

Introduction to RESRAD Codes

October 19 – 23, 2026

Preliminary Agenda – Subject to Change

Day 0 (October 16)		
UTC		Chicago Time
By appointment 13:30 – 22:00	Address issues with installing codes	By appointment 8:30 – 17:00

Day 1 RESRAD-ONSITE (October 19)		
13:30 – 14:20	Introduction and Overview	8:30 – 9:20
14:30 – 15:20	Input Demonstration	9:30 – 10:20
15:30 – 16:20	Output & Interpretation Demonstration	10:30 – 11:20
16:45 – 17:35	Hands-on Walkthrough – Scenarios	11:45 – 12:35
18:00 – 18:50	RESRAD-ONSITE Methodology	1:00 – 1:50
19:10 – 20:00	Putting it All Together	2:10 – 3:00
20:10 – 21:00	Hands-on Walkthrough-Uranium	3:10 – 4:00
21:10 – 22:00	Tools & Review	4:10 – 5:00

Day 2 RESRAD-OFFSITE (October 20)		
13:30 – 14:20	Overview of RESRAD-OFFSITE and the demonstration	8:30 – 9:20
14:30 – 15:20	Hands-on Demonstration of RESRAD-OFFSITE	9:30 – 10:20
15:30 – 16:20	Hands-on Demonstration of RESRAD-OFFSITE	10:30 – 11:20
16:45 – 17:35	Hands-on Demonstration of RESRAD-OFFSITE	11:45 – 12:35
18:00 – 18:50	Releases from Contamination & Atmospheric transport	1:00 – 1:50
19:10 – 20:00	Groundwater transport, Accumulation, Exposure	2:10 – 3:00
20:10 – 21:00	Hands-on Offsite Resident Scenario	3:10 – 4:00
21:10 – 22:00	Discussion of Offsite Resident Scenario	4:10 – 5:00

Day 3 RESRAD-BUILD (October 21)		
UTC		Chicago Time
13:30 – 14:20	Overview & Hands-on Demonstration	8:30 – 9:20
14:30 – 15:20	Additional Options	9:30 – 10:20
15:30 – 16:20	Methodology	10:30 – 11:20
16:45 – 17:35	Hands-on Walkthrough – Volume Source	11:45 – 12:35
18:00 – 18:50	Advanced Features	1:00 – 1:50
19:10 – 20:00	Practical Considerations	2:10 – 3:00
20:10 – 21:00	Dose vs Risk Consideration	3:10 – 4:00
21:10 – 22:00	Deriving Clean-up Criteria / Review	4:10 – 5:00

Day 4 RESRAD-BIOTA (October 22)		
13:30 – 13:45	Overview	8:30 – 8:45
13:45 – 14:20	Hands-on Demonstration	8:45 – 9:20
14:30 – 15:20	Methodology	9:30 – 10:20
15:30 – 16:20	Screening and Site-specific with Sensitivity Analysis	10:30 – 11:20
16:45 – 17:35	Organism Factors	11:45 – 12:35
18:00 – 18:50	Case Study I	1:00 – 1:50
19:10 – 19:20	Wildlife Transfer Factors	2:10 – 2:20
19:20 – 20:00	Case Study II	2:20 – 3:00
20:10 – 21:00	Food Chain/Web Model	3:10 – 4:00
21:10 – 22:00	Review	4:10 – 5:00

Day 5 RESRAD-RDD&IND (October 23)		
13:30 – 13:45	Overview	8:30 – 8:45
13:45 – 14:30	Hands-on Demonstration	8:45 – 9:30
14:40 – 15:30	Group A – Access Control	9:40 – 10:30
15:40 – 16:30	Methodology for Groups B-E	10:40 – 11:30
17:00 – 17:20	Group B – Early Phase Protective Action	12:00 – 12:20
17:20 – 17:50	Group C – Relocation and Critical Infrastructure Utilization	12:20 – 12:50
18:20 – 18:50	Groups D – Temporary Access to Relocation Areas	1:20 – 1:50
18:50 – 19:20	Group E – Transportation and Access Routes	1:50 – 2:20
19:30 – 19:50	Group F – Release of Real Property	2:30 – 2:50
19:50 – 20:30	Group G – Food Consumption	2:50 – 3:30
20:40 – 21:00	Group H – Water Consumption	3:40 – 4:00
21:10 – 22:00	Review	4:10 – 5:00