

December 7, 2009

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of)	
)	
U.S. DEPARTMENT OF ENERGY)	Docket No. 63-001-HLW
)	
(High-Level Waste Repository))	ASLBP No. 09-892-HLW-CAB04
)	

NRC STAFF WITNESS IDENTIFICATION UPDATE

On September 30, 2009, Construction Authorization Board-04 ("the Board") issued "CAB Case Management Order #2" ("Order") addressing matters related to discovery in the above-captioned proceeding. The Order opened discovery for Phase I of the proceeding, consisting of legal issue, NEPA, and safety contentions related to Volumes 1 and 3 of the SER. Order at 3. Pursuant to the Order, the parties, including the NRC staff ("Staff") with respect to Phase I NEPA contentions, were required to identify the witnesses it intends to call at the hearing in support or defense of each contention included in Phase I of discovery within 10 days, and to update the witness disclosures every sixty days thereafter. *Id.* at 5.

On October 8, 2009, the Staff identified four witnesses for the Phase I NEPA contentions. At this time, the Staff has identified no additional witnesses. A corrected *curriculum vitae* for one of the Staff's previously identified witnesses, Christine L. Pineda, is attached. The corrections reflect a change in planned training.

Respectfully submitted,

/Signed (electronically) by/

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Dated at Rockville, Maryland
this 7th day of December, 2009

CHRISTINE LENORE PINEDA

U.S. Nuclear Regulatory Commission, MS EBB-02-02, Washington DC 20555-0001

EDUCATION

M.S., Environmental Science and Policy, Johns Hopkins University, 2000

B.A., Sociology, Dickinson College, 1993

Certificate, Environmental Studies, Dickinson College, 1993

PROFESSIONAL EXPERIENCE

February, 2007 – Present: Senior Project Manager, U.S. Nuclear Regulatory Commission, Office of Nuclear Material Safety and Safeguards, Division of High-Level Waste Repository Safety

Project lead responsible for developing the NRC staff's Adoption Determination Report (ADR) regarding the Department of Energy's Environmental Impact Statement (EIS) and supplemental EISs relating to a proposed repository at Yucca Mountain, Nevada, and a proposed rail alignment in Nevada. Developed staff guidance for the adoption review; identified and trained interdisciplinary team on National Environmental Policy Act (NEPA) requirements, Nuclear Waste Policy Act requirements, and NRC regulations relating to the adoption review; managed team's EIS review process; co-wrote and managed development of ADR. Participated in workshops with the Affected Units of Local Government to clarify NRC's role for repository licensing and responsibilities under NEPA. Project lead responsible for organizing and managing the NRC staff team that provided formal comments on DOE's 2007 draft Yucca Mountain EISs and conducting a follow-up lessons-learned exercise.

Managed aspects and developed a portion of a report on NRC staff's Congressionally-mandated review of the regulatory processes of DOE's Hanford Waste Treatment Plant (WTP). Pursuant to the direction of the Congress, NRC staff conducted a high-level review of DOE's regulatory processes for the WTP to compare DOE's regulatory approach to NRC's process for nuclear safety regulation. Provided project management support; reviewed the WTP environmental protection measures and compliance program; and developed a section of the report addressing environmental protection measures.

June, 2005 – February, 2007: Project Manager, U.S. Nuclear Regulatory Commission, Office of Nuclear Material Safety and Safeguards, Division of High-Level Waste Repository Safety

Project manager for a variety of activities in the NRC's high-level waste program. Responsibilities included project management support to the senior project manager to ensure that the NRC was fulfilling its obligations under the National Environmental Policy Act, the Endangered Species Act, and the National Historic Preservation Act, as well as complying with NRC's regulations for potential adoption of DOE's Yucca Mountain environmental impact statement under the Nuclear Waste Policy Act. Responsibilities also included project management and coordination of Licensing Support Network activities and the development of internal policies and guidance for division staff. Served as member of Division's Yucca Mountain public outreach team and internal communications working group.

October, 2002 – June, 2005: Project Manager, U.S. Nuclear Regulatory Commission, Office of Nuclear Material Safety and Safeguards, Division of Waste Management and Environmental Protection

One of two project managers responsible for managing the development of a final EIS to support the licensing review for a new uranium enrichment plant (National Enrichment Facility in Lea County, New Mexico). Lead project manager for contract management and certain

technical issues relating to the development of an EIS for the clean-up of a uranium conversion plant during a time when the plant was being shifted to a different regulatory program within the NRC. Author of guidance for NMSS staff to comply with Endangered Species Act consultation requirements (contained in NUREG-1748, *Environmental Review Guidance for Licensing Actions Associated with NMSS Programs*). Lead developer of an environmental assessment for the approval of Yankee Rowe nuclear power plant license termination plan. Reviewer of numerous environmental assessments for NRC headquarters and regional office regulatory actions associated with a variety of industrial, medical, and other nuclear materials facilities or activities. Reviewer of an EIS for an independent spent fuel storage facility at the Idaho National Engineering and Environmental Laboratory; Reviewer of portions of a generic EIS for a proposed NRC regulation concerning the control of solid materials, including scrap metal and concrete, generated from decommissioning of NRC licensee facilities. Part of a team to audit Brookhaven National Laboratory activities involving ionizing radiation to determine the extent to which such activities at the laboratory would comply with NRC requirements.

February, 2001 – October, 2002: Analyst, U.S. Nuclear Regulatory Commission, Office of Nuclear Regulatory Research, Division of Risk Analysis and Applications

Supported senior technical and management staff by assisting with research activities to support risk-informed rulemakings or rule revisions. Developed a colloquium for about 60 branch staff and laboratory contractors to discuss ongoing projects and explore future research possibilities. Assisted the division's senior technical advisor in NRC's activities to support an international research cooperative for risk-informed decision-making. Participated in a study of nuclear power plant vulnerabilities after September 11, 2001, focusing on spent fuel pool vulnerabilities. Lead coordinator of an agency-wide effort to update a NRC report documenting and describing NRC's risk-informing activities.

June, 1996 – February, 2001: Project Analyst, Environmental Resources Management, Inc. (Exton, PA and Annapolis, MD)

Environmental consultant to private and public sector entities: managed or conducted numerous environmental assessments of commercial, industrial, and government sites, as well as hazardous waste management facilities; developed tools (checklists, regulatory summaries, and guidance) on Federal and state environmental regulations for use in environmental compliance audits; and participated in assessments of corporate environmental management programs. Responsible for coordinating with corporate or facility offices, conducting on site reviews of regulatory status and physical aspects of the sites, verifying status with regulatory agencies, and writing detailed or summary reports of the audits. Interviewed and coordinated with people in a variety of functions, including military officers and civilian staff, corporate management, corporate financial officers and legal counsel, factory workers, engineers, and regulatory agency representatives.

RELEVANT FIELD EXPERIENCE

2004 – 2007: developed and led multiple field trips along the Department of Energy's proposed Caliente rail corridor.

2009: participated in field trip to springs in Death Valley area related to regional groundwater flow.

RELEVANT TRAINING

Presenting Data and Information (Edward Tufte), September 2009

NEPA Cross-Cutting Training (Environmental Protection Agency), September 2008

Section 106 Essentials (Advisory Council on Historic Preservation), June 2006
Licensing and Evaluation of a High-Level Waste Geologic Repository (NRC), August 2005
High-Level Waste Health Physics (NRC), September 2004
Environmental Monitoring for Radioactivity (NRC), June 2004
Socioeconomic Impact Analysis (Duke University), February 2004
Fuel Cycle Processes (NRC), March 2003
Managing the NEPA Process (Shipley Group), December 2002
Introduction to risk assessment in NMSS (NRC), December 2002
Citizen Participation (Hans and Annemarie Bleiker), October 2002
Public Outreach Meetings (NRC), September 2002
Introductory Health Physics (NRC), July 2002
Applying Statistics (NRC), July 2001
The Regulatory Process (NRC), June 2001

PUBLICATIONS

No relevant publications within the last 10 years

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CERTIFICATE OF SERVICE

I hereby certify that copies of the "NRC STAFF WITNESS IDENTIFICATION UPDATE" in the above-captioned proceeding have been served on the following persons this 7th day of December, 2009, by Electronic Information Exchange.

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