

2009 HPS Professional Development School

Minneapolis, MN

Time	Topic	Faculty
July 16 PM: Fundamental Science of NORM and TENORM		
1:00-1:30	Welcome to course and administrative details	Vetter and Karam
1:30-3:00	The Geologic Origins and Environmental Behavior of NORM Nuclides	Masoud Beitollahi
3:00-3:30	Break	
3:30-5:00	Uranium Recovery Operations	Janet Johnson et al.
Night-Out with Dinner		
July 17 AM: Industry-Specific Information on NORM and TENORM		
7:00-7:45	Breakfast	
8:00-10:00	NORM and TENORM in Non-Uranium Industries	Ian Hamilton
10:00-10:30	Break	
10:30-12:00	Properties of Natural Radiation and Radioactivity	Dan Strom
12:00-1:00	Lunch	
July 17 PM: NORM/TENORM Radiation Safety Practices		
1:00-3:00	NORM/TENORM characteristics, Surveys and Instrumentation	Phil Egidi
3:00-3:30	Break	
3:30-5:00	"Incidental" NORM – Countertops, Radon, Tobacco, etc.	Ray Johnson
July 18 AM: Other Considerations When Working with NORM/TENORM		
7:00-7:45	Breakfast	
8:00-9:30	Communications Issues on NORM/TENORM Some Case Studies Involving NORM /TENORM	Ray Johnson
9:30-10:00	Break	
10:00-11:30	NORM Impact on Interdiction at Borders	Richard Kouzes
11:30-1:00	Lunch	
July 18 PM: The Regulatory Framework for NORM and TENORM		
1:00-2:30	Federal Laws and Regulations on Control of Exposure to NARM	David Kocher
2:30-3:30	Suggested State Regulations (CRCPD SSR CR Part N)	Steve Collins
3:30-4:00	Break	
4:00-5:30	Radiation Management Programs and Transportation of NORM/TENORM	Phil Egidi
July 19 AM: NORM/TENORM Litigation		
7:00-7:45	Breakfast	
8:00-9:30	Legal Aspects of TENORM Regulations	Charlie Simmons
9:30-10:00	Break	
10:00-11:30	Expert Testimony in Litigation Involving NORM and TENORM	Lynn McKay and Ralph Johnson
11:30-12:00	Summary and Wrap-up	Vetter and Karam