussion of Present-day Shallow Infiltration (Flint)
DOE Status, Information Needs, Open Items |
| 11:20 a.m. | NRC Comments (Fedors) |
| 11:35 a.m. | Discussion |
| 12:15 p.m. | Caucus and Lunch |
| 1:30 p.m. | DOE/NRC Closing Comments |
| 1:45 p.m. | Technical Discussion of Matrix Diffusion (Houseworth/Robinson)
DOE Status, Information Needs, Open Items |
| 2:35 p.m. | NRC Comments (Winterle) |
| 2:50 p.m. | Discussion |
| 3:25 p.m. | Caucus |
| 4:00 p.m. | Closing Comments by DOE, NRC, and others |
| 4:30 p.m. | Adjourn |

Thursday, July 13th, 2000

*Draft Agenda for the
UZ PMR Technical Exchange*

- 8:00 a.m. Technical Discussion of Deep Percolation - Seepage into Drifts
 (Finsterle/Ho/Wilson)
 DOE Status, Information Needs, and Open Items**
- 9:00 a.m. NRC Comments (Hughson)**
- 9:15 a.m. Discussion**
- 10:00 a.m. Caucus**
- 10:30 a.m. Technical Discussion of Deep Percolation - UZ Flow and Transport beneath
 the Repository (Finsterle/Ho/Wilson)
 DOE Status, Information Needs, and Open Items**
- 11:50 a.m. NRC Comments (Fedors)**
- 12:05 p.m. Lunch**
- 1:15 p.m. Discussion**
- 2:20 p.m. Caucus**
- 2:50 p.m. DOE/NRC Closing Comments on Deep Percolation**
- 3:20 p.m. Closing Discussion
 Status of the Key Technical Issue**
- 4:30 p.m. Closing remarks by other attendees**
- 4:45 p.m. Adjourn**