

***Draft 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 – 8:15 am            DOE Management Remarks, Mr. Frank Marcinowski (DOE EM, Invited)

8:15 – 8:30 am            P&RA CoP Status Updates, Dr. Ming Zhu (DOE EM)

**Keynote Presentations:**

8:30 – 9:15 am            DOE EM Regulatory Compliance and Stakeholder Engagement Programs, Mr. Robert Seifert (DOE EM)

9:15 - 10:15 am            Overview of Probabilistic Risk Assessments, Mr. Timothy McCartin (NRC)

10:15 – 10:30 am        Break

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

10:30 am – 11:15 am    The Use of Probabilistic Risk Assessment in Superfund, Dr. Alicia Frame (EPA)

11:15 am – 12:00 pm    From Policy to Performance: NRC Risk Policy for Waste Management, Mr. Chris McKenney (NRC)

12:00 pm – 12:30 pm    Discussion, Mr. Tim McCartin (NRC), Dr. Alicia Frame (EPA), and Mr. Chris McKenney (NRC)

12:30 – 1:30 pm            Lunch

**Session 2: DOE EM Projects and Regulators' Perspectives**

1:30 – 2:15 pm            Hanford Site Waste Management Area C Performance Assessment, Drs. Alaa Aly & Matt Kozak (INTERA)

2:15 – 2:30 pm            LFRG Review of Waste Management Area C Performance Assessment, Ms. Sherri Ross (DOE SRS)

2:30 – 3:15 pm            PRA in Support of Options Analysis for Long-term Waste Disposition, Dr. Paul Black (Neptune)

3:15 – 3:30 pm	Break
3:30 – 4:15 pm	PRA in Support of Recertification of the Waste Isolation Pilot Plant, TBD (SNL)
4:15 – 5:00 pm	Regulators' Perspectives on the Use of PRA, Ms. Cheryl Whalen & Dr. Dib Goswami (Washington Ecology), Mr. Ed Winner (Commonwealth of Kentucky, Invited), and Mr. Rob Pope (EPA Region IV, Invited)

## **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 <sup>99</sup> Tc Release from Intact Saltstone Monoliths, Dr. John Seaman (Savannah River Ecology Laboratory – Univ. of Georgia)
9:30 – 10:15 am	Radionuclide Release from Slag and Concrete Waste Materials, Dr. William Ebert (ANL)
10:15 -10:30 am	Break
10:30 – 11:15 am	Radon Flux through Weathered Covers, Dr. Craig Benson (Univ. of Virginia)
11:15 am – 12 pm	Discussion, Dr. Steven Simner (SRR), Dr. John Seaman (Univ. of Georgia), and Dr. Craig Benson (Univ. of Virginia)
12 – 1 pm	Lunch

### **Session 4: Software Qualification Requirements**

1:00 – 1:45 pm	Best Practices/Lessons Learned from Software Qualification and Model Verification, Dr. Greg Flach (SRNL)
1:45 – 2:30 pm	NRC Technical Review of the QA Documentation for the CBP Toolbox, Mr. George Alexander (NRC)
2:30 – 3:15 pm	Discussion, Dr. Greg Flach (SRNL), Mr. George Alexander (NRC), and TBD
3:15 – 3:30 pm	Break

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

3:30– 4:15 pm	Application of ASCEM to SRS F Area Seepage Study, Ms. Carol Eddy-Dilek (SRNL) & Dr. Haruko Wainwright (LBNL, Invited)
4:15 – 5:30 pm	Discussions, All Participants