



2023 TENTATIVE NUCLEAR CRITICALITY SAFETY SHORT COURSE

SCHEDULE

MONDAY, JULY 17, 2023

8:15	8:55 AM	Welcome, Introductions
8:55	9:35 AM	Fundamentals
9:35	9:45 AM	BREAK
9:45	10:25 AM	Neutronics
10:25	10:35 AM	BREAK
10:35	11:00 AM	Crit Parameters
11:00	11:10 AM	BREAK
11:10	11:55 AM	Kinetics
11:55	12:45 PM	LUNCH
12:45	1:30 PM	LASL Accidents
1:30	1:40 PM	BREAK
1:40	2:20 PM	CSE's
2:20	2:40 PM	ProcEval Wkshp-I (prob def) & BREAK
2:40	3:20 PM	Limits and Controls
3:20	3:30 PM	BREAK
3:30	5:00 PM	Subcritical Limits & Workshop

TUESDAY, JULY 18, 2023

8:15	9:20 AM	Implementation of Limits and Controls
9:20	10:00 AM	ProcEval Wkshp-II (params & limits) & BREAK
10:00	10:35 AM	Process Change
10:35	11:10 AM	ProcEval Wkshp-III (contingencies) & BREAK
11:10	12:00 AM	Double Contingency
12:00	12:50 PM	LUNCH
12: 50	1:50 PM	Administrative Practices
1:50	2:00 PM	BREAK
2:00	2:45 PM	Process Accidents I (Y-12, LASL)
2:45	3:15 PM	Crit Safety & Ops
3:15	3:45 PM	ProcEval Wkshp-IV (controls) & BREAK
3:45	4:30 PM	Process Accidents II (Hanford, Wood River)
4:30	4:55 PM	References

WEDNESDAY, JULY 19, 2023

8:15	9:25 AM	Russian Accidents
9:25	9:35 AM	BREAK
9:35	9:50 AM	Solvent Extraction
9:50	10:15 AM	ICPP 3 Accident
10:15	10:50 AM	ProcEval Wkshp-V (controls) & BREAK
10:50	11:40 AM	Windscale & Pu Evap
11:40	12:00 AM	Defense in Depth Example
12:00	12:50 PM	LUNCH
12:50	1:35 PM	Postings
1:35	2:15 PM	Postings Workshop & BREAK
2:15	2:55 PM	Wilmington
2:55	3:50 PM	Postings Presentations
3:50	4:20 PM	Tokaimura
4:20	8:40 PM	DINNER (provided)

THURSDAY, JULY 20, 2023

8:15	8:55 AM	Crit Alarms
8:55	9:05 AM	BREAK
9:05	9:45 AM	Computer Codes & Pitfalls in Calculations
9:45	9:55 AM	BREAK
9:55	11:05 AM	Evaluations & ANS Standards
11:05	11:15 AM	BREAK
11:15	11:55 AM	ProcEval Wkshp-VI (presentations)
11:55	12:40 PM	LUNCH
12:40	1:20 PM	ProcEval Wkshp-VI (presentations)
1:20	1:30 PM	BREAK
1:30	2:30 PM	Arrays
2:30	2:40 PM	BREAK
2:40	3:15 PM	Procedures
3:15	3:55 PM	Emergency Planning
3:55	4:35 PM	E-Planning Exercise
4:35	4:40 PM	Assignment of Lesson Learned Groups
4:50	6:00	SHOPPING OPPORTUNITY
7:05		

FRIDAY, JULY 21, 2023

8:15	9:00 AM	Lessons Learned Workshop
9:00	9:15 AM	Class Picture
9:15	10:05 AM	Discussion of Workshop
10:05	10:15 AM	BREAK
10:15	11:05 AM	Discussion of Workshop
11:05	11:10 AM	BREAK
11:10	11:35 AM	CSE Example
11:35	11: 50 AM	Crit Safety Summary
11:50	11:55 AM	Evaluations
11:55	12:40 PM	LUNCH

