

# Cool Tools for Decommissioning Funding Plans

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Division of Environmental Health  
Office of Radiation Protection



**PUBLIC HEALTH**  
ALWAYS WORKING FOR A SAFER AND  
HEALTHIER WASHINGTON

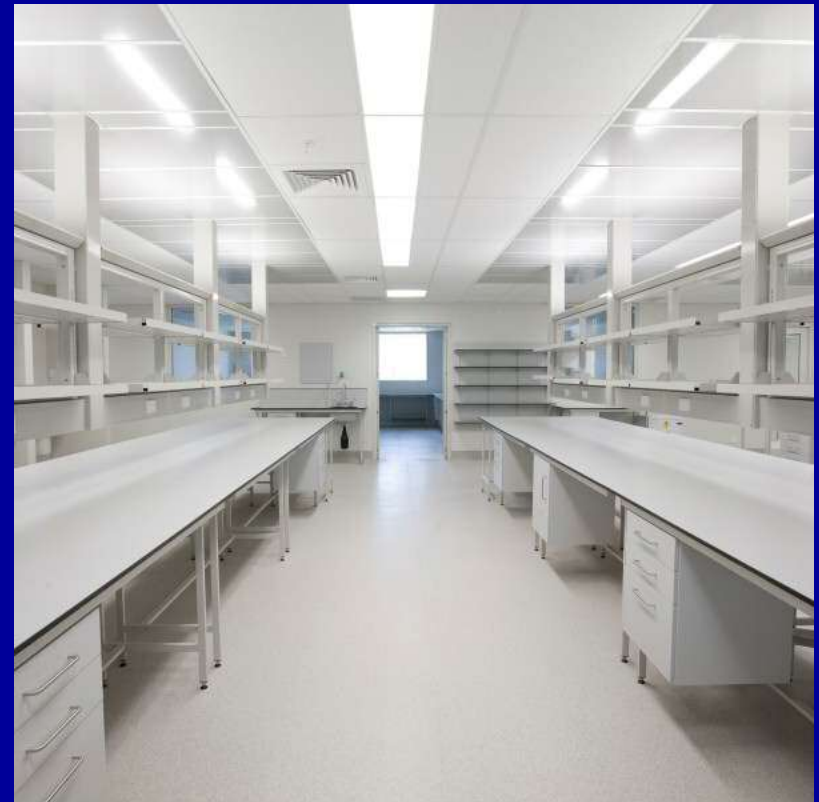
# Decommissioning Guidance

- NUREG 1757  
4 Volumes
- MARSSIM
- Guidance is designed for larger nuclear facilities
- Time Consuming



# Small RAM Use Facilities

- Laboratories
- Academic facilities
- Small manufacturers





# Tools - Help for Licensees

- Decommissioning Funding Plan Template
- Decommissioning Cost Estimate Calculator



Grand Total		DECOMMISSIONING FUNDING PLAN COST ESTIMATE		Page 1 Version 1.0
		License Name:	0	
		License Number:	0	
		Date Completed:	February 12, 2008	
		<b>TOTAL COST OF DECOMMISSIONING</b>	<b>Total Cost of Decommissioning</b>	
		Total Planning and Preparation Labor Costs	\$0.00	
		Total Radiation Survey Labor Costs	\$0.00	
		Total Sampling Labor Costs	\$0.00	
		Total Decommissioning, Dismantling, and Decommissioning Labor Costs	\$0.00	
		Total Equipment and Supply Costs	\$0.00	
		Total Analytical Laboratory Costs	\$0.00	
		Total Waste Management Costs	\$0.00	
		• Waste Management Labor	\$0.00	
		• Waste Packaging Costs	\$0.00	
		• Waste Transportation Costs	\$0.00	
		• Waste Disposal Costs	\$0.00	
		• Spilled Source Management Costs	\$0.00	
		Other Costs	\$0.00	
		Any Other Miscellaneous Costs: Please specify and add cost		
		<b>SUBTOTAL COST</b>	<b>\$0.00</b>	
		<b>plus 25% Contingency Fee</b>	<b>\$0.00</b>	
		<b>TOTAL DECOMMISSIONING COST ESTIMATE</b>	<b>\$0.00</b>	

# Plan Template

- Identifies the topics and information needed
- Provides textual organization
- Includes *easy to use* instructions



# Cost Calculator

- Prompts for required data
- Calculates all required factors
- Provides helpful comments

DECOMMISSIONING FUNDING PLAN  
COST ESTIMATE

License Name: \_\_\_\_\_  
License Number: \_\_\_\_\_  
Date Completed: February 13, 2008

DECOMMISSIONING ACTIVITIES  
Contract: \_\_\_\_\_  
Labor Code: Decommissioning and Demanding

NOTE: All components listed under "Area and Subcategory" should be included in the contract.  
NOTE: Please provide the percentage of "Total Work Days" in account for each "Labor Category".  
Notes of Area: All Radioactive Materials Storage Areas

Action	Quantity	Units	Hours by Labor Category and Task										Estimated Labor Hours		
			01	02	03	04	05	06	07	08	09	10			
Weld	<input type="checkbox"/>														4.00
Paint	<input type="checkbox"/>														4.00
Grout	<input type="checkbox"/>														4.00
Weld/Grout Joint	<input type="checkbox"/>														4.00
Plumbing	<input type="checkbox"/>														4.00
Panel Work	<input type="checkbox"/>														4.00
LR Barriers	<input type="checkbox"/>														4.00
Shield Boxes	<input type="checkbox"/>														4.00
Hot Cells	<input type="checkbox"/>														4.00
Removal	<input type="checkbox"/>														4.00
Special Tools	<input type="checkbox"/>														4.00

Grand Total: DECOMMISSIONING FUNDING PLAN  
COST ESTIMATE

License Name: \_\_\_\_\_  
License Number: \_\_\_\_\_  
Date Completed: February 13, 2008

TOTAL COST OF DECOMMISSIONING

	Total Cost of Decommissioning
Total Planning and Preparation Labor Costs	\$0.00
Total Radiation Survey Labor Costs	\$0.00
Total Sampling Labor Costs	\$0.00
Total Demarcation, Signaling, and Decommissioning Labor Costs	\$0.00
Total Equipment and Supply Costs	\$0.00
Total Analytical Laboratory Costs	\$0.00
Total Waste Management Costs	\$0.00
• Waste Management Labor	\$0.00
• Waste Packaging Costs	\$0.00
• Waste Transportation Costs	\$0.00
• Waste Disposal Costs	\$0.00
• Spilled Source Management Costs	\$0.00
Other Costs	\$0.00
Any Other Miscellaneous Costs	\$0.00
Please specify cost below:	
<b>SUBTOTAL COST</b>	<b>\$0.00</b>
plus 25% Contingency Fee	\$0.00
<b>TOTAL DECOMMISSIONING COST ESTIMATE</b>	<b>\$0.00</b>

# Where to Get Cool Tools

- <http://www.doh.wa.gov/ehp/rp/materials/rmliclab.htm>
- For additional help or questions:  
Aine Grumbles  
[aine.grumbles@doh.wa.gov](mailto:aine.grumbles@doh.wa.gov)  
(360)236-3222

# Questions?

