



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

June 10, 1999

MEMORANDUM TO: C. William Reamer, Chief  
High-Level Waste and Performance  
Assessment Branch  
Division of Waste Management, NMSS

FROM: Sandra L. Wastler, Acting Section Leader  
High-Level Waste and Performance  
Assessment Branch  
Division of Waste Management, NMSS

SUBJECT: NUCLEAR ENERGY INSTITUTE (NEI) VISIT TO CENTER FOR  
NUCLEAR WASTE REGULATORY ANALYSES (CNWRA)

DATE & TIME: July 1, 1999  
8:30 AM - 11:30 PM. (CDT)

LOCATION: Center for Nuclear Waste Regulatory Analyses  
6220 Culebra Road, Bldg 189  
San Antonio, Texas,

OBJECTIVE: Overview Presentation on the High-Level Waste Program  
and the CNWRA

AGENDA: Draft Agenda attached

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Meetings and technical exchanges between NRC and DOE are open to members of the public and other interested parties wishing to attend as observers, pursuant to the spirit of the "Open Meeting Statement of NRC Staff Policy" (59 FR 48340, dated September 20, 1994) which details the open meeting policy for applicants.

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Meeting Notice

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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  
N. Slater, DOE/Wash, DC  
R. Dyer, YMPO  
S. Brocoum, YMPO  
R. Clark, YMPO  
A. Gil, YMPO  
S. Echols, M&O  
B. Price, Nevada Legislative Committee  
J. Meder, Nevada Legislative Counsel Bureau  
D. Bechtel, Clark County, NV  
E. von Tiesenhausen, Clark County, NV  
J. Regan, Churchill County, NV  
T. Cain, Esmeralda County, NV  
L. Fiorenzi, Eureka County, NV  
B. Mettam, Inyo County, CA  
T. Manzini, Lander County, NV  
E. Culverwell, 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  
D. Kolkman, White Pine County, NV  
D. Weigel, GAO  
W. Barnard, NWTRB  
R. Holden, NCAI  
A. Mitre, 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  
G. McKnight, Pahrump, NV

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| DATE | 06/11/99 |  | 06/11/99  |  |  |  |  |

**DRAFT AGENDA  
NUCLEAR ENERGY INSTITUTE (NEI) VISIT  
to the  
CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES  
July 1, 1999**

- |                   |   |   |
|-------------------|---|---|
| <b>8:30 a.m.</b>  | <b>Overview of Progress in the High-Level Waste Program</b>   | <b>B. Sagar</b>   |
| <b>9:15 a.m.</b>  | <b>Outlook and Issues</b><br><br>-Risk-informed approach to evaluating repository; integrated safety assessment and performance assessment<br>-Complementary roles of engineered and natural systems<br>-Performance confirmation plan<br>-CNWRA role as DOE peer and independent evaluator | <b>W. Patrick</b>   |
| <b>9:45 a.m.</b>  | <b>Visualization Laboratory</b><br><br>-Geological and physiographic features of the site<br>-Faulting, seismicity and stress   | <b>L. McKague<br/>J. Stamatkos<br/>D. Ferrill</b>                   |
| <b>10:00 a.m.</b> | <b>Total System Performance Assessment</b><br><br>-Base-case analyses of performance<br>-Effects of disruptive processes<br>-Sensitivity studies of key parameters  | <b>G. Wittmeyer<br/>S. Mohanty</b>                                  |
| <b>10:20 a.m.</b> | <b>Laboratory investigations</b><br><br>-Groundwater studies<br>-Waste package investigations<br>-Geochemistry and natural analogs studies<br>-Physical analog modeling of faulting process   | <b>Various<br/>R. Green<br/>N. Sridhar<br/>E. Percy<br/>D. Sims</b> |
| <b>11:00 a.m.</b> | <b>Adjourn</b>  |   |

**Note:** Rod McCullum departs for airport at 11:00 a.m. Discussions can continue with Steve Kraft in the p.m., if desired. Topics may include more detailed discussions on the CNWRA exploratory and confirmatory studies in the laboratory and field (e.g., focused geophysical investigations, glass waste-form studies, effectiveness of DOE/NRC/CNWRA interactions, the anticipated Environmental Impact Statement and Suitability Report review process, etc.

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**CNWRA Point of Contact:** Wes Patrick  
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