RESRAD Training Course Agenda
September 26-30, 2022

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

Preliminary Agenda – Subject to Change

Day 1 (September 26)	
Time	***RESRAD-ONSITE***
8:45 – 9:00	Registration
9:00 – 9:45	Introduction and Overview
9:45 – 10:30	RESRAD–ONSITE Input Demonstration
10:30 – 10:40	Break
10:40 – 11:20	RESRAD–ONSITE Output Demonstration
11:20 – 12:00	Hands–on Walkthrough – RESRAD Case (Assumptions, Scenarios)
12:00 – 1:00	Lunch
1:00 – 1:55	RESRAD–ONSITE Methodology (1)
1:55 – 2:45	Hands–on Walkthrough – Cover Effect on Pathways
2:45 – 3:00	Break
3:00 – 3:50	RESRAD–ONSITE Methodology (2)
3:50 – 4:45	Analysis Tools and Nuclide Factors
Day 2 (September 27)	
8:30 – 9:20	Putting it All Together
9:20 – 10:10	Hands–on Walkthrough
10:10 – 10:20	Break
10:20 – 11:10	Special Radionuclides C–14, H–3, and Radon
11:10 – 12:00	Hands–on Problem / Verification and Validation
12:00 – 1:00	Lunch

RESRAD Training Course Agenda

Day 2 (continued)	
Time	***RESRAD-OFFSITE***
1:00 – 1:55	Overview of RESRAD-OFFSITE
1:55 – 2:45	Demonstration of RESRAD-OFFSITE
2:45 – 3:00	Break
3:00 – 4:45	Demonstration of RESRAD-OFFSITE (continued)
Day 3 (September 28)	
8:30 – 10:10	Atmospheric Transport
10:10 – 10:20	Break
10:20 – 12:00	Groundwater Transport
12:00 – 1:00	Lunch
1:00 – 2:45	Accumulation in Soil and Surface Water Body
2:45 – 3:00	Break
3:00 – 4:45	Release Options
Day 4 (September 29)	
8:30 – 10:10	Deterministic Analysis of Offsite Resident Scenario
10:10 – 10:20	Break
10:20 – 11:10	Sensitivity Analysis of Offsite Resident Scenario
11:10 – 12:00	Modeling Onsite Scenarios: Simulating RESRAD-ONSITE
12:00 – 1:00	Lunch

RESRAD Training Course Agenda

Day 4 (continued)	
Time	***RESRAD-BUILD***
1:00 – 1:55	Introduction and Demo Input
1:55 – 2:45	Demo Output
2:45 – 3:00	Break
3:00 – 3:50	Hands-on
3:50 – 4:45	Methodology
Day 5 (September 30)	
8:30 – 9:20	Advanced Case
9:20 – 10:10	Hands-on and Review
10:10 – 10:20	Break
10:20 – 11:10	Advanced Case with Intermittent Decon
11:10 –12:00	Transient Model and New Features
12:00 – 1:00	Lunch
1:00 – 1:55	Dose Versus Risk Based Cleanup Guidelines
1:55 – 2:45	Probabilistic Analysis
2:45 – 3:00	Break
3:00 – 3:50	Hands-on
3:50 – 4:45	Q and A / Course Evaluation