

# AGENDA

## COMMUNITY ENVIRONMENTAL MONITORING PROGRAM (CEMP)

### ANNUAL WORKSHOP

July 27-30, 2009

BRISTLECONE CONVENTION CENTER

Ely, Nevada

(888) 406-3055



### Sunday July 26

3:00pm Check-in available at Hotel Nevada

### Monday July 27

7:00am Continental Breakfast

#### RADIATION TRAINING

8:00am	A Brief History of the CEMP	Ted Hartwell-DRI
8:30am	Atomic Structure and History	Jerry Martin-EPA, Retired
9:15am	Radioactivity and Characteristics of Radiation	Jeff Tappen-DRI
10:00am	<b>Break</b>	
10:15am	Radiation Units of Measurement	Jeff Tappen-DRI
10:30am	Nuclear Weapons Characteristics	Jerry Martin-EPA, Retired
11:15am	Radiobiology (Health Effects)	Steve Curtis-DRI
12:15pm	<b>Lunch – No Host</b>	
1:30pm	Principles of Radiation Safety	Jeff Tappen-DRI
1:50pm	Nuclear Power, Then and Now	Gary Sandquist-Emeritus, University of Utah
3:00pm	<b>Break</b>	
3:15pm	Radiation Instrumentation	Lynn Karr-DRI
4:00pm	Q&A and Hands-on	Everyone
5:00pm	End of Radiation Training	
6:00–8:00pm	<b>Hosted Reception---Postal Palace (behind Hotel Nevada)</b>	

### Tuesday July 28

7:00am	<b>Continental Breakfast</b>	
8:00am	Session Begins—Opening Remarks	Ted Hartwell-DRI
8:15am	DRI Welcome & Overview	Steve Wells-President, DRI
8:35am	NNSA Welcome	Pete Sanders (NC)-Manager, NNSA/NSO
8:45am	CEMP Status and update on NTS activities	Bruce Hurley/Pete Sanders-NNSA/NSO
9:15am	Environmental Restoration at the NTS	Rob Boehlecke-NNSA/NSO
9:40am	Update on Underground Test Area (UGTA) Groundwater Studies at the NTS	Bill Wilborn-NNSA/NSO
10:00am	<b>Break</b>	
10:15am	Travel Claims	Barbara Kennedy-DRI
10:30am	CEM Introductions (everyone)	Community Representatives
11:00am	Paperwork/Procedural Issues	Craig Shadel-DRI
11:15am	CEMP Website Update	Greg McCurdy-DRI
12:00pm	<b>Lunch–No Host</b>	

1:15pm	Why No One Believes Us: Cognitive Neuroscience and Radiation Risk	Richard Toohey-Oak Ridge Associated Universities
2:00pm	Climate Change Science: Can the Skeptics Ever Be Convinced?	Joyce Penner-University of Michigan
2:45pm	<b>Break</b>	
3:00pm	Radioactivity in the Geologic Environment	Bruce Hurley-NNSA/NSO
3:45pm	CARE Radiation Therapy: Increasing Effectiveness and Reducing Side-effects	Richard Blankenbecler-Emeritus, Stanford University
4:30pm	Discussion and Q&A	
5:00pm	End of session	
6:00pm	<b>Hosted Barbecue---Postal Palace (Behind Hotel Nevada)</b>	
7:00pm	BBC movie "Climate Wars" on the History of climate change skepticism	75-minute documentary video (optional attendance) Postal Palace

### **Wednesday July 29**

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7:00am	<b>Continental Breakfast</b>	
8:00am	Climate Change and the Great Basin	Kelly Redmond-DRI
8:45am	Deep Earth Life and the Nevada Test Site Connection	Duane Moser-DRI
9:30am	<b>Break</b>	
9:45am	Effects of Human Activities on the Arctic Climate	Joe McConnell-DRI
10:30am	Prehistoric Environments and People in the Bonneville Basin	David Rhode-DRI
11:15am	The Phantom Fallout-Induced Cancer Epidemic in Southwestern Utah	Daniel Miles-Emeritus, Dixie State College
12:00pm	<b>Lunch-no Host</b>	
1:00pm	Psychosocial and Health Impacts of Uranium Mining and Milling on Navajo and other Tribal Peoples in the American Southwest	Susan Dawson and Gary Madsen-Utah State University
1:45pm	Nuclear Power: An Environmental Solution	Gary Sandquist-Emeritus, University of Utah
2:30pm	<b>Break</b>	
2:45pm	Panel Discussion	Church/Dawson/Madsen/Miles/Redmond/Sandquist
4:00pm	End of session	
4:30-6:00pm	Train Ride (optional)	Nevada Northern Railway

### **Thursday July 30**

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8:00am	<b>Continental Breakfast</b>	
9:00am	Workshop Summary & Review/ Program Discussion	Ted Hartwell-DRI
11:00am	<b>End of Workshop/CHECK OUT TIME</b>	

#### **Acronyms**

DRI	Desert Research Institute
EPA	Environmental Protection Agency
NNSA/NSO	National Nuclear Security Administration/Nevada Site Office
NTS	Nevada Test Site