

June 1, 2004

MEMORANDUM TO: Robert A. Nelson, Chief  
Uranium Processing Section  
Fuel Cycle Facilities Branch  
Division of Fuel Cycle Safety  
and Safeguards, NMSS

FROM: Ron C. Linton, Project Manager **/RA/**  
Uranium Processing Section  
Fuel Cycle Facilities Branch  
Division of Fuel Cycle Safety  
and Safeguards, NMSS

SUBJECT: MEETING SUMMARY AND ASSOCIATED MATERIALS, ANNUAL  
NATIONAL MINING ASSOCIATION AND NUCLEAR REGULATORY  
COMMISSION URANIUM RECOVERY WORKSHOP - MAY 18  
AND 19, 2004

The annual National Mining Association (NMA)/Nuclear Regulatory Commission (NRC) Uranium Recovery Workshop was held on May 18 and 19, 2004, at the Executive Towers Hotel in Denver, Colorado. In attendance were NRC staff, other Federal and State regulators, NRC licensees, and NMA members. Enclosed is a brief meeting summary, agenda, attendance list, and copies of materials used or supplied by presenters and panelists during the Workshop.

Attachments:

1. Meeting Summary
2. Attendee Sign-in Sheet

June 1, 2004

MEMORANDUM TO: Robert A. Nelson, Chief  
Uranium Processing Section  
Fuel Cycle Facilities Branch  
Division of Fuel Cycle Safety  
and Safeguards, NMSS

FROM: Ron C. Linton, Project Manager **/RA/**  
Uranium Processing Section  
Fuel Cycle Facilities Branch  
Division of Fuel Cycle Safety  
and Safeguards, NMSS

SUBJECT: MEETING SUMMARY AND ASSOCIATED MATERIALS, ANNUAL  
NATIONAL MINING ASSOCIATION AND NUCLEAR REGULATORY  
COMMISSION URANIUM RECOVERY WORKSHOP - MAY 18  
AND 19, 2004

The annual National Mining Association (NMA)/Nuclear Regulatory Commission (NRC) Uranium Recovery Workshop was held on May 18 and 19, 2004, at the Executive Towers Hotel in Denver, Colorado. In attendance were NRC staff, other Federal and State regulators, NRC licensees, and NMA members. Enclosed is a brief meeting summary, agenda, attendance list, and copies of materials used or supplied by presenters and panelists during the Workshop.

Attachments:

1. Meeting Summary
2. Attendee Sign-in Sheet

DISTRIBUTION:  
FCFB r/f

C:\ORPCheckout\FileNET\ML041560502.wpd

**ML041560502**

<b>OFC</b>	FCFB		FCFB		FCFB	
<b>NAME</b>	R. Linton		B. Garrett		R. Nelson	
<b>DATE</b>	6/1/04		6/1/04		6/1/04	

**OFFICIAL RECORD COPY**

## MEETING SUMMARY

DATE: May 18 and 19, 2004

TIME: 8:30 a.m. - 4:30 p.m.

PLACE: Symphony Ballroom of the Executive Tower Hotel  
1405 Curtis Street,  
Denver Colorado 80202

PURPOSE: Annual National Mining Association (NMA) and Nuclear Regulatory Commission (NRC) Uranium Recovery Workshop 2004

ATTENDEES: See Attachment 2

### DISCUSSION:

The annual Uranium Recovery Workshop between the NMA/NRC was held at the Executive Tower Hotel, Denver, Colorado, May 18 and 19, 2004. In attendance were NRC staff, other Federal and State regulators, NRC licensees, and NMA members. An attendance list is attached.

There were 18 individual presentations and two panel style discussions covering a wide range of uranium recovery and industry related topics. Presentation materials used and handouts provided by the individual presenters and panelists are included in this meeting report. Please note that several individuals on panel discussions did not have presentation materials and their comments were not recorded for inclusion in this report.

ACTIONS: No action items were identified during the meeting.

### ENCLOSURES:

1. Agendas - May 18, 2004, May 19, 2004
2. Presentations or handouts provided during the meeting

**AGENDA FOR THE 2004  
NATIONAL MINING ASSOCIATION/NUCLEAR  
REGULATORY COMMISSION URANIUM RECOVERY WORKSHOP**

**Executive Tower Hotel, Denver, Colorado**

**May 18, 2004**

- 8:00 a.m. Registration/Continental Breakfast
- 8:30 a.m. Welcome/Opening Remarks – Katie Sweeney, NMA  
– Gary Janosko, NRC
- 8:40 a.m. Overview of Uranium Recovery Branch Activities – Robert Nelson, NRC
- 9:00 a.m. NRC Activities for Controlling the Disposition of Solid Materials – Elaine Brummett, NRC
- 9:30 a.m. Overview UR Inspections Activities – Jack Whitten, NRC
- 10:00 a.m. BREAK**
- 10:15 a.m. NMA/FCFF White Paper on Disposal of non 11e.(2) material in Mill Tailings Piles – Anthony J. Thompson,  
Law Office of  
Anthony J. Thompson
- 11:00 a.m. Update on the American Nuclear Site – Mark Moxley, State of Wyoming
- 11:30 a.m. LUNCH (ON YOUR OWN)**
- 1:00 p.m. Land Transfer Issues (Panel Discussion) – Maria Schwartz, NRC  
– Ernie Scott, Anadarko  
– Mike Franko, Petrotomics  
– Lynne Boomgaarden,  
State of Wyoming  
– Mike Malmquist & Patricia Winmill,  
Parsons, Behle & Latimer  
– Steve Schiesswohl, DOE (invited)
- 2:30 p.m. BREAK**
- 2:45 p.m. Update on ACL Applications – Bill Von Till, NRC
- 3:30 p.m. Mill Demolition – Successful Use of a Risk Management Approach – Terry Fletcher, Rio Algom
- 4:00 p.m. EPA ANPR on Management and Disposal of Low-Activity Materials – Adam Klinger, EPA

**AGENDA FOR THE 2004  
NATIONAL MINING ASSOCIATION/NUCLEAR  
REGULATORY COMMISSION URANIUM RECOVERY WORKSHOP**

**Executive Tower Hotel, Denver, Colorado**

**May 19, 2004**

- 8:00 a.m. Continental Breakfast
- 8:30 a.m. EPA Uranium Drinking Water Standard and its Impact on States – Katie Sweeney, NMA  
– Dave Frydenlund, IUC  
– Paul Goranson, Rio Algom  
– Oscar Paulson, Kennecott
- 9:30 a.m. Update on MOU Approach for Deferring Groundwater Regulation at ISL Facilities – Ron Linton, NRC
- 10:00 a.m. BREAK**
- 10:15 a.m. Progress Report: NRC/USGS Study on Geochemical Issues of Groundwater Restoration at ISL Facilities – Diana Diaz-Toro, NRC
- 10:30 a.m. Economic Forecast for Uranium – Fletcher Newton,  
Power Resources
- 11:00 p.m. DOE's New Office of Legacy Management and Where Uranium Recovery Fits – Donna Bergman-Tabbert, DOE
- 11:30 a.m. LUNCH (ON YOUR OWN)**
- 1:00 p.m. Integration of Nationwide Aquifer Exemptions in a Geographic Information System – Mario Salazar, EPA
- 1:30 p.m. Update on Utah Agreement State Status – Loren Morton, State of Utah
- 2:00 p.m. Changes to the Regulations for Safe Transport of Radioactive Materials – Charles Simmons, Law Offices of Charles T. Simmons
- 2:30 p.m. BREAK**
- 2:45 p.m. Revised Restricted Release Criteria – Robert Nelson, NRC
- 3:15 p.m. Practical Issues Associated with Financial Assurance – Chris Pugsley, Law Offices of Anthony J. Thompson
- 3:45 p.m. Wrap Up



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
HEADQUARTERS**

**ATTENDEE SIGN- IN SHEET**

Subject: 2004 National Mining Association/ NRC Uranium Recovery Workshop

Date: May 18 and 19, 2004 Location: Executive Towers Hotel, Denver, Colorado

**PLEASE PRINT ALL INFORMATION LEGIBLY**

<b>NAME (e.g. J.B. Doe)</b>	<b>COMPANY TITLE (V.P. Nuclear Operations)</b>	<b>PHONE NUMBER (Area code) XXX=XXXX</b>
Adam Klinger	US EPA	(202) 343-9378
Ken Weaver	CO Dept. of Public Health	(303) 692-3431
Steve Laflin	International Isotopes, Inc.	(208) 524-5300
John Miller	International Isotopes, Inc.	(208) 524-5300
Jack E. Whitten	NRC	(817) 860-8197
Bob Nelson	Dawn Mining	(509) 258-4511
Dorothy Stoffel	WA Health	(509) 456-3166
Phil Egidi	CDPHE	(303) 692-3447
David Levy	Telesto Solution	(907) 989-7704
Phil Stoffey	CDPHE	(303) 692-3452
Richard Graham	EPA-R8	(303) 312-7080
Micheal Tucker	DOE-LM50	(970) 248-6004
Ron Linton	NRC	(301) 415-7777
Katie Sweeney	NMA	(202) 463-2627
Gary Janosko	NRC	(301) 415-7244
Elaine Brummett	NRC	(301) 415-6606
Anthony J. Thompson	Attorney PC, Outside Counsel-NMS	(202) 496-0780
John S. Hamrick	Umetco	(970) 256-8820

<b>NAME (e.g. J.B. Doe)</b>	<b>COMPANY TITLE (V.P. Nuclear Operations)</b>	<b>PHONE NUMBER (Area code) XXX=XXXX</b>
Oscar Paulson	Kennecott Uranium Company	(307) 324-4924
Kenneth R. Baker	ERG	(505) 298-4224
Gary J. Lasswell	Eberline Services, Inc.	(303) 941-6035
Clifton Farrell	Nuclear Energy Institute	(202) 739-8098
Stephen J. Pfaff	Petrotomics Company	(307) 234-9874
Michael J. Franko	Petrotomics Company	(303) 697-8073
Jennifer T. Opila	Colorado Dept. of Public Health & Environment	(303) 692-3403
Paul Goranson	Rio Algom Mining LLC	(405) 858-4807
Bruce Law	Rio Algom Mining LLC	(405) 842-1945
Pat Winmill	Parsons Behle	(801) 536-6602
Bob Nelson	NRC	(301) 415-7298
Fletcher Newton	Power Resources	(720) 879-5523
Jan Johnson	MFG	(970) 481-5101
Terry Fletcher	Rio Algom Mining	(505) 287-8851
Peter Luthiger	Rio Algom Mining	(505) 287-8851
Harry Anthony	AES	(361) 592-7595
Clyde Yancey	Maxim Technologies	(505) 237-8440
Mario Salazar	EPA	(202) 564-3894
Paul S. Osborn	EPA-Reg III	(202) 312-6125
F. A. Groth	New Frontier	(303) 745-5270
Tom Pool	INI	(303) 278-6954
Harley Shaver	Attorney	(303) 757-7500
Lawrence Corte	Western Nuclear	(602) 366-8094
Dave Frydenlund	J.U.C.	(303) 389-4130
Russell Jones	Kerr-McGee	(405) 270-2665
Charles Simmons	Law Office of CTS	(202) 496-9111
Mark Thiesse	WY DEQ	(307)332-3144
Mark Moxley	WY DEQ	(307) 332-3047
Craig Harlin	Sequoyah Fuels	(918) 489-5511x14

<b>NAME (e.g. J.B. Doe)</b>	<b>COMPANY TITLE (V.P. Nuclear Operations)</b>	<b>PHONE NUMBER (Area code) XXX=XXXX</b>
Jon Sink	Dept. of Energy	(970) 248-6016
Roberta Hoy	WDEQ/LQD	(307) 777-5422
Ernie Scott	Anadarko	(303) 352-3304
Steve Ingle	WDEQ/LQD	(307) 777-7064
Patricia Bobeck	Texas Dept. of Health	(512) 834-6688
Mike Malmquist	Rio Algom/Parsons Behle	(801) 536-6658
Louis C. Carson II	NRV Reg IV	(817) 860-8221
Moe A. Pasha	EMC	(303) 384-0430
Tom Nicholson	Cogema	(307) 234-5019
Denis Anderson	Pathfinder Mines	(307) 234-5019
Jill Caverly	NRC	(301) 415-6699
Maria E. Schwartz	NRC	(301) 415-1888
Bill von Till	NRC	(301) 415-6251
Michael Lafleur	Lafleur Remediation Tech	(225) 216-9660-
Duane Bollig	Water Remediation Tech	(308) 424-5355
George L. Hoffman	Hydro-Eng. LLC	(307) 266-6597
Alan Cox	Homestake Mining Co.	(307) 266-6597
Fred Craft	U.S. Energy Corp	(307) 856-9271
Michelle Rehmonn	Savci Env. Tech LLC	(720) 981-4077 (303) 717-5236
Hal Demuth	Petrotoomic	(303) 290-9714
Maryann Grodin	NRC/OIG	(301) 415-5995
Debbie Lipkey	NRC/OIG	(301) 415-5860
Steve Tarlton	CO DPHE	(303) 692-3423
Bob Lewis	Komex	(303) 271-0795
Mark Plessinger	Stoller	(970) 248-6571
Bill Kearney	Power Resource	(307) 358-6541
Craig Little	MFG	(970) 260-2810
Donna Tabbert	DOE	(970) 248-6001
David Miesbach	Nebraska DEQ	(402) 471-4982



<b>NAME</b> <b>(e.g. J.B. Doe)</b>	<b>COMPANY TITLE</b> <b>(V.P. Nuclear Operations)</b>	<b>PHONE NUMBER</b> <b>(Area code) XXX=XXXX</b>
Annette Kovar	Nebraska DEQ	(402) 471-3194
Dave Carlson	Nebraska DEQ	(308) 432-6110
Mike Griffin	Crow Butte	(308) 665-2215
Dan Shram	Envirocare	(801) 532-1330
Diana Diaz	NRC	(415) 415-6640
Dan Erskine	Maxim	(505) 237-8440
Steve Schiesswohl	DOE	(303) 966-6501