

**UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION
ATOMIC SAFETY AND LICENSING BOARD**

In the Matter of:

U.S. DEPARTMENT OF ENERGY

(LICENSE APPLICATION FOR GEOLOGIC
REPOSITORY AT YUCCA MOUNTAIN)

November 3, 2009

Docket No. 63-001

ASLBP Nos. 09-876-HLW-CAB01

09-877-HLW-CAB02

09-878-HLW-CAB03

09-892-HLW-CAB04

**AMENDED INITIAL NOTICE OF WHITE PINE COUNTY'S
OTHER WITNESSES**

Pursuant to CAB Case Management Order #2 of September 30, 2009, White Pine County herein provides its list of other witnesses whom the County may call at a hearing to provide testimony in support or defense of certain contentions subject to Phase I discovery. Accordingly, White Pine County may call the following other witnesses in any hearing of the above-entitled matter:

A. Greg Valentine, Ph.D. who is currently employed by the University of Buffalo and is believed by White Pine County to have performed tephra deposition modeling and other related work in support of the DOE License Application, including the Supplemental Environmental Impact Statement, while employed by Los Alamos National Laboratory. Dr. Valentine is believed to have knowledge of the work performed for DOE regarding the consequences of volcanic activity and spatial-temporal behavior of volcanic systems, with application to risk assessment and coupling to infrastructure response models as it relates to Yucca Mountain igneous event and downwind effects. Dr. Valentine can be contacted

at: University of Buffalo, 411 Cooke Hall, Buffalo, NY 14260-1350. Dr. Valentine may be called to testify regarding the following contentions:

WHI-NEPA-1; WHI-NEPA-2;

WHI-NEPA-3; WHI-NEPA-4

B. Gordon Keating, Ph.D. who is believed to be currently employed by Earth and Environmental Sciences Div., Los Alamos National Laboratory and is believed by White Pine County to have performed tephra deposition modeling and other related work in support of the DOE License Application, including the Supplemental Environmental Impact Statement, while employed by Los Alamos National Laboratory. Dr. Valentine is believed to have knowledge of the work performed for DOE regarding the consequences of volcanic activity and spatial-temporal behavior of volcanic systems, with application to risk assessment and coupling to infrastructure response models as it relates to Yucca Mountain igneous event and downwind effects. Dr. Keating is also believed to have experience with and knowledge of the models used in the FEIS demonstrating the results of a volcanic eruption intersecting a dike at Yucca Mountain High Level Waste facility including atmospheric transport of tephra. Dr. Keating can be contacted at Los Alamo National Laboratory, MS D452, PO Box 1663, Los Alamos, NM 87545. Dr. Keating may be called to testify regarding the following contentions:

WHI-NEPA-1; WHI-NEPA-2;

WHI-NEPA-3; WHI-NEPA-4

C. Charles Connor, Ph.D. who is believed to be currently employed by the University of South Florida and is believed to have led the peer review

of the volcanological work performed by Los Alamo National Laboratory in support of the DOE License Application, including the Supplemental Environmental Impact Statement. In addition, Dr. Conner is believed to have participated in development of volcanic hazard models in support of the DOE License Application, including developing and analyzing volcanic eruption scenarios in the desert southwest. Dr. Conner can be contacted at: 4202 E. Fowler Ave., Tampa, FL 33620. Dr. Connor may be called by White Pine County to testify regarding the following contentions:

WHI-NEPA-1; WHI-NEPA-2;
WHI-NEPA-3; WHI-NEPA-4

D. Med Durel who is believed to be employed by AGEISS Environmental, Inc. and is identified on Page 13-3 of the Final Supplemental Environmental Impact Statement for a Geologic Repository for the Disposal of Spent Nuclear Fuel and High-Level Radioactive Waste at Yucca Mountain, Nye County Nevada (DOE/EIS-0250F-S1, June 2008) as Lead Analyst regarding Mitigation in preparation of said FSEIS for DOE. Med Druel is believed to have knowledge with regard to the approach undertaken in the FESIS to address mitigation of impacts, including those associated with volcanism. Med Druel can be contacted at: P.O. Box 3516, Evergreen, CO 80437. Med Durel may be called to testify by White Pine County regarding the following contentions:

WHI-NEPA-1; WHI-NEPA-2;
WHI-NEPA-3; WHI-NEPA-4

E. Susan Sobczak-Bryan who is believed to be employed by AGEISS Environmental, Inc. and is identified on Page 13-6 of the Final Supplemental Environmental Impact Statement for a Geologic Repository for the Disposal of Spent Nuclear Fuel and High-Level Radioactive Waste at Yucca Mountain, Nye County Nevada (DOE/EIS-0250F-S1, June 2008) as Lead Analyst regarding Mitigation, Best Management Practices and Unavoidable Adverse Impacts in preparation of said FSEIS for DOE. Ms. Sobczak-Bryan is believed to have knowledge with regard to the approach undertaken in the FESIS to address mitigation of impacts, best management practices and unavoidable adverse impacts, including those associated with volcanism. Ms. Sobczak-Bryan can be contacted at: P.O. Box 3516, Evergreen, CO 80437. Ms. Sobczak-Bryan may be called by White Pine County to testify regarding the following contentions:

WHI-NEPA-1; WHI-NEPA-2;

WHI-NEPA-3; WHI-NEPA-4

F. Susan Walker who is believed to be employed by AGEISS Environmental, Inc. and is identified on Page 13-7 of the Final Supplemental Environmental Impact Statement for a Geologic Repository for the Disposal of Spent Nuclear Fuel and High-Level Radioactive Waste at Yucca Mountain, Nye County Nevada (DOE/EIS-0250F-S1, June 2008) as Deputy Manager; document Manager and Lead Analyst regarding Environmental Justice in preparation of said FSEIS for DOE. Ms. Walker is believed to have knowledge with regard to the approach undertaken in the FESIS to address volcanism impacts and related mitigation. Ms. Walker can be contacted at: P.O. Box 3516, Evergreen, CO 80437. Ms.

Walker may be called by White Pine County to testify regarding the following contentions:

WHI-NEPA-1; WHI-NEPA-2;

WHI-NEPA-3; WHI-NEPA-4

G. David H. Lester who is believed to be employed by Jason Associates Corp., Las Vegas, NV. and is identified on Page 13-5 of the Final Supplemental Environmental Impact Statement for a Geologic Repository for the Disposal of Spent Nuclear Fuel and High-Level Radioactive Waste at Yucca Mountain, Nye County Nevada (DOE/EIS-0250F-S1, June 2008) as Lead Analyst regarding Postclosure Consequences in preparation of said FSEIS for DOE. Mr. Lester is believed to have knowledge with regard to the approach undertaken in the FESIS to address volcanism related postclosure consequences. Mr. Lester can be contacted at: Jason Associates Corp., Las Vegas, NV. Mr. Lester may be called by White Pine County to testify regarding the following contentions:

WHI-NEPA-1; WHI-NEPA-2;

WHI-NEPA-3; WHI-NEPA-4

H. YuChien Yuan who is believed to be employed by Jason Associates Corp., Las Vegas, NV. and is identified on Page 13-7 of the Final Supplemental Environmental Impact Statement for a Geologic Repository for the Disposal of Spent Nuclear Fuel and High-Level Radioactive Waste at Yucca Mountain, Nye County Nevada (DOE/EIS-0250F-S1, June 2008) as Lead Analyst regarding Occupational and Public Health and Safety-radiological in preparation of said FSEIS for DOE. Mr. Yuan is believed to have knowledge with regard to the approach undertaken in the FESIS to

address radiological aspects of occupational and public health and safety. In addition, Mr. Yuan is believed to have knowledge of the approach utilized in preparation of the FSEIS regarding radionuclide transport and pathway analysis including risk assessment. Mr. Yuan can be contacted at: Jason Associates Corp., Las Vegas, NV. Mr. Yuan may be called by White Pine County to testify regarding the following contentions:

WHI-NEPA-1; WHI-NEPA-2;

WHI-NEPA-3; WHI-NEPA-4

I. John E. Till, Ph.D. who is employed by Risk Assessment Corporation will be testifying as a witness for White Pine County. Dr. Till will testify regarding the environmental and public health consequences of deposition of radiation contaminated tephra and exposure to radiation contaminated volcanic gases in White Pine County. In addition he will testify regarding the risk associated with transport of radionuclides from Yucca Mountain, NV into White Pine County, Nevada. Dr. Till can be contacted at Risk Assessment Corporation, 417 Till Road, Neeses, SC 29107. Dr. Till will testify as a witness for White Pine County regarding the following contentions:

WHI-NEPA-1; WHI-NEPA-2;

WHI-NEPA-3; WHI-NEPA-4

White Pine County may call any or all witnesses identified by the United State Department of Energy or the Staff of the Nuclear Regulatory Commission who are identified by them as witnesses in the matter of volcanism, tephra deposition, volcanic gases, mitigation of the effects of radiation contaminated tephra and mitigation of the

effects of radiation contaminated volcanic gases or the meteorology of the Yucca Mountain area to testify in any hearing on this matter.

DATED this 3RD day of November, 2009.

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