POWER RESOURCES, INC. RUTH ISL PROJECT
2003-2004 SURETY ESTIMATE

TOTAL DECOMMISSIONING AND RECLAMATION COST ESTIMATE

I.	BUILDING DEMOLITION AND DISPOSAL COSTS	$40,055
II.	EVAPORATION POND DECOMMISSIONING COSTS	$21,274
III.	MISC. SURFACE RECLAMATION COSTS	$6,821
IV.	WELL PLUGGING AND ABANDONMENT	$1,781
V.	FINAL STATUS SURVEY REPORT	$10,000
	SUBTOTAL	$79,931
	PROJECT MANAGEMENT AND MISCELLANEOUS COSTS (15%)[1]	$11,990
	CONTRACTOR PROFIT, OVERHEAD, AND MOBILIZATION COSTS (10%)[2]	$7,993
	TOTAL	$99,914
	CPI ESCALATOR - DECEMBER 2001 TO DECEMBER 2003 (4.7%)	$4,696
	TOTAL CALCULATED SURETY (IN 2003 DOLLARS)	**$104,600**

[1] Based on WDEQ-LQD Guideline No. 12 (1/2001), Section II(B)(12)(except b) and (13).
[2] Based on WDEQ-LQD Guideline No. 12 (1/2001), Section II(B)(12)(b).

BUILDING DEMOLITION AND DISPOSAL	Process Building	Warehouse Building	Generator Building
I. Demolition Costs			
A. Equipment			
Equipment remaining on site includes 6 tanks/vessels and			
injection manifold. Assume $2000 for dismantling.			
Subtotal Equipment Dismantling Costs	$2,000	$0	$0
B. Building			
Total Volume of Building (ft^3)	80000	6000	1500
Demolition Unit Cost per WDEQ Guideline 12, App. K ($/$ft^3$)	$0.165	$0.165	$0.165
Subtotal Building Demolition Costs	$13,200	$990	$248
C. Concrete Floor			
Area of Concrete Floor (ft^2)	4000	600	150
Demolition Unit Cost per WDEQ Guideline 12, App. K ($/$ft^2$)	$3.05	$3.05	$3.05
Subtotal Concrete Floor Demolition Costs	$12,200	$1,830	$458
D. Concrete Footing			
Length of Concrete Footing (ft)	280	0	0
Demolition Unit Cost per WDEQ Guideline 12, App. K ($/lin. ft)	$11.15	$11.15	$11.15
Subtotal Concrete Footing Demolition Costs	$3,122	$0	$0
Subtotal Demolition Costs per Building	$30,522	$2,820	$706
Total Demolition Costs	**$34,048**		
II. Disposal Costs			
A. Equipment			
Assumptions: Per Byproduct Material Disposal Agreement between			
PRI and Pathfinder, first 185 cy disposed of at Shirley Basin at no			
cost. Transportation based on 2001 operating costs at Highland.			
Assume equipment volume of 15 cy.			
# Trips	1	0	0
Transportation Unit Cost ($/trip)	$700	$700	$700
Disposal Unit Cost ($/ton)	$0	$0	$0
Subtotal Equipment Disposal Costs	$700	$0	$0
B. Buildings (On-Site)			
Assumptions: Thickness of building material (ft)	0.75	0.5	0.5
Building Length (ft)	100	30	15
Building Width (ft)	40	20	10
Building Height (ft)	20	10	10
Volume of Building Materials (cy)	267	30	12
Volume for Disposal (assuming 25% swell factor) (cy)	334	38	15
Disposal Unit Cost per WDEQ Guideline 12, App. K ($/cy)	$5.44	$5.44	$5.44
Subtotal Building Disposal Costs	$1,817	$207	$82
C. Concrete Floor			
Assumptions: Per Byproduct Material Disposal Agreement between			
PRI and Pathfinder, first 185 cy disposed of at Shirley Basin at no			
cost. Transportation based on 2001 operating costs at Highland.			
Area of Concrete Floor (ft^2)	4000	600	150
Average Thickness of Concrete Floor (ft)	0.5	0.5	0.5
Volume of Concrete Floor (cy)	74	11	3
1. On-Site			
Percentage (%)[2]	90%	100%	100%
Volume for Disposal (cy)	66.6	11	3
Disposal Unit Cost per WDEQ Guideline 12, App. K ($/cy)	$4.13	$4.13	$4.13

											Process	Warehouse	Generator
BUILDING DEMOLITION AND DISPOSAL											**Building**	**Building**	**Building**
			Subtotal On-Site Disposal Costs								$275	$45	$12
		2.	NRC-Licensed Facility										
				Percentage (%)[2]							10%	0%	0%
				Volume for Disposal (cy)							7.4	0	0
				Volume for Disposal (assuming 50% swell factor) (cy)							11	0	0
				# Trips							1	0	0
				Transportation Unit Cost ($/trip)							$700	$0	$0
				Disposal Unit Cost ($/cy)							$0	$0	$0
			Subtotal NRC-Licensed Facility Disposal Costs								$700	$0	$0
		Subtotal Concrete Floor Disposal Costs									$975	$45	$12
	D.	Concrete Footing (On-Site)											
			Length of Concrete Footing (ft)								280	0	0
			Average Depth of Concrete Footing (ft)								4	4	4
			Average Width of Concrete Footing (ft)								1	1	1
			Volume of Concrete Footing (cy)								41	0	0
			Disposal Unit Cost per WDEQ Guideline 12, App. K ($/cy)								$4.13	$4.13	$4.13
		Subtotal Concrete Footing Disposal Costs									$169	$0	$0
	Subtotal Disposal Costs per Building										$3,661	$252	$94
	Total Disposal Costs										**$4,007**		
III.	**Radiation Surveys and Soil Sampling**												
	Assumptions: Based on NRC regulations and ambient levels of radiation												
		on-site, environmental and personnel monitoring (TLD) not required.											
	A.	Equipment (Alpha/Gamma Surveys and Smear Samples)											
			# Weeks								2	0	0
			Rental Rate ($/week)								$250	$250	$250
		Total Equipment Costs									$500	$0	$0
	B.	Labor (Surveys and Soil Sampling)											
			# Hours								80	0	0
			Labor Cost ($/hr)								$15	$15	$15
		Total Labor Costs									$1,200	$0	$0
	C.	Analytical Costs											
			# Samples								5	0	0
			Ra-226 Analytical Cost ($/sample)								$60	$60	$60
		Total Analytical Costs									$300	$0	$0
	Subtotal Radiation Survey and Soil Sampling Costs										$2,000	$0	$0
	Total Radiation Survey and Soil Sampling Costs										**$2,000**		
SUBTOTAL BUILDING DEMOLITION AND DISPOSAL COSTS											$36,183	$3,072	$800
TOTAL BUILDING DEMOLITION AND DISPOSAL COSTS											**$40,055**		
Notes:	[1] Based on radiation surveys conducted by Pathfinder Mines Co. during October and November, 2001 (see												
		site transfer letter dated November 2, 2001).											

EVAPORATION POND DECOMMISSIONING										Pond No. 1	Pond No. 2
I.	**Byproduct Material Removal and Loading**										
	A.	Volume of Byproduct Material									
			Area of Pond Bottom (ft^2)							22,138	21,947
		1.	Area with Fill (ft^2)							2,813	0
				Average Thickness of Fill (in)						3.5	0
				Volume of Fill (cy)						30	0
		2.	Remaining Area with Pond Residue (ft^2)							19,325	21,947
				Average Thickness of Pond Residue (in)						1	0.5
				Volume of Pond Residue (cy)						60	34
		3.	Area of Liner (ft^2)							22,138	21,947
				Thickness of Liner (in)						0.036	0.036
				Volume of Liner (cy)						2.5	2.4
				Volume of Liner Assuming 25% Void Space (cy)						3	3
		4.	Area of Contaminated Sump and Drain (ft^2)							0	1
				Length of Sump and Drain (ft)						0	240
				Volume of Sump and Drain (cy)						0	9
		5.	Diameter of Contaminated Soil (ft)							0	10
				Depth of Contaminated Soil (in)						0	6
				Volume of Contaminated Soil (cy)						0	1
		Subtotal Volume of Byproduct Material (cy)								93	47
	B.	Equipment (Front End Loader)									
			# Hours							40	20
			Operating Cost ($/hr)							$60	$60
		Subtotal Equipment Costs								$2,400	$1,200
	C.	Labor									
			# Hours							40	20
			# Laborers							3	3
			Labor Cost ($/hr)							$15	$15
		Subtotal Labor Costs								$1,800	$900
	Subtotal Byproduct Material Removal and Loading Costs									$4,200	$2,100
	Total Byproduct Material Removal and Loading Costs									**$6,300**	
II.	**Transportation and Disposal**										
		Total Volume of Byproduct Material (cy)								93	47
		Assumptions: Per Byproduct Material Disposal Agreement between									
			PRI and Pathfinder, first 185 cy disposed of at Shirley Basin at no								
			cost. Transportation based on 2001 operating costs at Highland.								
	A.	Transportation									
			Volume of Soil per Trip (cy/trip)							30	30
			# Trips							3	2
			Cost per Trip ($/trip)							$700	$700
		Subtotal Transportation Costs								$2,100	$1,400
	B.	Disposal									
			Disposal Unit Cost ($/cy)							$0	$0
		Subtotal Disposal Costs								$0	$0
	Subtotal Transportation and Disposal Costs									$2,100	$1,400
	Total Transportation and Disposal Costs									**$3,500**	
III.	**Ripping**										
		Area (acres)								0.5	0.5
		Ripping Unit Cost per WDEQ Guideline 12, App. I ($/acre)								$474.92	$474.92
	Subtotal Ripping Costs									$237	$237
	Total Ripping Costs									**$474**	
IV.	**Backfilling**										
		Assumptions: Surface grade = 0%; Avg. haul distance = 100 ft.									

			Pond No. 1	Pond No. 2
EVAPORATION POND DECOMMISSIONING			**Pond No. 1**	**Pond No. 2**
		Volume of Soil (cy)	5400	5400
		Backfilling Unit Cost per WDEQ Guideline 12, App. E ($/cy)	$0.145	$0.145
	Subtotal Backfilling Costs		$783	$783
	Total Backfilling Costs		**$1,566**	
V.	**Grading**			
		Area (acres)	1.5	1.5
		Rough Grading Unit Cost per WDEQ Guideline 12, App. M ($/acre)	$50.35	$50.35
		Final Grading Unit Cost per WDEQ Guideline 12, App. G ($/acre)	$38.35	$38.35
	Subtotal Grading Costs		$133	$133
	Total Grading Costs		**$266**	
VI.	**Replacement of Topsoil**			
		Assumptions: Surface grade = 0%; Avg. haul distance = 400 ft.		
		Volume of Topsoil (cy)	3756	3756
		Application Unit Cost per WDEQ Guideline No.12, App.E ($/cy)	$0.47	$0.47
	Subtotal Topsoil Replacement Costs		$1,765	$1,765
	Total Topsoil Replacement Costs		**$3,530**	
VII.	**Seeding/Revegetation**			
		Area (acres)	1.5	1.5
		Disking/Seeding ($/acre)	$250	$250
		Mulching ($acre)	$300	$300
	Subtotal Seeding/Revegetation Costs		$825	$825
	Total Seeding/Revegetation Costs		**$1,650**	
VIII.	**Fence Removal**			
		Length (ft)	800	800
		Removal Unit Cost per WDEQ Guideline 12, App. H ($/ft)	$0.68	$0.68
	Subtotal Fence Removal Costs		$544	$544
	Total Fence Removal Costs		**$1,088**	
IX.	**Radiation Surveys and Soil Sampling**			
	Assumptions: Based on NRC regulations and ambient levels of radiation			
		on-site, environmental and personnel monitoring (TLD) not required.		
	A.	Equipment (Alpha/Gamma Surveys and Smear Samples)		
		# Weeks	1	1
		Rental Rate ($/week)	$250	$250
		Total Equipment Costs	$250	$250
	B.	Labor (Surveys and Soil Sampling)		
		# Hours	40	40
		Labor Cost ($/hr)	$15	$15
		Total Labor Costs	$600	$600
	C.	Analytical Costs		
		# Samples	10	10
		Ra-226 Analytical Cost ($/sample)	$60	$60
		Total Analytical Costs	$600	$600
	Subtotal Radiation Survey and Soil Sampling Costs		$1,450	$1,450
	Total Radiation Survey and Soil Sampling Costs		**$2,900**	
SUBTOTAL EVAPORATION POND DECOMMISSIONING COSTS			$12,037	$9,237
TOTAL EVAPORATION POND DECOMMISSIONING COSTS			**$21,274**	

POWER RESOURCES, INC. RUTH ISL PROJECT
2003-2004 SURETY ESTIMATE

MISC. SURFACE RECLAMATION				
I.	**Buildings, Roads, and Parking Areas**			
	A.	Gravel Removal		
			Assumptions: Surface Grade = 0%; Avg. haul distance = 500 ft.	
			Volume (cy)	1500
			Removal Unit Cost per WDEQ Guideline 12, App. C ($/cy)	$0.60
		Total Gravel Removal Costs		$900
	B.	Ripping		
			Area (acres)	2
			Ripping Unit Cost per WDEQ Guideline 12, App. I ($/acre)	$474.92
		Total Ripping Costs		$950
	C.	Replacement of Topsoil		
			Assumptions: Surface grade = 0%; Avg. haul distance = 400 ft.	
			Volume of Topsoil (cy)	2070
			Application Unit Cost per WDEQ Guideline No.12, App.E ($/cy)	$0.47
		Total Topsoil Replacement Costs		$973
	D.	Seeding/Revegetation		
			Area (acres)	2
			Disking/Seeding ($/acre)	$250
			Mulching ($acre)	$300
		Total Seeding/Revegetation Costs		$1,100
	E.	Fence Removal		
			Length (ft)	2880
			Removal Unit Cost per WDEQ Guideline 12, App. H ($/ft)	$0.68
		Total Fence Removal Costs		$1,958
	Total Bldgs, Roads, and Parking Area Surface Reclamation Costs			**$5,881**
II.	**R&D Wellfield Area**			
	A.	Replacement of Topsoil		
			Assumptions: Surface grade = 0%; Avg. haul distance = 350 ft.	
			Volume of Topsoil (cy)	1180
			Application Unit Cost per WDEQ Guideline No.12, App.E ($/cy)	$0.424
		Total Topsoil Replacement Costs		$500
	B.	Seeding/Revegetation		
			Area (acres)	0.8
			Disking/Seeding ($/acre)	$250
			Mulching ($acre)	$300
		Total Seeding/Revegetation Costs		$440
	Total R&D Wellfield Area Surface Reclamation Costs			**$940**
TOTAL MISC. SURFACE RECLAMATION COSTS				**$6,821**

POWER RESOURCES, INC. RUTH ISL PROJECT
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WELL PLUGGING AND ABANDONMENT			
I.	**Plugging**		
	Assumptions: Based on actual well abandonment costs incurred		
	at Ruth during 2000. Includes labor , equip., and materials.		
	Well Casing Diameter (in)		5
	# Wells		3
	Average Well Depth (ft)		550
	Total Casing Length (ft)		1650
	Plugging Unit Cost[1] ($/ft of casing)		$1.05
	Adjustment for Inflation[2] (December 2000 to December 2001)		1.5%
	Adjusted Plugging Unit Cost ($/ft of casing)		$1.07
	Total Plugging Costs		**$1,766**
II.	**Seeding/Revegetation**		
	# Sites		3
	Seeding Unit Cost per WDEQ Guideline 12, App. L ($/site)[3]		$5
	Total Seeding Costs		**$15**
TOTAL WELL PLUGGING AND ABANDONMENT COSTS			**$1,781**
Notes:	[1] Includes well plugging, removing top of casing, installing cement plug, etc.		
	[2] Based on Urban Consumer Price Index, U.S. Department of Labor, Bureau of		
	Labor Statistics.		
	[3] Seeding of abandoned well locations to be completed in conjunction with		
	seeding of other reclaimed areas.		