

Institute of Nuclear Materials Management

**25th Spent Fuel Management
Seminar
2008**

January 16-18, 2008
Washington, D.C., USA

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571
www.proceedings.com

ISBN: 978-1-60560-324-7

Some format issues inherent in the e-media version may also appear in this print version.

Institute of Nuclear Materials Management

25th Spent Fuel Management Seminar
2008

TABLE OF CONTENTS

Evaluation of the MacArthur Maze Fire and Bridge Collapse.....	1
<i>Chris Bajwa</i>	
Yucca Mountain Project Update	19
<i>Steven E. Gomberg</i>	
Office of Logistics Management Update	21
<i>Gary Lanthrum</i>	
Licensing of a Potential Geologic Repository at Yucca Mountain	29
<i>Timothy McCartin</i>	
Interim Storage: Update and Timelines	35
<i>John Parkyn</i>	
Technical Issues in Storage and Transportation.....	43
<i>Edwin Hackett</i>	
Nevada Rail Line Construction Activities.....	48
<i>Ned Larson</i>	
The Global Nuclear Energy Partnership	55
<i>Buzz Savage</i>	
ASME B&PV Code Section III, Division 3 "NUPACK" Update	66
<i>Gerrick J. Solovey</i>	
Transportation, Aging and Disposal (TAD) Canister System Status.....	73
<i>Dave Zabransky</i>	
Integrated Used Nuclear Fuel Management	77
<i>Steven P. Kraft</i>	
Licensing and Inspection Observation and Experiences	86
<i>Nader Mamish</i>	
Establishing a U.S. Manufacturing Center of Excellence for the Nuclear Renaissance	91
<i>Pierre Oneid</i>	
Update on Yucca Mountain Repository Design.....	113
<i>William R. Spezialetti</i>	
Spent Fuel Storage Projects at Dominion	127
<i>Brian Wakeman</i>	
Perspectives on the OCRWM National Transportation Program.....	148
<i>N/A</i>	
Current Status of R&D on Spent Fuel Storage CRIEPI's Perspectives 2008	153
<i>H. Takeda, K. Shirai, M. Wataru, J. Tani, T. Arai, T. Saegusa</i>	
Development of Multilayer (Steel-Lead-Resin) Cask with New Materials	171
<i>Shintaro Miyazaki</i>	

Is There Light At The End Of The Tunnel?	190
<i>Jay E. Silberg</i>	
Burnup Credit for Spent Fuel Transportation Packages-Advancing the Ball	206
<i>Steven E. Sisley</i>	
Holtec Transport and Storage Systems for Overseas Clients	213
<i>Dr. Stefan Anton</i>	
Spent Fuel Storage Overview and Experience	222
<i>E. William Brach</i>	
Management of DOE SNF and HLW	227
<i>Bill Hurt</i>	
Implementation of Certificate of Compliance Amendments to Previously Loaded Spent Fuel Storage Casks	231
<i>Robert Nelson</i>	
NAC Dry Storage Technology: Advances and Achievements in 2007	235
<i>Charles W. Pennington</i>	
Spent Nuclear Fuel (SNF) Transfer between SRS and INL	245
<i>Scotty DeClue</i>	
Industry Perspective on the GNEP-Yucca Mountain Relationship	254
<i>Bob Quinn</i>	
NAC Spent Fuel Transportation Leadership in the U.S.-Decades of Success	260
<i>Juan C. Subiry</i>	
International Developments in Spent Fuel Management	271
<i>W. Danker</i>	
GNEP Separations Technology Development and its Prospective Impact on Waste Management	283
<i>James J. Laidler</i>	
NETCO-SNAP-IN Rack Inserts: Neutron Poison Replacement for Fuel Storage Applications	290
<i>K.S. Leuenroth</i>	
Update of Holtec's Spent Fuel Storage Profram for 2007	296
<i>N/A</i>	

Author Index