

RESRAD Virtual Training Course Agenda March 14-25, 2022

(Covering RESRAD-ONSITE, -OFFSITE, -BUILD)

Preliminary Agenda – Subject to Change

Day 1 (March 14)		
<i>Chicago Time</i>	<i>RESRAD-ONSITE</i>	<i>UTC, GMT</i>
8:00 – 8:55	Introduction and Overview	13:00 – 13:55
9:05 – 9:55	RESRAD–ONSITE Input Demonstration	14:05 – 14:55
10:05 – 10:55	RESRAD–ONSITE Output Demonstration	15:05 – 15:55
11:05 – 12:00	Hands–on Walkthrough – RESRAD Case (Assumptions, Scenarios)	16:05 – 17:00
Day 2 (March 15)		
8:00 – 8:55	RESRAD–ONSITE Methodology (1)	13:00 – 13:55
9:05 – 9:55	Hands–on Walkthrough – Cover Effect on Pathways	14:05 – 14:55
10:05 – 10:55	RESRAD–ONSITE Methodology (2)	15:05 – 15:55
11:05 – 12:00	Analysis Tools and Nuclide Factors	16:05 – 17:00
Day 3 (March 16)		
8:00 – 8:55	Putting it All Together	13:00 – 13:55
9:05 – 9:55	Hands–on Walkthrough	14:05 – 14:55
10:05 – 10:55	Special Radionuclides C–14, H–3, and Radon	15:05 – 15:55
11:05 – 12:00	Hands–on Problem / Verification and Validation	16:05 – 17:00

RESRAD Virtual Training Course Agenda

Day 4 (March 17)		
Chicago Time	<i>RESRAD-OFFSITE</i>	UTC, GMT
8:00 – 8:55	Overview of RESRAD-OFFSITE	13:00 – 13:55
9:05 – 9:55	Demonstration of RESRAD-OFFSITE	14:05 – 14:55
10:05 – 10:55		15:05 – 15:55
11:05 – 12:00		16:05 – 17:00
Day 5 (March 18)		
8:00 – 8:55	Atmospheric Transport	13:00 – 13:55
9:05 – 9:55		14:05 – 14:55
10:05 – 10:55	Groundwater Transport	15:05 – 15:55
11:05 – 12:00		16:05 – 17:00
Day 6 (March 21)		
8:00 – 8:55	Accumulation in Soil and Surface Water Body	13:00 – 13:55
9:05 – 9:55		14:05 – 14:55
10:05 – 10:55	Release Options	15:05 – 15:55
11:05 – 12:00		16:05 – 17:00
Day 7 (March 22)		
8:00 – 8:55	Deterministic Analysis of Offsite Resident Scenario	13:00 – 13:55
9:05 – 9:55		14:05 – 14:55
10:05 – 10:55	Sensitivity Analysis of Offsite Resident Scenario	15:05 – 15:55
11:05 – 12:00	Modeling Onsite Scenarios: Simulating RESRAD-ONSITE	16:05 – 17:00

RESRAD Virtual Training Course Agenda

Day 8 (March 23)		
Chicago Time	<i>RESRAD-BUILD</i>	UTC, GMT
8:00 – 8:55	Introduction and Demo Input	13:00 – 13:55
9:05 – 9:55	Demo Output	14:05 – 14:55
10:05 – 10:55	Hands-on	15:05 – 15:55
11:05 – 12:00	Methodology	16:05 – 17:00
Day 9 (March 24)		
8:00 – 8:55	Advanced Case	13:00 – 13:55
9:05 – 9:55	Hands-on and Review	14:05 – 14:55
10:05 – 10:55	Advanced Case with Intermittent Decon	15:05 – 15:55
11:05 – 12:00	Transient Model and New Features	16:05 – 17:00
Day 10 (March 25)		
8:00 – 8:55	Dose Versus Risk Based Cleanup Guidelines	13:00 – 13:55
9:05 – 9:55	Probabilistic Analysis	14:05 – 14:55
10:05 – 10:55	Hands-on	15:05 – 15:55
11:05 – 12:00	Q and A / Course Evaluation	16:05 – 17:00