SCALE TRITON/NEWT Training Course
Oak Ridge National Laboratory

Tuesday

8:00 am	Overview of SCALE and TRITON/NEWT
8:30 a.m.	Overview of SCALE and the Material Information Processor (MIPLIB)
9:30 a.m.	NEWT - Theory & Capabilities
10:00 a.m.	Break
10:15 a.m.	Basic NEWT Input and Examples
11:30 a.m.	Introduction to TRITON
12:00 p.m.	Lunch
12:45 p.m.	Problem Session 1 - Transport Calculations Using NEWT
5:00 p.m.	Conclusion

Wednesday

8:00 a.m.	Review of Problem Session 1
8:20 a.m.	Coarse-Mesh Finite Difference Acceleration
8:45 a.m.	Advanced NEWT Input
10:00 a.m.	Break
10:15 a.m.	t-depl - The TRITON Depletion Sequence
12:00 p.m.	Lunch
12:45 p.m.	Problem Session 2 - Transport and Depletion Calculations
5:00 p.m.	Conclusion

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Thursday

8:00 a.m.	Review of Problem Session 2
8:30 a.m.	Advanced Features of the t-depl Sequence
10:00 a.m.	Break
10:15 a.m.	Other Features/Capabilities of TRITON
11:15 a.m.	Creation of ARP Libraries Using TRITON
12:00 p.m.	Lunch
12:45 p.m.	Problem Session 3 - Lattice Calculations Using t-depl
5:00 p.m.	Conclusion

Friday

8:00 a.m.	Review of Problem Session 3
8:30 a.m.	OPUS Post-processing
9:00 a.m.	3-D Depletion using KENO within TRITON
9:15 a.m.	GeeWiz Graphical User Interface Demo
10:00 a.m.	Break
10:15 a.m.	Interchanging NEWT and KENO-VI Models
11:30 a.m.	Wrap up and Course Evaluations
12:00 p.m.	Conclusion