



# FCIX<sub>2008</sub>

## FUEL CYCLE INFORMATION EXCHANGE

Hosted by:

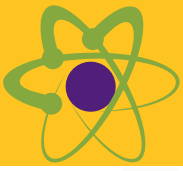
The U.S. Nuclear Regulatory Commission  
Office of Nuclear Material  
Safety and Safeguards

**June 17—18, 2008**

The Two White Flint North Auditorium,  
NRC Headquarters, Two White Flint North  
11545 Rockville Pike, Rockville, MD

**June 19, 2008**

Commission Hearing Room  
NRC Headquarters, One White Flint North  
11555 Rockville Pike, Rockville, MD



# FCIX<sub>2008</sub>

## NRC's FUEL CYCLE INFORMATION EXCHANGE (FCIX)

### Welcome!

The U.S. Nuclear Regulatory Commission (NRC) is hosting the third annual Fuel Cycle Information Exchange (FCIX) from June 17 to June 19, 2008. The exchange is open to the public. FCIX will take place in the Two White Flint North Auditorium from June 17 to June 18, 2008, and in the Commission Hearing Room on June 19, 2008. Both are located at NRC Headquarters, 11555 Rockville Pike, Rockville, MD.

The FCIX allows an opportunity for NRC staff, licensees, and other stakeholders to discuss the regulation of civilian nuclear fuel cycle facilities.

Speakers from the NRC, the Nuclear Energy Institute (NEI), and the International Atomic Energy Agency (IAEA), as well as fuel cycle licensees and stakeholders, will present. There will be an opportunity for discussion on each subject.

Copies of the presentations and a summary of the meeting will be posted at the NRC Web site under Conferences and Symposia at:

<http://www.nrc.gov/public-involve/conferences.html>



Robert C. Pierson

Director

Division of Fuel Cycle Safety and Safeguards

Office of Nuclear Material Safety and Safeguards

U.S. Nuclear Regulatory Commission

# 2008 SCHEDULE

June 17, 2008 Two White Flint North Auditorium

**9:00-9:45am**

## Welcome and Introductions

Robert C. Pierson, Director, Division of Fuel Cycle Safety and Safeguards, Office of Nuclear Material Safety and Safeguards, NRC

Michael F. Weber, Director, Office of Nuclear Material Safety and Safeguards, NRC

**9:45-10:30am**

## Keynote Address:

Dale E. Klein, Chairman, NRC

**10:30-11:00am**

## Expansion of Nuclear Power in the U.S.

Marvin Fertel, Executive Vice President and Chief Nuclear Officer, Nuclear Energy Institute (NEI)

**11:00-11:30am**

## Expansion of World Fuel Cycle Facilities

Steve Kidd, Head, Strategy & Research, World Nuclear Association

**11:30-12:00pm**

## Fuel Cycle Regulatory Program - Meeting the Challenges, Charting the Path Forward

Michael Weber, Director, Office of Nuclear Material Safety and Safeguards, NRC

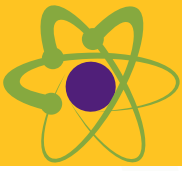
**12:00-1:00pm**

Lunch (on your own)

**1:00-1:30pm**

## Domestic Reprocessing under Global Nuclear Energy Partnerships (GNEP)

Frank von Hippel, Co-Chair, International Panel on Fissile Materials



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**1:30-2:00pm**

## **Enhancing Safety Culture Through Lessons Learned, *Panel***

Tim Lindstrom, Executive Vice President and General Manager, Nuclear Fuel Services (NFS)

TBD, Westinghouse Electric Co. LLC

**2:00-3:00pm**

## **Issues Related to Licensing of New Enrichment Facilities, *Panel***

Brian Smith, Chief, Enrichment and Conversion Branch, Division of Fuel Cycle Safety and Safeguards, Office of Nuclear Material Safety and Safeguards, NRC

Pete Miner, Director, Regulatory and Quality, United States Enrichment Corporation (USEC)

**3:00-3:30pm**

## **Evolution of the Current Part 70 Regulation**

Joseph G. Giitter, Deputy Director, Special Projects and Technical Support Directorate, Division of Fuel Cycle Safety and Safeguards, Office of Nuclear Material Safety and Safeguards, NRC

**3:30-3:45pm**

## **Break**

**3:45-4:30pm**

## **Human Resources Issues**

*Staffing Challenges*, Joe Giitter, Deputy Director, Special Projects and Technical Support Directorate, Division of Fuel Cycle Safety and Safeguards, Office of Nuclear Material Safety and Safeguards, NRC

*NRC's Education Grants Program*, John Gutteridge, Manager, Nuclear Education Program, Office of Human Resources, NRC

**4:30-4:35pm**

## **First Day Summary and Adjournment**

Robert Pierson, Director, Division of Fuel Cycle Safety and Safeguards, Office of Nuclear Material Safety and Safeguards, NRC

## June 18, 2008 Two White Flint North Auditorium

**9:00-9:30am**

### Regulatory/Jurisdictional Challenges Facing the NRC

Tyson Smith, Attorney, Winston & Strawn, LLP

**9:30-10:30am**

### Integrated Safety Analysis (ISA) Lessons Learned, *Panel*

Peter Habighorst, Chief, Fuel Manufacturing Branch, Division of Fuel Cycle Safety and Safeguards, Office of Nuclear Material Safety and Safeguards, NRC

Michael Greeno, Regulatory Affairs Manager, Honeywell International, Inc.

Nancy B. Parr, Manager, Environmental Health & Safety Special Projects, Licensing and Quality, Westinghouse Electric Company, LLC

**10:30-10:45am**

**Break**

**10:45-11:30am**

### Status of Uranium Recovery Regulation, *Panel*

Bill Von Till, Branch Chief, Uranium Recovery Licensing Branch, Office of Federal and State Materials and Environmental Management Programs, NRC

Katie Sweeney, Deputy General Counsel, National Mining Association (NMA)

**11:30-12:00pm**

### DOE-NRC Cooperation Regarding Licensing New Enrichment Facilities

William N. Szymanski, Senior Program Manager, Corporate and Global Partnership Development, Office of Nuclear Energy, Department of Energy (DOE)

**12:00-1:30pm**

**Lunch** (Sponsored by NEI)

Annie Caputo, Professional Staff Member, Committee on Environment and Public Works, U.S. Senate



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**1:30-2:40pm**

## **Nuclear Fuel Recycling: Licensing Discussion, *Panel***

Robert C. Pierson, Director, Division of Fuel Cycle Safety and Safeguards, Office of Nuclear Material Safety and Safeguards, NRC

Dan Stout, Director, Light Water Reactor Spent Fuel Separations, Office of Nuclear Energy, DOE

Earl Saito, Ph.D., Development Manager, Advanced Recycling Center, General Electric Hitachi Nuclear Energy Americas (GEHNEA)

Dorothy Davidson, Ph.D. Vice President, Nuclear Energy Science Programs, AREVA Fuel Services (AFS)

Other Industry GNEP companies invited

**2:40-3:00pm**

## **Hanford Project Status**

Patricia Silva, Acting Chief, Hanford Project Branch, Division of Fuel Cycle Safety and Safeguards, Office of Nuclear Material Safety and Safeguards, NRC

**3:00-3:15pm**

## **Break**

**3:15-3:30pm**

## **Department of Homeland Security (DHS) Chemical Security**

Michael Tschiltz, Deputy Director, Fuel Facility and Licensing Directorate, Division of Fuel Cycle Safety and Safeguards, Office of Nuclear Material Safety and Safeguards, NRC

**3:30-4:00pm**

## **Implementation of Additional Protocol**

Jane Marshall, Chief, Material Control and Accounting Branch, Division of Fuel Cycle Safety and Safeguards, Office of Nuclear Material Safety and Safeguards, NRC

**4:05-4:30pm**

### **Safety and Security of Fuel Cycle Facilities**

Pierre Nocture, IAEA Fuel Cycle Safety Specialist, Division of Nuclear Installation Safety, Department of Nuclear Safety and Security, International Atomic Energy Agency (IAEA)

**4:30-4:35pm**

### **Closing Remarks and Adjournment**

Robert Pierson, Director, Division of Fuel Cycle Safety and Safeguards, Office of Nuclear Material Safety and Safeguards, NRC

## **June 19, 2008 Commission Hearing Room**

**9:00-11:30am**

### **Status of 10 CFR Part 70 Working Groups, Panel**

#### ***Facility Change Process***

Margie Kotzalas, Chief, MOX Branch, Division of Fuel Cycle Safety and Safeguards, Office of Nuclear Material Safety and Safeguards, NRC

Steve Cowne, Director, Quality and Regulatory Affairs, Louisiana Enrichment Services (LES)

#### ***Soluble Uranium Intake,***

Peter Habighorst, Chief, Fuel Manufacturing Branch, Division of Fuel Cycle Safety and Safeguards, Office of Nuclear Material Safety and Safeguards, NRC

John Nagy, Vice President and Chief Nuclear Safety Officer, Nuclear Fuel Services

#### ***Digital Instrumentation and Control (I&C) Task Working Group (TWG) #7***

David Rahn, Senior Electronics Instrumentation and Control Engineer, Technical Support Branch, Division of Fuel Cycle Safety and Safeguards, Office of Nuclear Material Safety and Safeguards, NRC

Felix Killar, Senior Director, NEI

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## Status of 10 CFR Part 70 Working Groups, (cont'd)

### **Reporting Criteria**

Tamara Powell, Nuclear Process Engineer,  
Technical Support Branch, Division of Fuel Cycle  
Safety and Safeguards, Office of Nuclear  
Material Safety and Safeguards, NRC

Robert Link, Manager of Environment, Health,  
Safety, and Licensing, AREVA Enrichment Services

### **Enforcement Policy**

Dennis Morey, Senior Nuclear Process Engineer,  
Technical Support Branch, Division of Fuel Cycle  
Safety and Safeguards, Office of Nuclear  
Material Safety and Safeguards, NRC

Steve Schilthelm, Licensing Advisor,  
Babcock and Wilcox Technical Services Group

**11:30-1:00**

Lunch (on your own)

**1:00-1:45pm**

## Emerging Regulations and Significant Guidance Documents, *Panel*

NRC and Industry Representatives

### **Decommissioning Rule and Groundwater Monitoring**

George Oliver, Senior Project Manager, NEI

James Shepherd, Project Engineer, Decommissioning and  
Uranium Recovery Licensing Directorate, Division of Waste  
Management and Environmental Protection, Office of  
Federal and State Materials and Environmental Management  
Programs, NRC

**1:45-2:00pm**

Break

**2:00-4:30pm**

## Discussing NMSS-FCSS Safety Culture Pilot Initiative—Phase 1

Amy Snyder, Senior Project Manager, Fuel  
Manufacturing Branch, Division of Fuel Cycle Safety  
and Safeguards, Office of Nuclear Material Safety  
and Safeguards, NRC



## Guest Speakers

1. Amy Snyder, Senior Project Manager, Fuel Manufacturing Branch, Division of Fuel Cycle Safety and Safeguards, Office of Nuclear Material Safety and Safeguards, NRC
2. Annie Caputo, Professional Staff Member, Committee on Environment and Public Works, U.S. Senate
3. Bill Von Till, Branch Chief, Uranium Recovery Licensing Branch, Office of Federal and State Materials and Environmental Management Programs, NRC
4. Brian Smith, Chief, Enrichment and Conversion Branch, Division of Fuel Cycle Safety and Safeguards, Division of Fuel Cycle Safety and Safeguards, Office of Nuclear Material Safety and Safeguards, NRC
5. Dale E. Klein, Chairman, NRC
6. Dan Stout, Director, Light Water Reactor Spent Fuel Separations, Office of Nuclear Energy, DOE
7. David Rahn, Senior Electronics Instrumentation and Control Engineer, Technical Support Branch, Division of Fuel Cycle Safety and Safeguards, Office of Nuclear Material Safety and Safeguards, NRC
8. Dennis Morey, Senior Nuclear Process Engineer, Technical Support Branch, Division of Fuel Cycle Safety and Safeguards, Office of Nuclear Material Safety and Safeguards, NRC
9. Dorothy Davidson, Ph.D., Vice President Nuclear Energy & Science Programs, AFS
10. Earl Saito, Ph.D., Advanced Recycling Center, Development Manager, GEHNEA
11. Felix Killar, Senior Director, NEI
12. Frank von Hippel, Co-Chair, International Panel on Fissile Materials
13. George Oliver, Senior Project Manager, NEI
14. James Shepherd, Project Engineer, Decommissioning and Uranium Recovery Licensing Directorate, Division of Waste Management and Environmental Protection, Office of Federal and State Materials and Environmental Management Programs, NRC
15. Jane Marshall, Chief, Material Control and Accounting Branch, Division of Fuel Cycle Safety and Safeguards, Office of Nuclear Material Safety and Safeguards, NRC



## Guest Speakers, cont'd.

16. John Gutteridge, Manager, Nuclear Education Program, Office of Human Resources, NRC
17. John W. Nagy, Vice President and Chief Nuclear Safety Officer, NFS
18. Joseph G. Giitter, Deputy Director, Special Projects and Technical Support Directorate, Division of Fuel Cycle Safety and Safeguards, Office of Nuclear Material Safety and Safeguards, NRC
19. Katie Sweeney, Deputy General Counsel, NMA
20. Margie Kotzalas, Chief, MOX Branch, Division of Fuel Cycle Safety and Safeguards, Office of Nuclear Material Safety and Safeguards, NRC
21. Marvin Fertel, Executive Vice President and Chief Nuclear Officer, NEI
22. Michael F. Weber, Director, Office of Nuclear Material Safety and Safeguards, NRC
23. Michael Greeno, Regulatory Affairs Manager, Honeywell International, Inc.
24. Michael Tschiltz, Deputy Director, Fuel Facility and Licensing Directorate, Division of Fuel Cycle Safety and Safeguards, Office of Nuclear Material Safety and Safeguards, NRC
25. Nancy B. Parr, Manager, Environmental Health & Safety Special Projects, Licensing and Quality, Westinghouse Electric Company, LLC
26. Patricia Silva, Acting Chief, Hanford Project Group, Division of Fuel Cycle Safety and Safeguards, Office of Nuclear Material Safety and Safeguards, NRC
27. Pete Miner, Director, Regulatory and Quality Assurance, USEC
28. Peter Habighorst, Chief, Fuel Manufacturing Branch, Division of Fuel Cycle Safety and Safeguards, Office of Nuclear Material Safety and Safeguards, NRC
29. Pierre Nocture, Fuel Cycle Safety Specialist, Division of Nuclear Installation Safety, Department of Nuclear Safety and Security, IAEA
30. Robert C. Pierson, Director, Division of Fuel Cycle Safety and Safeguards, Office of Nuclear Material Safety and Safeguards, NRC
31. Robert Link, Manager of Environment, Health, Safety, and Licensing, AREVA Richland Washington

## Guest Speakers, cont'd.

32. Steve Cowne, Director, Quality and Regulatory Affairs, LES
33. Steve Kidd, Head, Strategy & Research, World Nuclear Association
34. Steve Schilthelm, Licensing Advisor, Babcock and Wilcox Technical Services Group
35. Tamara Powell, Nuclear Process Engineer, Technical Support Branch, Division of Fuel Cycle Safety and Safeguards, Office of Nuclear Material Safety and Safeguards, NRC
36. Tim Lindstrom, Executive Vice President and General Manager, NFS
37. Tyson Smith, Attorney, Winston & Strawn, LLP
38. William Szymanski, Senior Program Manager, Corporate and Global Partnership Development, Office of Nuclear Energy, DOE



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 **U.S. NRC**  
United States Nuclear Regulatory Commission  
*Protecting People and the Environment*



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