



# Fall 2022 Users Group Meeting

## SNAP/RADTRAD User Workshop

NOVEMBER 1-3, 2022

### HIGHLIGHTS:

- The SNAP/RADTRAD User Group Meeting is directed towards users with some dose analysis experience who desire to learn how to use SNAP/RADTRAD.
- Focus will be on the use of SNAP/RADTRAD for dose analysis. It is intended to be a hands-on class.

TIME	TOPIC	PRESENTER
<b>Day 1</b>		
8:30 AM-8:50 AM	<b>Meet &amp; Greet</b> ( <i>In-Person Participants</i> )	
8:50 AM-9:00 AM	<b>Welcome</b>	<b>John Tomon</b>
9:00 AM-12:00 PM	<b>Use of SNAP/RADTRAD for Dose Analysis</b>	<b>Lance Larsen &amp; Collin Leavitt-ISL</b>
	SNAP/RADTRAD Overview	
	Using Model Editor with SNAP/RADTRAD <i>Premade model Test23</i>	
	Break	
	Output File Description	
	Plotting with AptPlot	
	Example 1: Simple Fuel Handling Accident	
1:30 PM-4:00 PM	<b>Use of SNAP/RADTRAD for Dose Analysis</b> ( <i>Continued</i> )	<b>Lance Larsen &amp; Collin Leavitt-ISL</b>
	Governing Equations	
	Exercise 2: FHA + Control Room	
	Break	
	Source Term Models	
	Exercise 3: Rod Ejection Accident	

<b>TIME</b>	<b>TOPIC</b>	<b>PRESENTER</b>
<b>Day 2</b>		
<b>9:00 AM-12:00 PM</b>	<b>Use of SNAP/RADTRAD for Dose Analysis</b>	<b>Lance Larsen &amp; Collin Leavitt-ISL</b>
	Release Mechanism Models	
	RCS Activity Calculator	
	Break	
	Exercise 4 - Steam Generator Tube Rupture	
	Compartment Removal Models	
<b>1:30 PM-4:00 PM</b>	<b>Use of SNAP/RADTRAD for Dose Analysis (Continued)</b>	<b>Lance Larsen &amp; Collin Leavitt-ISL</b>
	SNAP/RADTRAD Flow Pathway Removal Models	
	SNAP/RADTRAD Dose Conversion Factors/Dose Models	
	Break	
	Exercise 5 – Loss of Coolant Accident	
<b>Day 3</b>		
<b>9:00 AM-12:00 PM</b>	<b>User Meeting Discussions</b>	
9:00 AM-9:05 AM	Welcome	Ed Harvey
9:10 AM-10:00 AM	Origin of Accident Source Terms used in SNAP/RADTRAD for Light Water Reactors	Mike Salay
10:00 AM-10:10 AM	Break	
10:10 AM-10:50 AM	Regulatory Considerations of Non-LWR Source Term	Michelle Hart
10:50 AM-11:30 AM	Open Discussions	John Tomon
11:30 AM	Tour of Incident Response Center ( <i>In-Person</i> )	