10/17/2016

Final Agenda
Interagency Steering Committee on Performance and Risk Assessment Community of Practice (P&RA CoP) Annual Technical Exchange Meeting

October 19 and 20, 2016
20300 Century Blvd., Room 3100, Germantown, MD 20874

Theme: **Risk-Informed Decisions Using Probabilistic Risk Assessments with an Understanding of the Behavior of Certain Key Risk-Driving Radionuclides**

OCTOBER 19, 2016 (WEDNESDAY)

7:30 – 8:00 am	Registration
8:00 – 8:30 am	DOE Management Remarks, Mr. Robert Seifert (DOE EM)
8:30 – 8:45 am	P&RA CoP Status Updates, Dr. Ming Zhu (DOE EM)

Keynote Presentation:

8:45 - 9:45 am	Risk Informing Regulations in an Uncertain World, Mr. Timothy McCartin (NRC)
9:45 – 10:00 am	Break

Session 1: EPA and NRC Definitions, Policies, and Approaches for PRAs

10:00 am – 10:45 am	The Use of Probabilistic Risk Assessment in Superfund, Dr. Alicia Frame (EPA)
10:45 am – 11:30 pm	From Policy to Performance: NRC Risk Policy for Waste Management, Mr. Chris McKenney (NRC)
11:30 pm – 12:00 pm	Panel Discussion, Mr. Timothy McCartin (NRC), Dr. Alicia Frame (EPA), and Mr. Chris McKenney (NRC)
12:00 – 1:00 pm	Lunch

Session 2: **International Experience, DOE EM Projects, and Regulators' Perspectives**

1:00 – 1:45 pm	Recent Experience from the Review of a License Application for Construction of a Repository for Spent Nuclear Fuel at the Forsmark Site in Sweden, Dr. Bo Strömberg (SSM)
1:45 – 2:30 pm	Hanford Site Waste Management Area C Performance Assessment, Mr. Marcel Bergeron (WRPS) and Drs. Matthew Kozak & Alaa Aly (INTERA)

2:30 – 2:45 pm	LFRG Review of Waste Management Area C Performance Assessment, Ms. Sherri Ross (DOE SRS)
2:45 – 3:00 pm	Break
3:00 – 3:45 pm	PRA in Support of Options Analysis for Long-term Waste Disposition, Dr. Paul Black (Neptune)
3:45 – 4:30 pm	Modernization of WIPP PA, Mr. Heeho Park (SNL)
4:30 – 5:15 pm	Panel Discussion: Regulators' Perspectives on the Use of PRA, Dr. Bo Strömberg (SSM), Ms. Cheryl Whalen & Dr. Dib Goswami (Washington Ecology), Dr. Edward Winner (Kentucky DEP), Mr. Jon Richards (EPA Region IV), and Ms. Kathy Economy (EPA)

OCTOBER 20, 2016 (THURSDAY)

Session 3: **Releases and Transport of Certain Risk-Driving Radionuclides**

8:00 -8:45 am	Evaluation and Interpretation of Properties for Emplaced Saltstone, Dr. Steven Simner (SRR)
8:45 – 9:30 am	Evaluating ^{99}Tc Release from Intact Saltstone Monoliths, Dr. John Seaman (Savannah River Ecology Laboratory – Univ. of Georgia)
9:30 -9:45 am	Break
9:45 – 10:30 am	Radon Flux through Weathered Covers, Dr. Craig Benson (Univ. of Virginia/CRESP)
10:30 am – 11 am	Panel Discussion, Dr. Steven Simner (SRR), Dr. John Seaman (Univ. of Georgia), and Dr. Craig Benson (Univ. of Virginia)

Session 4: **Software Qualification Requirements**

11:00 – 11:45 am	Best Practices/Lessons Learned from Software Qualification and Model Verification, Dr. Greg Flach (SRNL)
11:45 – 1 pm	Lunch

Session 4: **Software Qualification Requirements (ctd)**

1:00 – 1:45 pm	NRC Technical Review of the QA Documentation for the CBP Toolbox, Dr. George Alexander (NRC)
1:45 – 2:30 pm	Panel Discussion, Dr. Greg Flach (SRNL), Dr. George Alexander (NRC), and Dr. Kevin Brown (Vanderbilt Univ./CRESP)
2:30 – 2:45 pm	Break

Session 5: **Other Program Updates and Open Discussion**

2:45– 3:30 pm	Application of ASCEM to SRS F Area Seepage Study, Ms. Carol Eddy-Dilek (SRNL) & Dr. Haruko Wainwright (LBNL, Invited)
3:30– 4:15 pm	Evaluating Wasteform Leaching and Performance, Dr. Kevin Brown (Vanderbilt Univ./CRESP)
4:15 – 5:00 pm	Discussions, All Participants
5:00 – 5:15 pm	Acknowledgements and Closing Remarks, Mr. Robert Seifert & Dr. Ming Zhu (DOE EM)