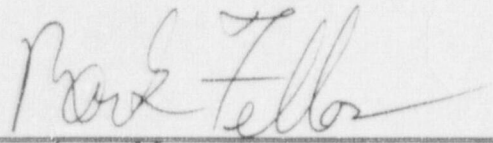


EASTERN TECHNOLOGIES, INC.
DECOMMISSION FUNDING PLAN
COST ESTIMATE

- A. PRECAUTIONS
- B. ESTIMATE OF TOTAL COST FOR DECOMMISSIONING
- C. METHOD FOR UPDATING AND ADJUSTMENTS
- D. FINANCIAL ASSURANCE

APPROVED BY:


Mark Fellows
Vice President

~~CONFIDENTIAL~~

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A. PRECAUTIONS

1. Floors and walls throughout the facility will be sealed with a coating to help ensure that concrete/block surfaces do not become impregnated with radioactive material.
2. All waste water lines and holding tanks in the facility will be made from plastic or fiberglass base. This will ensure quick dismantling and volume reduction. Volume reduction will be accomplished through the use of chippers that will reduce the PVC/fiberglass material into small highly compactable pieces.
3. House keeping techniques for the continuous decontamination of plant surfaces and components will be implemented to keep the facility as free as possible from any build up of contamination.

B. ESTIMATE OF TOTAL COST FOR DECOMMISSIONING

I. PLANNING AND PREPARATION

Estimated Work Days

<u>Task</u>	<u>Super-visor</u>	<u>Plant Mngr.</u>	<u>Health Physi-cist</u>	<u>Health Physi-cist Tech.</u>	<u>Clerical</u>	<u>Total</u>	<u>Total Cost</u>
1. Preparation of Documentation for Regulatory Agencies	[REDACTED]				[REDACTED]	[REDACTED]	[REDACTED]
2. Submittal of Decommissioning Plan to NRC	[REDACTED]				[REDACTED]	[REDACTED]	[REDACTED]
3. Development of work plans	[REDACTED]				[REDACTED]	[REDACTED]	[REDACTED]
4. Procuring of Special Equipment	[REDACTED]				[REDACTED]	[REDACTED]	[REDACTED]
5. Staff Training	[REDACTED]				[REDACTED]	[REDACTED]	[REDACTED]

F44

6. Characteriza-
tion of
radiological
condition of
facility
(facility and
environmental
samples)

TOTAL

Unit Cost of Workers

<u>Position</u>	<u>Basic Salaries (\$/yr)</u>	<u>Overhead Rate %</u>	<u>Worker Cost/yr.</u>
Supervisor			
Plant Mngr.			
Health Physicist			
Health Physics Tech.			
Laborer			
Clerical			

II. RADIOACTIVE FACILITY COMPONENTS AND ASSOCIATED SURFACE AREAS

<u>Item</u>	<u>Note</u>	<u>Equipment Units</u>	<u>Surface Area</u>
Waste water holding tanks			
Primary waste water holding tank			
Waste water lines			
Washer waste water lines			
Recycle water lines			
Sorting tables			
Washing machine			
Washing machine			
Dryer			
Dryer			
Dryer exhaust duct			
Air conditioning duct			
Floor area (laundry)			
Floor area (water processing room)			

Floor area (air handling room)	NA
Wall area (laundry)	NA
Wall area (water processing room)	NA
Wall area (air handling room)	NA

[REDACTED]
[REDACTED]
[REDACTED] F44

Notes:

- (1) All contact surfaces taken into consideration.
- (2) To be decontaminated to unrestricted release limits.
- (3) To be monitored for activity and if grossly contaminated dismantled, packaged and disposed of at a low level waste site. If not grossly contaminated will attempt decontamination and release of materials.
- (4) To be dismantled; interior linens/coatings removed and packaged and disposed of at a low level waste site.
- (5) Internally contaminated PVC water lines to be cored to remove contaminated material. Contaminated material to be packaged and disposed of at a low level waste site.

III. Task Performance

Task	Work Days					Total	Cost
	Super-visor	Plant Mngr.	Health Physi-cist	Health Physi-cist Tech.	Laborer		
1. Decon washing machines	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2. Decon dryers	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
3. Dismantle/Decon dryer exhaust system	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
4. Dismantle/Decon waste water lines and processing equipment	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
5. Dismantle/Decon waste water holding tanks	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

F44

6. Dismantle/Decon HP lab (hood, sink, & work table)	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
7. Dismantle/Decon sorting tables	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
8. Dismantle/Decon air condition ventilation systems	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
9. Survey and mark areas of con- tamination on walls and floors	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
10. Decon walls and floors and re- survey for com- pliance	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
11. Package waste for shipment	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
	TOTAL [REDACTED]				

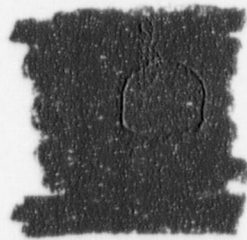
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III. PACKAGING, SHIPPING AND DISPOSAL OF RADIOACTIVE WASTES

Estimate of Volume

Secondary waste water tanks
Primary waste water holding tank
Washer waste water lines
Discharge waste water lines
Recycle water lines
Dryer exhaust duct

TOTAL



F44

Estimated known volume of radioactive waste
Additional amount for possible errors in
calculations (100%)

TOTAL ESTIMATE



Estimate of Disposal Cost

Unit, Waste, Type	Cost Volume (m ³)	No. of of containers	Type of containers	Unit cost of containers	Cost of containers
Class "A"			Shipping/ Disposal		
Class "A"			Boxes		
Unstable "DAW"				NA	NA
Distance Shipped					
Cost of Transportation					
Processing/Burial Charges					
(\$6,285.26m3)					
Total Associated Burial Charges					

V. Associated Utility Charges

Estimated twelve week decommission @ per week

Total Associated Utility Charge

VI. Total Estimate Of Decommission Cost

Planning and Preparation
Task Performance
Burial Charges
Utility Charges

Total Estimate of Decommission Cost

Additional Amount Included for
Calculation Errors

Total Amount of Decommission Funding

C. METHOD FOR UPDATING AND ADJUSTMENTS

The decommission funding plan will be updated at each license renewal unless events dictate more frequent changes. All associated costs included in the decommission funding plan will be updated to reflect current costs of the items. Estimates of surface areas for equipment and processing areas will be updated to include any changes made in the facility. Estimate of associated wastes will also be updated to include these changes.

D. FINANCIAL ASSURANCE

Finalcial assurance for this decommission funding plan will be provided by and Escrow Account with the assets of the account being a Cerificate of Deposit sufficient in size to cover the present estimated decommissioning cost.