



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

April 15, 1991

MEMORANDUM FOR: Hugh L. Thompson, Jr.  
Deputy Executive Director for  
Nuclear Materials Safety, Safeguards,  
and Operations Support

FROM: Robert M. Bernero, Director  
Office of Nuclear Material Safety  
and Safeguards

SUBJECT: DOE HLW STRATEGIC PRINCIPLES WORKSHOP

On April 3-4, 1991, Joe Youngblood and I participated in the subject workshop. This third workshop was promised by DOE as a means to present and discuss the strategic principles as they had evolved with the advice received in the first two workshops. In this workshop each participant had received the new principles draft in advance and the OCRWM associate directors each took the lead in their own areas for presentation of current thinking and the dialogue which resulted. DOE provided quite a few support people who listened and took copious notes. I have attached the final participants list.

John Bartlett opened the workshop and made some interesting comments:

- o The product of this effort will go into the Mission Plan Amendment
  - Draft: June 1991
  - 60-day comment period
  - Final: December 1991
- o No entirely new strategic concepts have been introduced.
- o Some strategic decisions should not be made now but held off until more data are available.

Later, his meaning on this last point was quite clear when he resisted the rather strong range of opinion which encourages DOE to reconsider the possible need now for study of another site both as a backup to Yucca Mountain and as the second repository.

The DOE is, of course, pursuing an earlier MRS. They said that The Negotiator must be successful by the end of CY92 to support the 1998 schedule.

The DOE is looking at the use of a Demonstration Facility, similar in concept to a G Tunnel, to be located in Fran Ridge which is to be east just across Midway Valley from Yucca Mountain. It is unsaturated tuff of the same formation as Yucca Mountain. It would be used for geotechnical purposes and perhaps for public tours as well. No emplacement of radioactive waste would be involved.

9401070118 931116  
PDR COMMS NRCC  
CORRESPONDENCE PDR

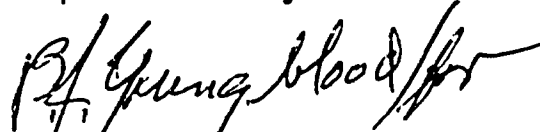
Hugh L. Thompson, Jr.

- 2 -

April 15, 1991

The DOE is planning to issue a catalogue of data related to Yucca Mountain. The first edition of the Data Catalogue is expected in October 1991.

Bill Gunter of EPA participated and took the opportunity to announce that Draft No. 3 of 40 CFR Part 191 would be out in a few weeks and would be used by the Conservancy Foundation as the negotiating draft. The Foundation's, Howard Bellman, is expected to contact the parties in July.



Robert M. Bernero, Director  
Office of Nuclear Material Safety  
and Safeguards

Enclosure:  
Final Participants List

cc: B. J. Youngblood  
J. Linehan  
R. Ballard  
S. Treby, OGC  
M. Malsch, OGC  
M. Silberberg, RES  
L. Donnelly, LSS  
H. Denton, GPA

## FINAL PARTICIPANTS LIST

### STRATEGIC PRINCIPLES WORKSHOP Brown Palace Hotel - Denver, Colorado

April 3-4, 1991

**Dr. Bill Barnard**  
Executive Director  
Nuclear Waste Technical Review Board  
1100 Wilson Boulevard  
Suite 910  
Arlington, Virginia 22209  
(703) 235-4473  
FAX: (703) 235-4495

**Dr. John Bartlett**  
Director  
Office of Civilian Radioactive  
Waste Management  
U.S. Department of Energy  
1000 Independence Avenue, S.W.  
Washington, D.C. 20585  
(202) 586-6842

**Mr. Dennis Bechtel**  
Coordinator  
Nuclear Waste Division  
Clark County Department of  
Comprehensive Planning  
301 East Clark Avenue  
Suite 570  
Las Vegas, Nevada 89101  
(702) 455-5175  
FAX: (702) 455-5190

**Mr. Robert Bernero**  
Director  
Office of Nuclear Material  
Safety & Safeguards  
U.S. Nuclear Regulatory Commission  
M.S. 6A-4  
Washington, D.C. 20555  
(301) 492-3352  
For Courier:  
11555 Rockville Pike  
Room 6D-1, M.S. 6A-4  
Rockville, Maryland 20852

**Mr. Stephen Bradhurst**  
Consultant  
Nye County Board of Commissioners  
P.O. Box 1510  
Reno, Nevada 89505  
(702) 482-8181  
For Courier:  
4720 Canyon Drive  
Reno, Nevada 89509  
(702) 323-4141

**Mr. Larry Brey \***  
Manager  
Nuclear Licensing & Resource Management  
Public Service Company of Colorado  
2420 West 26th Avenue  
Suite 100D  
Denver, Colorado 80211  
(303) 480-6944

**Mr. Holmes Brown**  
Facilitator  
Afton Associates  
403 East Capitol Street, S.E.  
Washington, D.C. 20003  
(202) 547-2620  
FAX: (202) 547-1668

**Mr. Keith Bright**  
Supervisor  
Inyo County Board of Supervisors  
Post Office Drawer N  
Independence, California 93526  
(Attention): Kelli Landshaw  
(619) 878-2411  
FAX: (619) 878-2241  
For Courier:  
c/o Inyo County Courthouse  
168 North Edwards Street  
Independence, California 93526  
(Attention): Kelli Landshaw

\* Wednesday only; \*\* Thursday only

**Mr. Mark Burtschi \*\***  
Director  
Legislative Programs  
American Nuclear Energy Council  
10 First Street, S.E.  
Washington, D.C. 20003  
(202) 484-2670

**Mr. Ronald C. Callen**  
Director  
Nuclear Waste Program Assessment Office  
1400 16th St., N.W.  
5th Floor, Mail Box 18  
Washington, D.C. 20036  
(202) 939-3420

**Dr. Dwight Connor**  
Program Director  
Energy, Science, & Natural Resources  
National Conference of State Legislatures  
1560 Broadway  
Suite 700  
Denver, Colorado 80202  
(303) 830-2200  
FAX: (303) 863-8003

**Dr. Thomas Cotton**  
Senior Associate  
JK Associates  
2001 Spring Street  
Suite 406  
Silver Spring, Maryland 20910  
(301) 587-7098

**Ms. Norma Cox**  
President  
Nevada League of Women Voters  
3096 East Shadow Ridge Avenue  
Las Vegas, Nevada 89120  
(702) 435-0473

**Mr. Carl Gertz\*\***  
Acting Associate Director  
Office of Geologic Disposal  
Yucca Mountain Project Office  
U.S. Department of Energy  
P.O. Box 98518  
Las Vegas, Nevada 89193  
(702) 794-7920  
For Courier:  
101 Convention Center Drive  
Phase 2, Suite 200  
Las Vegas, Nevada 89109

**Mr. Bill Gunter**  
Director  
Criteria & Standards Division  
Office of Radiation Programs  
U.S. Environmental Protection Agency  
ANR-460-W  
2800 Jefferson Davis Highway  
8th Floor  
Arlington, Virginia 22202  
(703) 308-8777

**Mr. Tom Isaacs**  
Acting Director  
Office of Strategic Planning  
& International Programs  
Office of Civilian Radioactive  
Waste Management  
U.S. Department of Energy  
1000 Independence Avenue, S.W.  
Washington, D.C. 20585  
(202) 586-2277

**Mr. Steven P. Kraft \*\***  
Director  
Nuclear & Transportation  
Edison Electric Institute  
701 Pennsylvania Avenue, N.W.  
Washington, D.C. 20004-2696  
(202) 508-5512

**Mr. Robert Loux**  
Executive Director  
Nuclear Waste Project Office  
State of Nevada  
Capital Complex  
Carson City, Nevada 89710  
(702) 687-3744

**Mr. Brad Mettam**  
Planning Coordinator  
Esmeralda County Board of Commissioners  
P.O. Box 536  
Goldfield, Nevada 89013  
(702) 485-3541 (office)  
(702) 485-3406 (Commission secretary)  
For Courier:  
Esmeralda County Board of Commissioners  
233 Crook Street  
Goldfield, Nevada 89013

**Mr. Ron Milner**  
Acting Associate Director  
Office of Storage & Transportation  
Office of Civilian Radioactive  
Waste Management  
U.S. Department of Energy  
1000 Independence Avenue, S.W.  
Washington, D.C. 20585  
(202) 586-1116

**Dr. Peter B. Myers**  
Executive Director  
Board of Radioactive Waste Management  
National Research Council  
2101 Constitution Avenue, N.W.  
Washington, D.C. 20418  
(202) 334-3066

**Mr. Robert H. Neill**  
Director  
New Mexico Environmental Evaluation Group  
7007 Wyoming Boulevard, N.E.  
Suite F-2  
Albuquerque, New Mexico 87109  
(505) 828-1003

**Mr. Frank Peters**  
Deputy Director  
Office of Civilian Radioactive  
Waste Management  
U.S. Department of Energy  
1000 Independence Avenue, S.W.  
Washington, D.C. 20585  
(202) 586-6842

**Dr. Chuck Reese**  
Assistant Director  
Occupational Safety & Health  
Laborers Health and Safety  
Fund of North America  
905 16th Street, N.W.  
Washington, D.C. 20006  
(202) 628-5465

**Mr. Dan W. Reicher**  
Senior Attorney  
Natural Resources Defense Council  
1350 New York Avenue, N.W.  
Suite 300  
Washington, D.C. 20005  
(202) 783-7800

**Mr. Sam Rousso**  
Associate Director  
Office of Program & Resource  
Management  
Office of Civilian Radioactive  
Waste Management  
U.S. Department of Energy  
1000 Independence Avenue, S.W.  
Washington, D.C. 20585  
(202) 586-9116

**Mr. Jerry Saltzman**  
Acting Director  
Office of External Relations  
Office of Civilian Radioactive  
Waste Management  
U.S. Department of Energy  
1000 Independence Avenue, S.W.  
Washington, D.C. 20585  
(202) 586-8875

**Mr. Robert Shaw \*\***  
Senior Program Manager  
High Level Waste & Spent Fuel Storage  
Electric Power Research Institute  
3412 Hillview Avenue  
Palo Alto, California 94303  
(415) 855-2026

**Mr. Dwight Shelor**  
Acting Associate Director  
Office of Systems & Compliance  
Office of Civilian Radioactive  
Waste Management  
U.S. Department of Energy  
1000 Independence Avenue, S.W.  
Washington, D.C. 20585  
(202) 586-5851

**Dr. Jane Stockey\***  
Staff Geologist  
Office of Geologic Disposal  
Office of Civilian Radioactive  
Waste Management  
U.S. Department of Energy  
1000 Independence Avenue, S.W.  
Washington, D.C. 20585  
(202) 586-1063

**Ms. Stacy Stubbs**  
Staff Engineer  
Institute for Energy &  
Environmental Research  
6935 Laurel Avenue  
Suite 204  
Takoma Park, Maryland 20912  
(301) 270-5500

\* Wednesday only; \*\* Thursday only

Mr. Ken Weaver  
Senior Health Physicist  
Radiation Control Division  
Colorado Department of Health  
210 East 11 Avenue  
Denver, Colorado 80220  
(303) 331-8497  
FAX: (303) 320-1529

Mr. Joe Youngblood  
Director  
Division of High-Level Nuclear Waste  
U.S. Nuclear Regulatory Commission  
M.S. 4H-3  
Washington, D.C. 20555  
(301) 492-3404  
For Courier:  
11555 Rockville Pike  
Room 4H-2, M.S. 4H-3  
Rockville, Maryland 20852

\* Wednesday only; \*\* Thursday only

## FINAL OBSERVERS LIST

### STRATEGIC PRINCIPLES WORKSHOP Brown Palace Hotel - Denver, Colorado

April 3-4, 1991

Ms. Sophia Angelini  
U.S. Department of Energy  
1000 Independence Avenue, S.W.  
Washington, D.C. 20585  
(202) 586-6975

Dr. Steve Brocoum  
U.S. Department of Energy  
1000 Independence Avenue, S.W.  
Washington, D.C. 20585  
(202) 586-9247

Ms. Paula Austin  
SAIC  
1710 Goodridge Drive  
M.S. T-2-7-1  
McLean, Virginia 22102  
(703) 827-4826

Mr. John Burns  
JK Associates  
1001 Spring Street  
Suite 406  
Silver Spring, MD 20910  
(301) 587-7098

Mr. Rich Bahorich  
Manager  
Nuclear Waste Technology Group  
Westinghouse Electric Corporation  
Box 598  
Mail Stop 8A-ITTC  
Pittsburg, Pennsylvania 15230-0598  
(412) 733-6156  
Courier:  
1/40 Golden Mile Highway  
Mail Stop 8A-ITTC  
Monroeville, Pennsylvania 15146

Ms. Maureen Conley  
Radioactive Exchange  
2014 P Street, N.W.  
Washington, D.C. 20036  
(202) 296-2814

Mr. Scott Dam  
WESTON  
955 L'Enfant Plaza, S.W.  
8th Floor  
Washington, D.C. 20024  
(202) 646-6660

Mr. Bob Bauer  
WESTON  
955 L'Enfant Plaza, S.W.  
8th Floor  
Washington, D.C. 20024  
(202) 646-6654

Mr. Roger DeHart  
Director  
Inyo County Planning Department  
c/o Inyo County Courthouse  
168 North Edwards Street  
Independence, California 93526  
(619) 878-2411

FAX: (619) 878-2241

For Courier:  
c/o Inyo County Courthouse  
168 North Edwards Street  
Independence, California 93526  
(Attention) Kelli Landshaw

Mr. Hank Bermanis  
WESTON  
955 L'Enfant Plaza, S.W.  
8th Floor  
Washington, D.C. 20024  
(202) 646-6600

Mr. John Gervers  
Latir Energy Consultants  
Box 126B, Route 7  
Sante Fe, New Mexico 87505  
(505) 984-3040

Mr. George Blankenship  
Planning Information Corporation  
1625 Broadway  
Suite 2670  
Denver, Colorado 80202  
(303) 629-9777

Mr. Raymond Godman  
Vice President  
TRW Environmental Safety Systems Inc.  
One Federal Systems Park Drive  
Fairfax, Virginia 22033  
(703) 934-7620  
FAX: (703) 934-7622

Mr. Art Greenberg  
R&D Associates  
2100 Washington Boulevard  
Arlington, Virginia 22204  
(703) 486-350

Ms. Stephanie Hanna  
U.S. Department of Energy  
1000 Independence Avenue, S.W.  
Washington, D.C. 20585  
(202) 586-5806

Dr. Robert Jackson  
WESTON  
955 L'Enfant Plaza, S.W.  
8th Floor  
Washington, D.C. 20024  
(202) 646-6610

Dr. Leslie Jardine  
Technical Project Office-YMPO  
Lawrence Livermore Laboratory  
P.O. Box 808, L-204  
Livermore, California 94550  
(415) 423-5032  
FAX: (415) 423-1997  
For Courier:  
7000 East Avenue  
L-204  
Livermore, California 94550

Dr. Jonathan Katz  
WESTON  
955 L'Enfant Plaza, S.W.  
8th Floor  
Washington, D.C. 20024  
(202) 646-6670

Ms. Sarah Kidwell  
CNN Business News  
5 Penn Plaza  
20th Floor  
New York, New York 10001  
(212) 714-7800

Ms. Ginger King  
Acting Director  
Education & Information Division  
Office of Civilian Radioactive  
Waste Management  
U.S. Department of Energy  
1000 Independence Avenue, S.W.  
Washington, D.C. 20585  
(202) 586-2835

Ms. Judy Kohler  
Associated Press  
1444 Wazee Street  
Suite 130  
Denver, Colorado 80202  
(303) 825-0123

Ms. Katherine Kornfeld  
WESTON  
955 L'Enfant Plaza, S.W.  
8th Floor  
Washington, D.C. 20024  
(202) 646-6663

Mr. Andrew Leiter  
WESTON  
955 L'Enfant Plaza, S.W.  
8th Floor  
Washington, D.C. 20024  
(202) 646-6600

Mr. Chuck Lempesis  
Office of the Nuclear Waste Negotiator  
3050 North Lakeharbor Drive  
Boise, Idaho 83703  
(208) 334-9876

Mr. Bill McConaghy  
Pacific Nuclear Fuel Services  
145 Martinvale Lane  
San Jose, California 95119  
(408) 281-6016  
FAX: (408) 281-6186

Mr. Robin McGuire  
Risk Engineering Inc.  
5255 Pine Ridge Road  
Golden, Colorado 80403  
(303) 278-9800

Mr. Daniel Metlay  
Secretary of Energy  
Advisory Board  
U.S. Department of Energy  
100 Independence Avenue, S.W.  
Room 7B198  
Washington, D.C. 20585  
(202) 586-7092



Dr. Bill Metz  
Argonne National Laboratory  
9700 South Cass Avenue  
Building 362  
Argonne, Illinois 60439  
(708) 972-3271  
FAX: (708) 972-5217

Mr. Richard Moore  
Clark County  
502 East 24th Street  
Cheyenne, Wyoming 82001  
(307) 634-7676

Mr. William Morgan  
WESTON  
955 L'Enfant Plaza, S.W.  
8th Floor  
Washington, D.C. 20024  
(202) 646-6671

Mr. Bob Mussler  
Office of the Nuclear Waste Negotiator  
1823 Jefferson Place, N.W.  
Washington, D.C. 20036  
(208) 334-9876

Mr. Paul Payne  
Supervisor  
Inyo County Board of Supervisor  
Inyo County Courthouse  
Post Office Drawer N  
Independence, California 93526  
(Attention): Kelli Landshaw  
(619) 878-2411  
FAX: (619) 878-2241  
For Courier:  
c/o Inyo County Courthouse  
168 North Edwards Street  
Independence, California 93526  
(Attention) Kelli Landshaw

Dr. Larry Ramspott  
Lawrence Livermore Laboratory  
P.O. Box 808, L209  
Livermore, California 94550  
(415) 422-4176  
For Courier:  
7000 East Avenue  
L209  
Livermore, California 94550

Mr. Dick Redmond  
WESTON  
955 L'Enfant Plaza, S.W.  
8th Floor  
Washington, D.C. 20024  
(202) 646-6600

Mr. James B. Reed  
National Conference of State Legislatures  
1560 Broadway  
Denver, Colorado 80202  
(303) 830-2200

Mr. Robby Robertson  
TRW  
One Federal Systems Park  
TES-T/300  
Fairfax, Virginia 22033  
(703) 934-7610

Mr. Larry Robertson  
U.S. Department of Energy  
1000 Independence Avenue, S.W.  
Washington, D.C. 20585  
(202) 586-6476

Ms. Cheryl Runyon  
National Conference of State Legislatures  
1560 Broadway  
Denver, Colorado 80202  
(303) 830-2200

Mr. James Short  
Technical Review Committee  
S.E.S.R.C.  
Washington State University  
Pullman, Washington 99164-4014  
(509) 335-1511

Mr. Charlie Smith  
U.S. Department of Energy  
1000 Independence Avenue, S.W.  
Washington, D.C. 20585  
(202) 586-6850

Mr. Lowell Snow  
WESTON  
955 L'Enfant Plaza, S.W.  
8th Floor  
Washington, D.C. 20024  
(202) 646-6675

Mr. Bill Sprecher  
U.S. Department of Energy  
1000 Independence Avenue, S.W.  
Washington, D.C. 20585  
(202) 586-8889

Mr. Dean Stucker  
U.S. Department of Energy  
1000 Independence Avenue, S.W.  
Washington, D.C. 20585  
(202) 586-9274

Mr. Edward C. Taylor  
TRW/M&O  
One Federal Systems Park  
ES-T/300  
airfax, Virginia 22033  
(703) 934-7612

Ms. Patricia Van Nelson  
WESTON  
955 L'Enfant Plaza, S.W.  
8th Floor  
Washington, D.C. 20024  
(202) 646-6745

Ms. Elizabeth A. Vibert  
Clark County District Attorney's Office  
Clark County, Nevada  
225 Bridger Avenue  
8th Floor  
Las Vegas, Nevada 89155  
(702) 455-4761

Mr. Arnie Wight  
Principled Negotiations, Inc.  
P.O. Box 1226  
Amherst, New Hampshire 03031  
(603) 672-1111

For Courier:  
3 Belden's Mill Lane  
Amherst, New Hampshire 03031

Mr. James M. Williams  
Planning Information Corporation  
1625 Broadway  
Suite 2670  
Denver, Colorado 80206  
(303) 629-9777

Ms. Samantha Williams  
U.S. Department of Energy  
1000 Independence Avenue, S.W.  
Washington, D.C. 20585  
(202) 586-1252

Mr. Steve Young  
CNN Business News  
5 Penn Plaza  
20th Floor  
New York, New York 10001  
(212) 714-7800

Mr. Bill Wowak  
WESTON  
955 L'Enfant Plaza, S.W.  
Floor  
Washington, D.C. 20024  
(202) 646-6617