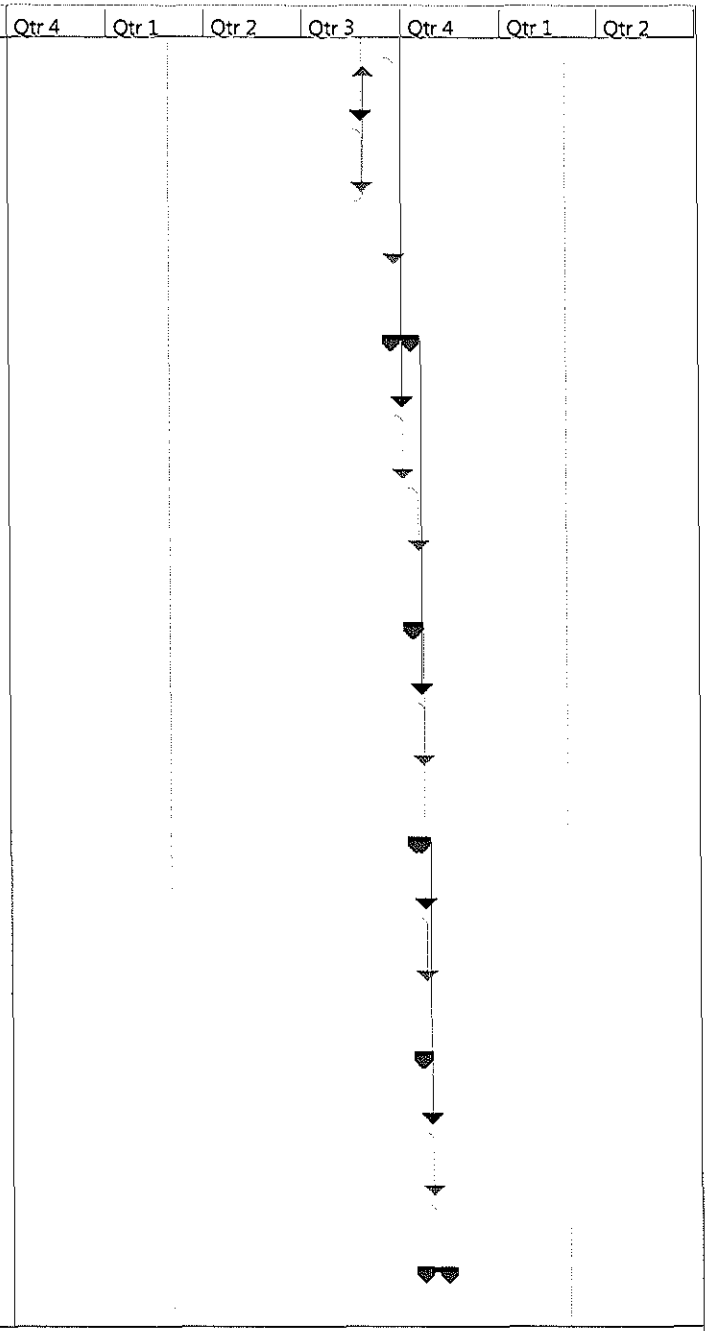
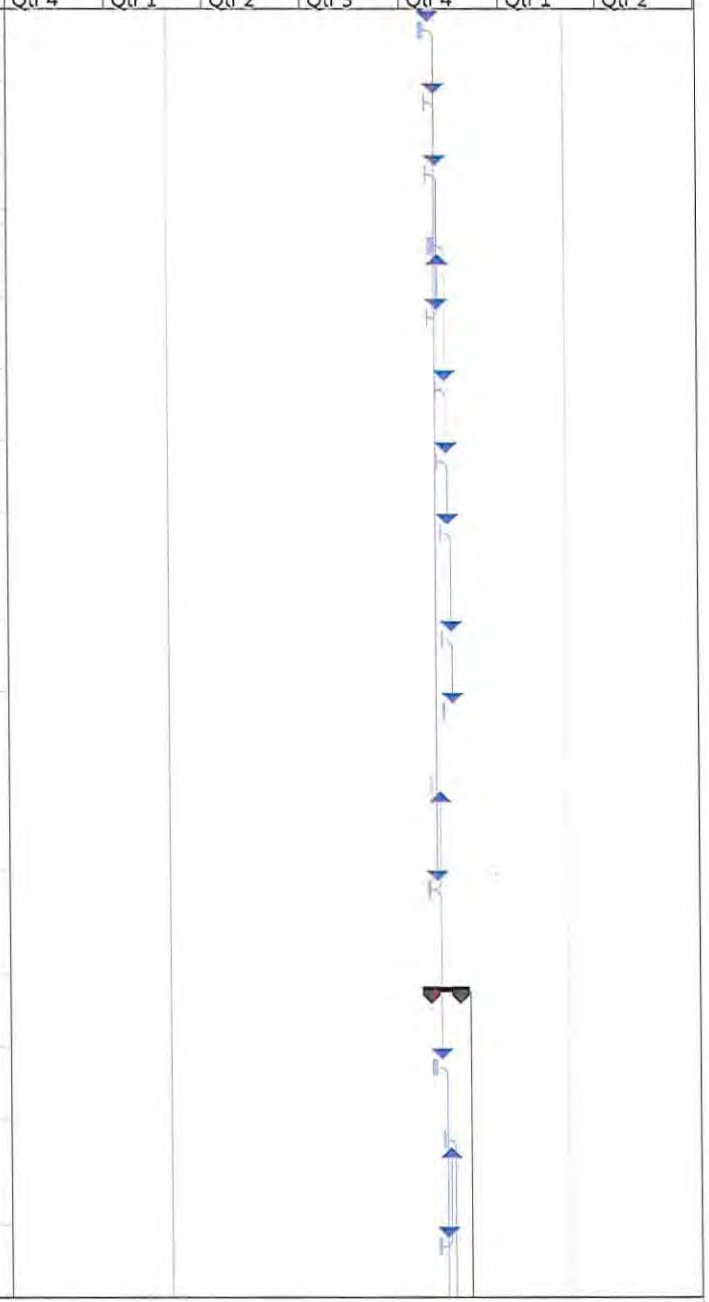
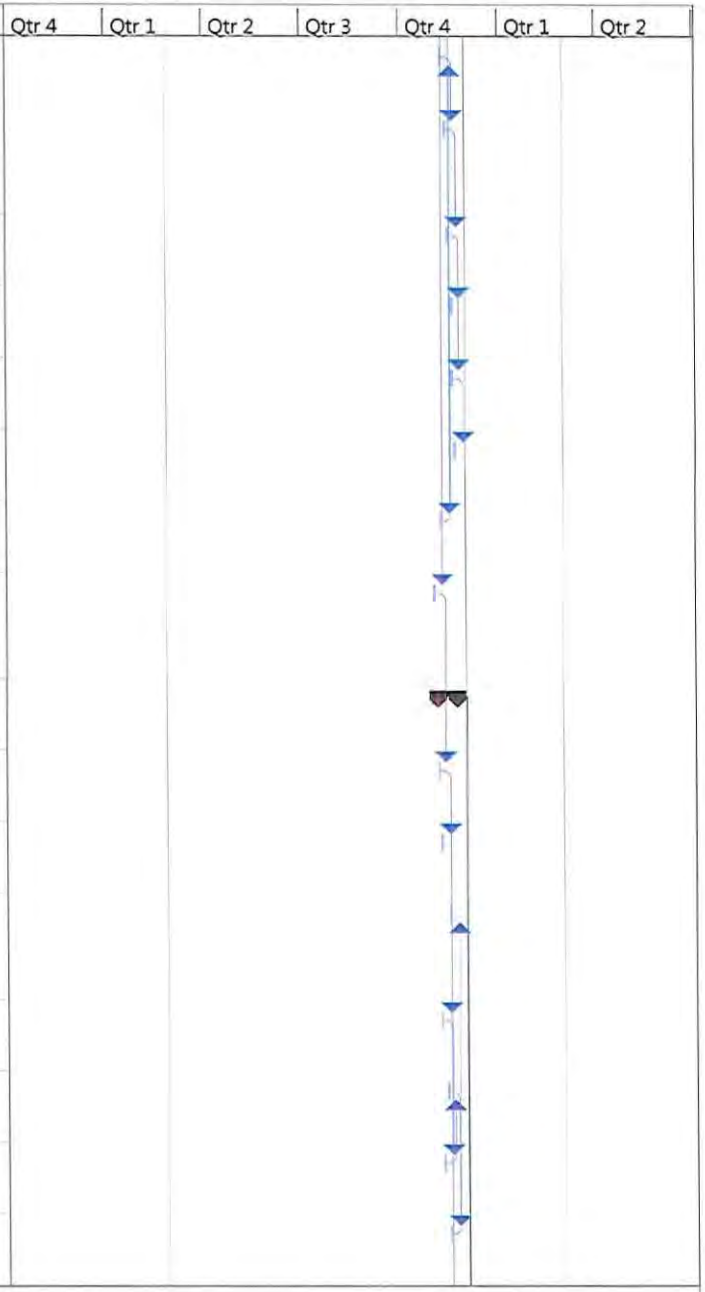
ID	Task Name	Duration
50	Gas side - perform cleaning of the boiler and bottom ash system.	20 days
51	Drain boiler, drum, downcomers and headers.	1 day
52	Open drum doors.	1 day
53	Drain and clean the submerged flight conveyor system.	5 days
54	**Ductwork**	**12 days**
55	Open ductwork doors.	1 day
56	Perform extensive cleaning of the ductwork.	10 days
57	Install Flue Cap on L1 Stack Flue	1 day
58	**Condensate and Feedwater Piping**	**2 days**
59	Drain water from the system.	1 day
60	Leave open vents and drains.	1 day
61	**Feedwater heaters**	**3 days**
62	Drain feedwater heaters	1 day
63	Leave open vents and drains.	2 days
64	**Deaerator and Deaerator Storage Tank**	**2 days**
65	Drain Deaerator and Storage	1 day
66	Leave open vents and drains.	1 day
67	**Baghouse**	**16 days**



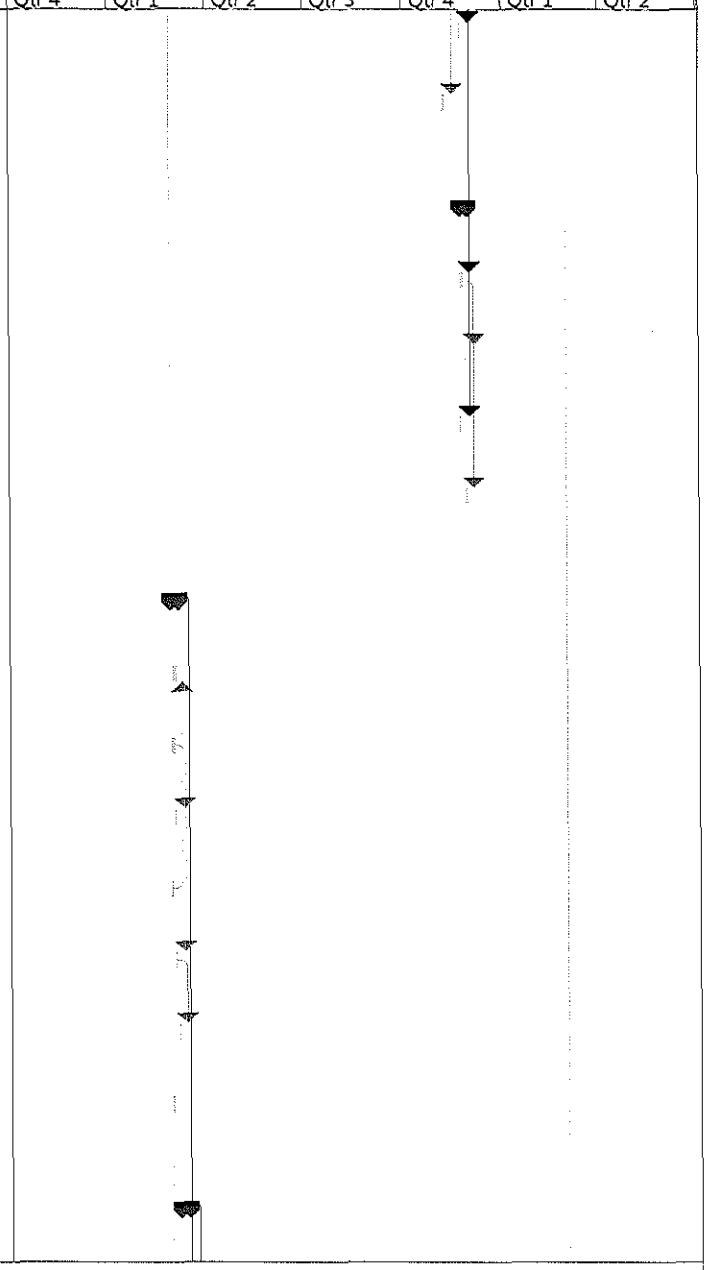
ID	Task Name	Duration
68	Multiple cleaning cycles for filter bags.	3 days
69	Open all vent and drain lines on bag cleaning air and control air lines. Leave in open position or remove vent valves.	1 day
70	Remove all filter bags and cages.	1 day
71	Clear hoppers of all ash	4 days
72	Mechanically secure all compartment dampers and hopper outlet valves in open position.	1 day
73	Disconnect ash transport piping and washdown baghouse hoppers and interior of casing.	1 day
74	Install bird screens across hopper ash outlet and ash line flanges.	1 day
75	Padlock or tack weld all hopper doors shut. (note: if ash hopper doors are indoors, they could be removed and the opening covered with bird screens.)	1 day
76	If walk-in plenum, padlock or tack weld all outlet plenum doors and compartment ventilation dampers shut.	1 day
77	If top-door plenum, close and secure top doors and remove/disable door lift hoist.	2 days
78	If top-door plenum, establish natural ventilation or maintain HVAC fan to provide minimum air changes per hour in penthouse enclosure.	1 day
79	Pull electrical supply breakers on all electrical equipment except lighting and HVAC components that are to remain in service.	3 days
80	**Wet FGD system**	**19 days**
81	Multiple mist eliminator wash cycles. Remove ME's from absorber.	3 days
82	Drain and flush all slurry and reclaim water pumps and piping. Leave vent and drain valves open or remove. Install bird screens across drain openings.	2 days
83	Drain and wash out the reaction tank, reagent storage tank, recycle water tank, absorber blowdown tank, etc.	3 days



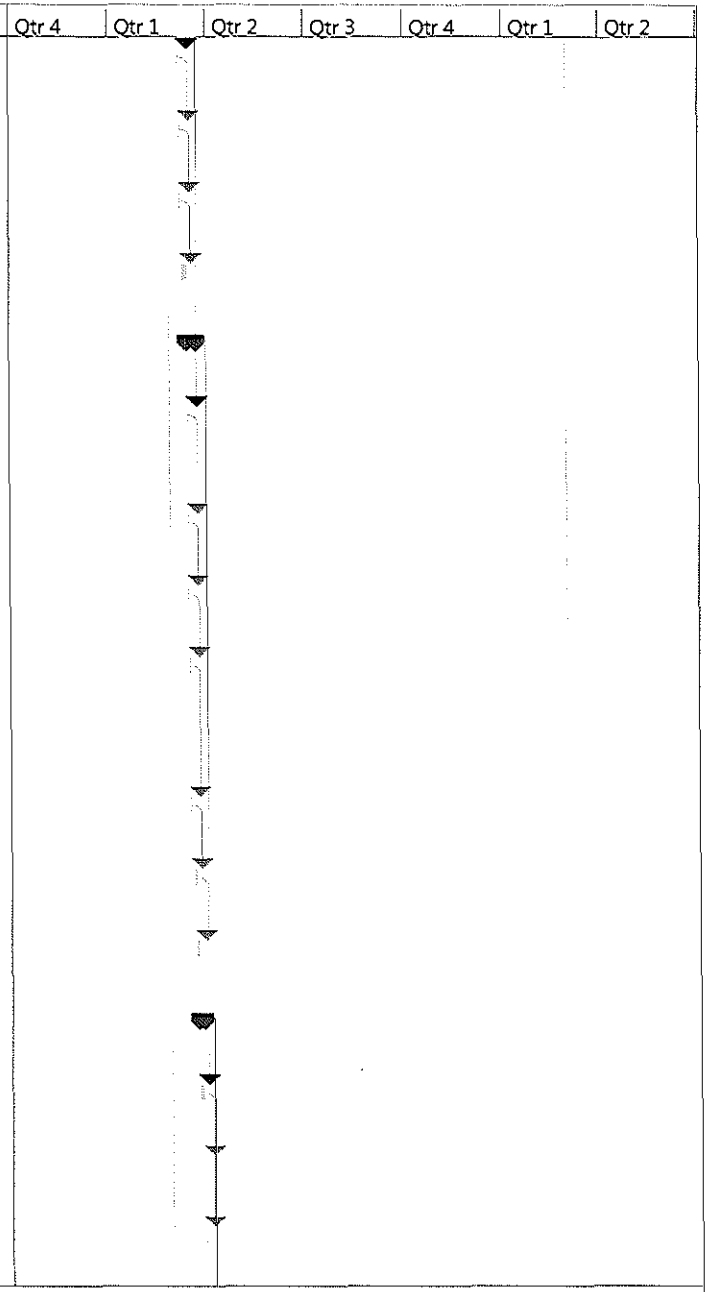
ID	Task Name	Duration
84	Leave all tank drain valves open or remove. Install bird screens across openings.	2 days
85	Drain all makeup and mist eliminator water pumps and piping. Leave vent and drain valves open or remove. Install bird screens across drain openings.	2 days
86	Mechanically secure all flue gas isolation dampers in open position or remove damper blades.	2 days
87	Remove solids from all inlet and outlet ductwork as necessary	2 days
88	Open all vent station air and control air lines. Leave in open position or remove vent valves	2 days
89	Padlock or tack weld all access doors to modules and ductwork shut.	2 days
90	Remove access doors to open-top tanks.	1 day
91	Pull electrical supply breakers on all electrical equipment except lighting and HVAC components that are to remain in service.	3 days
92	**FGD Reagent Preparation-Limestone wet Scrubber**	**14 days**
93	Remove limestone from day bins.	2 days
94	Removed cartridges/bags from bin vent filters	2 days
95	Padlock or tack weld all bin access doors shut. (note: if doors are indoors, they could be removed and the opening covered with bird screens.)	1 day
96	Remove bin discharge isolation valve and install bird screen.	1 day
97	Thoroughly wash and drain mills	2 days
98	Remove balls from any ball mills	2 days
99	Padlock or tack weld mill access doors closed.	1 day



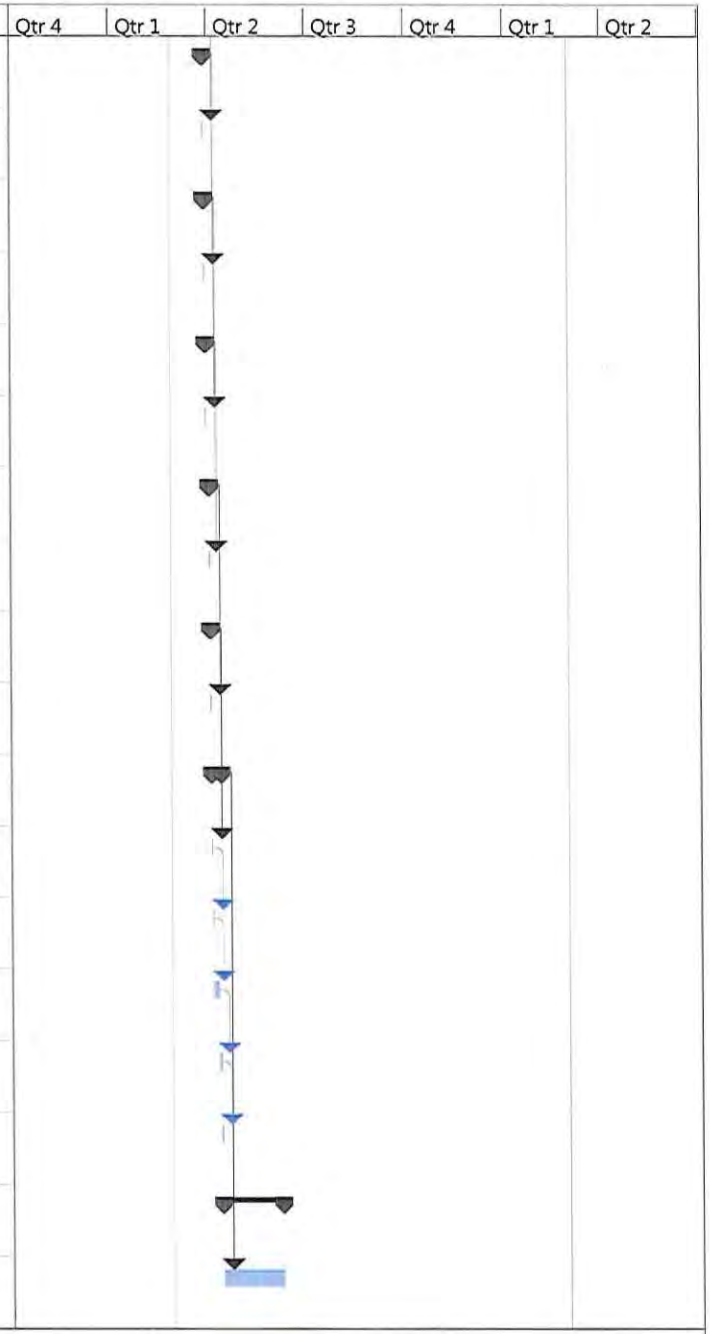
ID	Task Name	Duration
100	Establish natural ventilation or maintain HVAC fan to provide minimum air changes per hour in building.	1 day
101	Pull electrical supply breakers on all electrical equipment except lighting and HVAC components that are to remain in service.	2 days
102	**FGD Byproduct Dewatering - Hydrocyclones and Vacuum Filters**	**5 days**
103	Wash vacuum filter belt and remove all accumulated solids	2 days
104	Wash out vacuum receiver, remove pressure relief valve and access door. Install bird screens.	1 day
105	Establish natural ventilation or maintain HVAC fan to provide minimum air changes per hour in building.	1 day
106	Pull electrical supply breakers on all electrical equipment except lighting and HVAC components that are to remain in service.	3 days
107	**SCR**	**6 days**
108	Vacuum fly ash from catalyst.	4 days
109	Remove catalyst of salvage or disposal.	4 days
110	Padlock or tack weld access doors shut.	1 day
111	Remove ammonia from storage tank for resale.	1 day
112	Wash out and drain storage tank and supply piping.	1 day
113	Vent storage tank and all piping. Leave vent and drain valves open or remove. Install bird screens.	1 day
114	Pull electrical supply breakers on all electrical equipment except lighting and HVAC components that are to remain in service.	2 days
115	**Turbine(s) and Condenser**	**6 days**



ID	Task Name	Duration
116	Drain hotwell and leave doors open.	1 day
117	Open main turbine doors.	1 day
118	Open bfp turbine doors.	1 day
119	Remove lube oil.	3 days
120	**Generator**	**7 days**
121	Verify that generator circuit breaker is open and racked out or that high-voltage disconnect switch on substation side of GSU transformer is locked in the open position.	0.5 days
122	Verify that generator field breaker or contactor (if applicable) is open.	0.5 days
123	De-energize power supplies to generator excitation system at the source.	0.5 days
124	De-energize AC and DC power supplies to generator and exciter space heaters, cooling equipment, controls, lighting, etc. at the source and open circuit breakers or remove fuses at the generator and exciter.	0.5 days
125	Drain generator and exciter cooling water systems (if applicable).	1 day
126	Disconnect and remove hydrogen gas tanks and purge generator hydrogen system.	2 days
127	Disconnect and remove fire protection system gas/foam tanks and purge fire protection system.	2 days
128	**Circulation Water and Turbine Cooling Water System**	**3 days**
129	Drain.	2 days
130	Open water box doors.	1 day
131	Drain any circulating water chemical feed tanks.	1 day



ID	Task Name	Duration
132	**Compressed Air System**	**1 day**
133	Open vents and drains.	1 day
134	**Auxiliary Steam System**	**1 day**
135	Drain water from system.	1 day
136	**Auxiliary Cooling Water System**	**1 day**
137	Drain water from system.	1 day
138	**Condenser Air Extraction and Waterbox Priming System**	**1 day**
139	Drain water from system.	1 day
140	**Building Heating System**	**1 day**
141	Drain water from system.	1 day
142	**Battery System**	**7 days**
143	De-energize all battery chargers from the source.	0.5 days
144	Open all AC and DC circuit breakers and/or fused switches on battery chargers and disconnect cables from batteries.	0.5 days
145	Remove and dispose of battery electrolyte.	3 days
146	Remove and dispose of battery cells.	2 days
147	Clean up and dispose of electrolyte on surface areas around batteries.	1 day
148	**Post Retirement Activities**	**40 days**
149	Post Retirement Activities	40 days



La Cygne 1 Dismantlement

Owner Additional Costs				
Pre-Dismantlement Activities		$1,132,525		
Overhead During Dismantlement		$2,055,627		
Post-Dismantlement Activities		$71,270		
Owner Costs Total			$3,259,423	
Demolition General Contractor (DGC) Costs				
Site Management		$1,370,880		
Equipment Rental		$2,349,343		
Consumables		$2,567,178		
Scrap Crew(s)		$2,287,460		
Dismantlement*		$12,280,391		
DGC Insurance	2.00%	$417,105		
Contingency/Profit	15.00%	$3,190,854		
Performance Bond	2.00%	$489,264.23		
Contractor Costs Total:			$24,952,476	
Total:				$28,211,898
Owner Internal Costs:	5.00%			$1,410,595
Owner Contingency:	25.00%			$7,405,623
La Cygne Unit 1 Dismantlement Opinion of Probable Cost:				$37,028,117

UNIT 2

La Cygne 2 Retirement

Owner Costs				
Pre-Retirement Activities		$106,968		
Retirement Activities		$675,822		
Post-Retirement Activities		$28,182		
Owner Direct Total			$810,972	
Owner Internal Costs	5.00%		$40,549	
Owner Contingency:	25.00%		$212,880	
La Cygne 2 Retirement Opinion of Probable Cost:				$1,064,401
Activities Required by Permit or Regulation				
La Cygne Station Asbestos Removal			$2,674,758	
Activities Required by Permit or Regulation:				$2,674,758

La Cygne 2 Retirement

ID	Task Name	Cost
0	**La Cygne 2 Retirement**	**$810,972.05**
1	**LaCygne 2 Retirement**	**$810,972.05**
2	**Pre-Engineering**	**$106,967.52**
3	Permit review and engineering analysis, establish isolation points, and confirm fuel yard inventory has been reduced to zero tons.	$0.00
4	**KCL&L Overhead Costs**	**$109,108.48**
5	KCP&L Retirement Manager	$109,108.48
6	**Equipment Rentals**	**$36,573.12**
7	Vacuum truck	$36,573.12
8	**Retirement**	**$530,140.53**
9	**Electrical**	**$20,553.92**
10	**Medium and Low Voltage Draw out Switchgear**	**$2,903.52**
11	De-energize all buses at the source.	$483.92
12	Open all circuit breakers.	$483.92
13	Rack all circuit breakers into the fully withdrawn, disconnected position.	$483.92
14	Verify that the closing/tripping springs are discharged.	$483.92
15	De-energize control power and auxiliary power circuits of each circuit breaker at the source and by opening control power circuit breakers or removing fuses in each breaker cubicle.	$967.84
16	**Motor Control Centers**	**$1,935.68**
17	De-energize all buses at the source.	$483.92
18	Open all circuit breakers and disconnect switches.	$483.92
19	Remove all fuses in control circuits.	$967.84
20	**Low-voltage Switchboards and Panelboards**	**$967.84**
21	De-energize all buses at the source.	$483.92
22	Open all circuit breakers and disconnect switches.	$483.92
23	**Oil-Filled Power Transformers**	**$6,072.32**
24	De-energize all transformer primaries and verify that the secondary is de-energized.	$967.84
25	De-energize all low-voltage AC or DC power sources for space heaters, cooling equipment, controls, etc. at the source and open circuit breakers or remove fuses at transformer end.	$967.84
26	Drain and dispose of oil.	$2,867.52
27	Clean up and dispose of oil on surface areas around the transformers on in containment pits.	$1,269.12
28	**Dry-type Power Transformers**	**$1,935.68**
29	De-energize all transformer primaries and verify that the secondary is de-energized.	$967.84
30	De-energize all low-voltage AC or DC power sources for space heaters, cooling equipment, controls, etc. at the source and open circuit breakers or remove fuses at transformer end.	$967.84
31	**Motors**	**$6,738.88**
32	De-energize all primary power at the source.	$1,935.68

La Cygne 2 Retirement

ID	Task Name	Cost
33	De-energize all low-voltage power sources for space heaters or other auxiliary equipment at the source.	$1,935.68
34	Drain lube oil system (if applicable) and dispose of oil.	$2,867.52
35	**Coal Handling**	**$30,905.36**
36	Empty all transfer hoppers.	$1,853.84
37	Burn out coal silos.	$1,834.56
38	Confirm all fuel lines, conveyors and trippers are clear of fuel.	$1,834.56
39	Perform cleaning of the coal handling equipment to assure that all coal and coal dust has been removed from site.	$25,382.40
40	**Fuel Oil and Igniter System**	**$2,751.84**
41	Drain fuel oil system	$2,751.84
42	**Waste Oil System**	**$1,834.56**
43	Drain all waste oil systems	$1,834.56
44	**Boiler Chemical Feed**	**$1,834.56**
45	Drain all chemical feed tanks.	$1,834.56
46	**Boiler**	**$30,927.60**
47	Open boiler doors.	$955.84
48	Gas side - perform cleaning of the boiler and bottom ash system.	$25,382.40
49	Drain boiler, drum, downcomers and headers.	$917.28
50	Open drum doors.	$955.84
51	Drain and clean the submerged flight conveyor system.	$2,716.24
52	**Stack and Ductwork**	**$344,145.25**
53	Open ductwork doors.	$955.84
54	Perform extensive cleaning of the ductwork.	$12,691.20
55	Install Flue Cap on L2 Flue	$330,498.21
56	**Condensate and Feedwater Piping**	**$1,834.56**
57	Drain water from the system.	$917.28
58	Leave open vents and drains.	$917.28
59	**Feedwater heaters**	**$2,751.84**
60	Drain feedwater heaters	$917.28
61	Leave open vents and drains.	$1,834.56
62	**Deaerator and Deaerator Storage Tank**	**$1,834.56**
63	Drain Deaerator and Storage	$917.28
64	Leave open vents and drains.	$917.28
65	**Baghouse**	**$18,919.84**
66	Multiple cleaning cycles for filter bags.	$2,751.84
67	Open all vent and drain lines on bag cleaning air and control air lines. Leave in open position or remove vent valves.	$917.28
68	Remove all filter bags and cages.	$955.84
69	Clear hoppers of all ash	$3,103.68
70	Mechanically secure all compartment dampers and hopper outlet valves in open position.	$955.84
71	Disconnect ash transport piping and washdown baghouse hoppers and interior of casing.	$1,571.12

La Cygne 2 Retirement

ID	Task Name	Cost
72	Install bird screens across hopper ash outlet and ash line flanges.	$955.84
73	Padlock or tack weld all hopper doors shut. (note: if ash hopper doors are indoors, they could be removed and the opening covered with bird screens.)	$955.84
74	If walk-in plenum, padlock or tack weld all outlet plenum doors and compartment ventilation dampers shut.	$955.84
75	If top-door plenum, close and secure top doors and remove/disable door lift hoist.	$1,873.12
76	If top-door plenum, establish natural ventilation or maintain HVAC fan to provide minimum air changes per hour in penthouse enclosure.	$1,020.08
77	Pull electrical supply breakers on all electrical equipment except lighting and HVAC components that are to remain in service.	$2,903.52
78	**Wet FGD system**	**$26,222.88**
79	Multiple mist eliminator wash cycles. Remove ME's from absorber.	$2,331.76
80	Drain and flush all slurry and reclaim water pumps and piping. Leave vent and drain valves open or remove. Install bird screens across drain openings.	$1,873.12
81	Drain and wash out the reaction tank, reagent storage tank, recycle water tank, absorber blowdown tank, etc.	$5,183.28
82	Leave all tank drain valves open or remove. Install bird screens across openings.	$1,911.68
83	Drain all makeup and mist eliminator water pumps and piping. Leave vent and drain valves open or remove. Install bird screens across drain openings.	$2,828.96
84	Mechanically secure all flue gas isolation dampers in open position or remove damper blades.	$1,911.68
85	Remove solids from all inlet and outlet ductwork as necessary	$2,538.24
86	Open all vent station air and control air lines. Leave in open position or remove vent valves	$1,873.12
87	Padlock or tack weld all access doors to modules and ductwork shut.	$1,911.68
88	Remove access doors to open-top tanks.	$955.84
89	Pull electrical supply breakers on all electrical equipment except lighting and HVAC components that are to remain in service.	$2,903.52
90	**FGD Reagent Preparation-Limestone wet Scrubber**	**$11,270.00**
91	Remove limestone from day bins.	$1,551.84
92	Removed cartridges/bags from bin vent filters	$1,551.84
93	Padlock or tack weld all bin access doors shut. (note: if doors are indoors, they could be removed and the opening covered with bird screens.)	$955.84
94	Remove bin discharge isolation valve and install bird screen.	$477.92

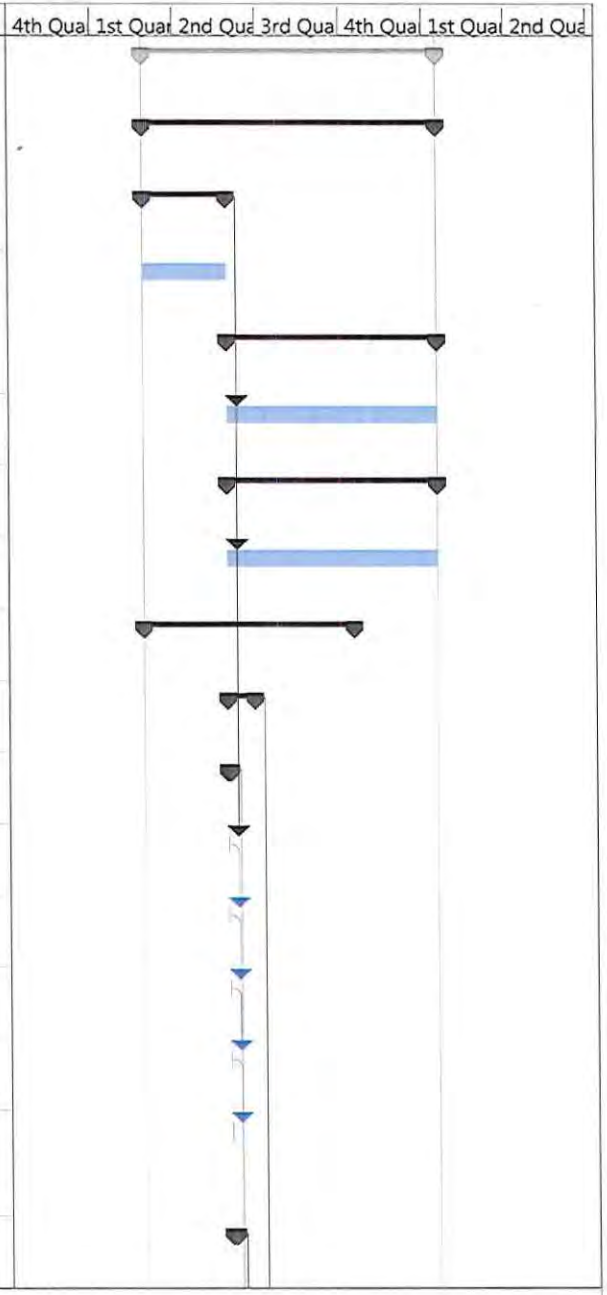
La Cygne 2 Retirement

ID	Task Name	Cost
95	Thoroughly wash and drain mills	$1,551.84
96	Remove balls from any ball mills	$1,269.12
97	Padlock or tack weld mill access doors closed.	$955.84
98	Establish natural ventilation or maintain HVAC fan to provide minimum air changes per hour in building.	$1,020.08
99	Pull electrical supply breakers on all electrical equipment except lighting and HVAC components that are to remain in service.	$1,935.68
100	**FGD Byproduct Dewatering - Hydrocyclones and Vacuum Filters**	**$8,032.96**
101	Wash vacuum filter belt and remove all accumulated solids	$2,538.24
102	Wash out vacuum receiver, remove pressure relief valve and access door. Install bird screens.	$1,571.12
103	Establish natural ventilation or maintain HVAC fan to provide minimum air changes per hour in building.	$1,020.08
104	Pull electrical supply breakers on all electrical equipment except lighting and HVAC components that are to remain in service.	$2,903.52
105	**Turbine(s) and Condenser**	**$5,715.76**
106	Drain hotwell and leave doors open.	$936.56
107	Open main turbine doors.	$955.84
108	Open bfp turbine doors.	$955.84
109	Remove lube oil.	$2,867.52
110	**Generator**	**$6,618.48**
111	Verify that generator circuit breaker is open and racked out or that high-voltage disconnect switch on substation side of GSU transformer is locked in the open position.	$483.92
112	Verify that generator field breaker or contactor (if applicable) is open.	$483.92
113	De-energize power supplies to generator excitation system at the source.	$483.92
114	De-energize AC and DC power supplies to generator and exciter space heaters, cooling equipment, controls, lighting, etc. at the source and open circuit breakers or remove fuses at the generator and exciter.	$483.92
115	Drain generator and exciter cooling water systems (if applicable).	$936.56
116	Disconnect and remove hydrogen gas tanks and purge generator hydrogen system.	$1,834.56
117	Disconnect and remove fire protection system gas/foam tanks and purge fire protection system.	$1,911.68
118	**Circulation Water and Turbine Cooling Water System**	**$3,707.68**
119	Drain.	$1,834.56
120	Open water box doors.	$955.84
121	Drain any circulating water chemical feed tanks.	$917.28
122	**Compressed Air System**	**$917.28**
123	Open vents and drains.	$917.28

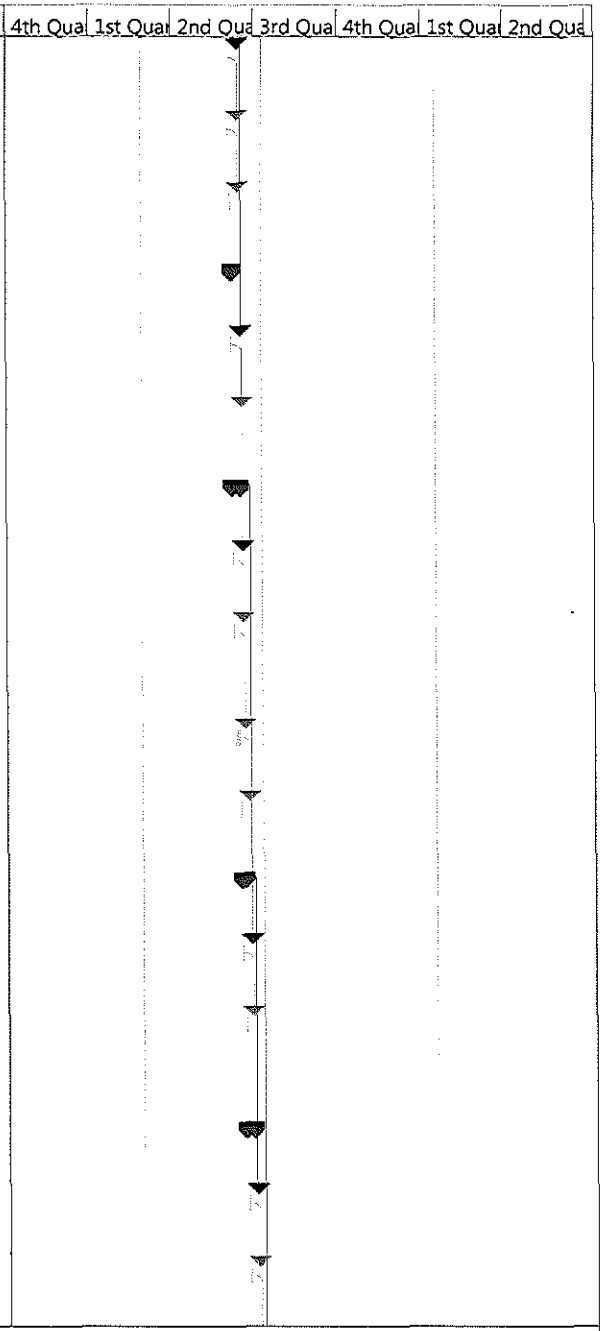
La Cygne 2 Retirement

ID	Task Name	Cost
124	**Auxiliary Steam System**	**$1,834.56**
125	Drain water from system.	$917.28
126	Remove aux boiler chemicals.	$917.28
127	**Auxiliary Cooling Water System**	**$917.28**
128	Drain water from system.	$917.28
129	**Condenser Air Extraction and Waterbox Priming System**	**$917.28**
130	Drain water from system.	$917.28
131	**Building Heating System**	**$917.28**
132	Drain water from system.	$917.28
133	**Battery System**	**$4,775.20**
134	De-energize all battery chargers from the source.	$483.92
135	Open all AC and DC circuit breakers and/or fused switches on battery chargers and disconnect cables from batteries.	$483.92
136	Remove and dispose of battery electrolyte.	$1,903.68
137	Remove and dispose of battery cells.	$1,269.12
138	Clean up and dispose of electrolyte on surface areas around batteries.	$634.56
139	**Post Retirement Activities**	**$28,182.40**
140	Post Retirement Activities	$28,182.40

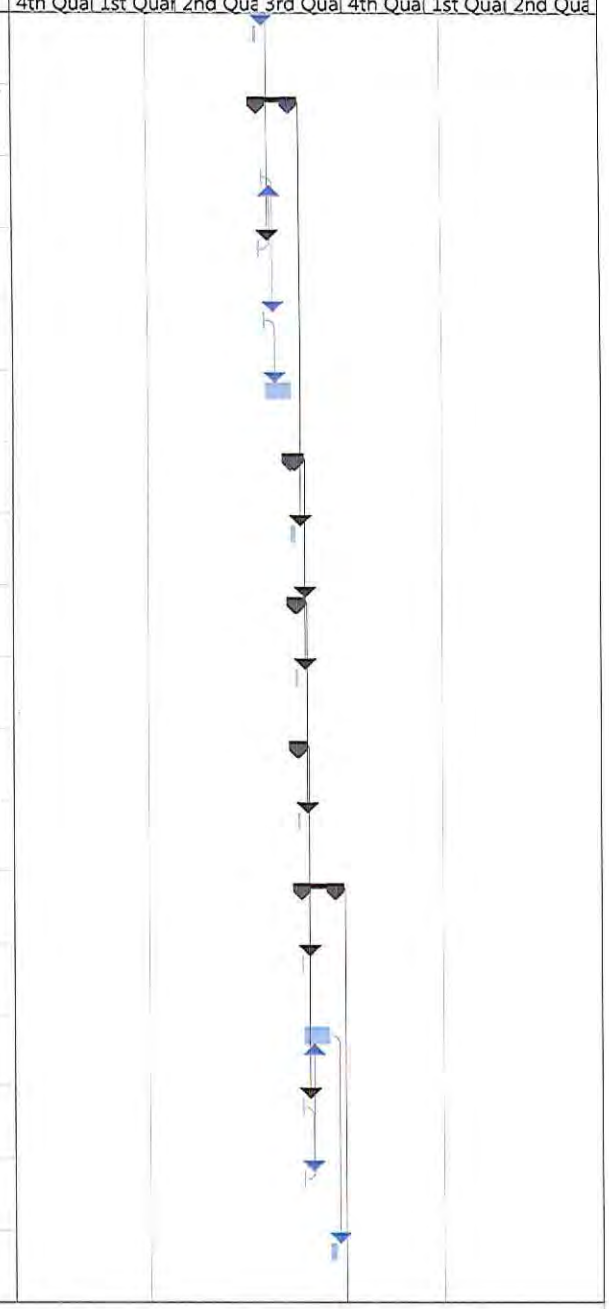
ID	Task Name	Duration
0	**La Cygne 2 Retirement**	**232 days**
1	**LaCygne 2 Retirement**	**232 days**
2	**Pre-Engineering**	**66 days**
3	Permit review and engineering analysis, establish isolation points, and confirm fuel yard inventory has been reduced to zero tons.	66 days
4	**KCL&L Overhead Costs**	**166 days**
5	KCP&L Retirement Manager	166 days
6	**Equipment Rentals**	**166 days**
7	Vacuum truck	166 days
8	**Retirement**	**166 days**
9	**Electrical**	**22 days**
10	**Medium and Low Voltage Draw out Switchgear**	**3 days**
11	De-energize all buses at the source.	0.5 days
12	Open all circuit breakers.	0.5 days
13	Rack all circuit breakers into the fully withdrawn, disconnected position.	0.5 days
14	Verify that the closing/tripping springs are discharged.	0.5 days
15	De-energize control power and auxiliary power circuits of each circuit breaker at the source and by opening control power circuit breakers or removing fuses in each breaker cubicle.	1 day
16	**Motor Control Centers**	**2 days**



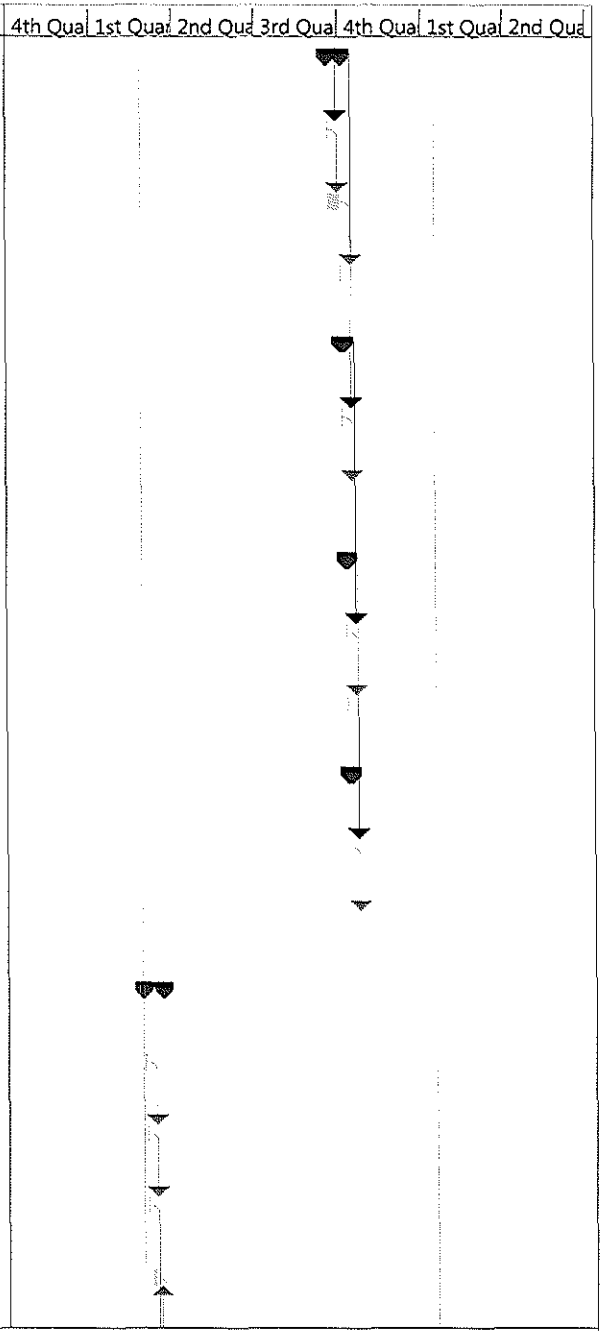
ID	Task Name	Duration
17	De-energize all buses at the source.	0.5 days
18	Open all circuit breakers and disconnect switches.	0.5 days
19	Remove all fuses in control circuits.	1 day
20	**Low-voltage Switchboards and Panelboards**	**1 day**
21	De-energize all buses at the source.	0.5 days
22	Open all circuit breakers and disconnect switches.	0.5 days
23	**Oil-Filled Power Transformers**	**7 days**
24	De-energize all transformer primaries and verify that the secondary is de-energized.	1 day
25	De-energize all low-voltage AC or DC power sources for space heaters, cooling equipment, controls, etc. at the source and open circuit breakers or remove fuses at transformer end.	1 day
26	Drain and dispose of oil.	3 days
27	Clean up and dispose of oil on surface areas around the transformers on in containment pits.	2 days
28	**Dry-type Power Transformers**	**2 days**
29	De-energize all transformer primaries and verify that the secondary is de-energized.	1 day
30	De-energize all low-voltage AC or DC power sources for space heaters, cooling equipment, controls, etc. at the source and open circuit breakers or remove fuses at transformer end.	1 day
31	**Motors**	**7 days**
32	De-energize all primary power at the source.	2 days
33	De-energize all low-voltage power sources for space heaters or other auxiliary equipment at the source.	2 days



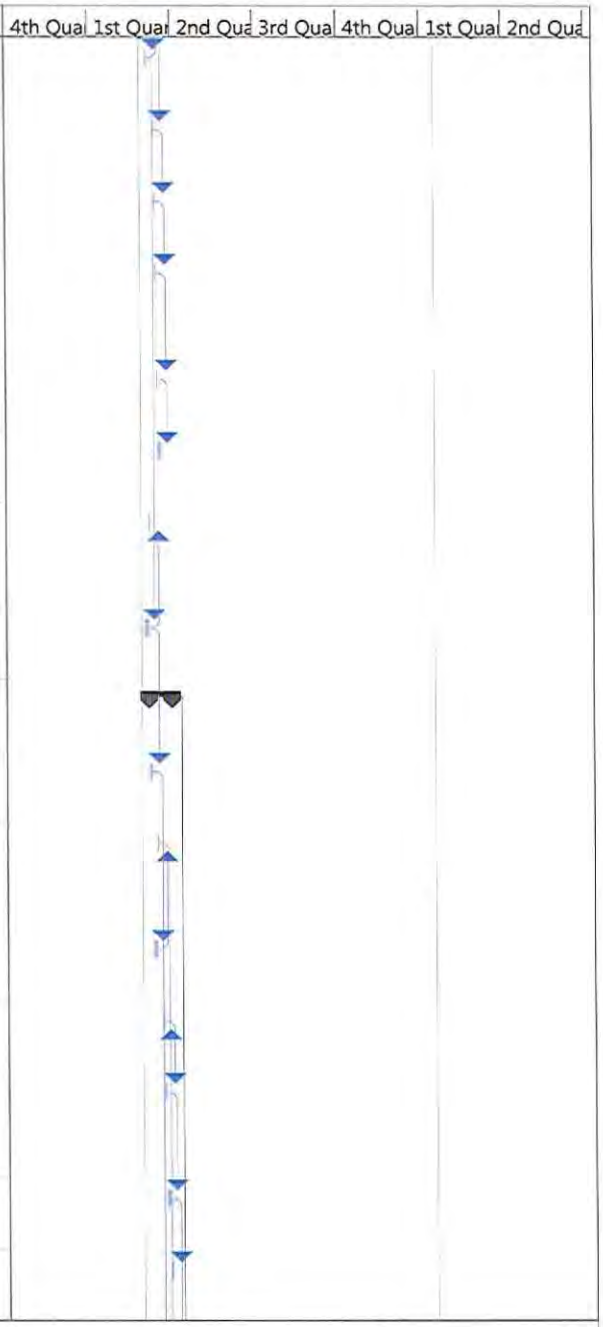
ID	Task Name	Duration
34	Drain lube oil system (if applicable) and dispose of oil.	3 days
35	**Coal Handling**	**25 days**
36	Empty all transfer hoppers.	1 day
37	Burn out coal silos.	2 days
38	Confirm all fuel lines, conveyors and trippers are clear of fuel.	2 days
39	Perform cleaning of the coal handling equipment to assure that all coal and coal dust has been removed from site.	20 days
40	**Fuel Oil and Igniter System**	**3 days**
41	Drain fuel oil system	3 days
42	**Waste Oil System**	**2 days**
43	Drain all waste oil systems	2 days
44	**Boiler Chemical Feed**	**2 days**
45	Drain all chemical feed tanks.	2 days
46	**Boiler**	**27 days**
47	Open boiler doors.	1 day
48	Gas side - perform cleaning of the boiler and bottom ash system.	20 days
49	Drain boiler, drum, downcomers and headers.	1 day
50	Open drum doors.	1 day
51	Drain and clean the submerged flight conveyor system.	5 days



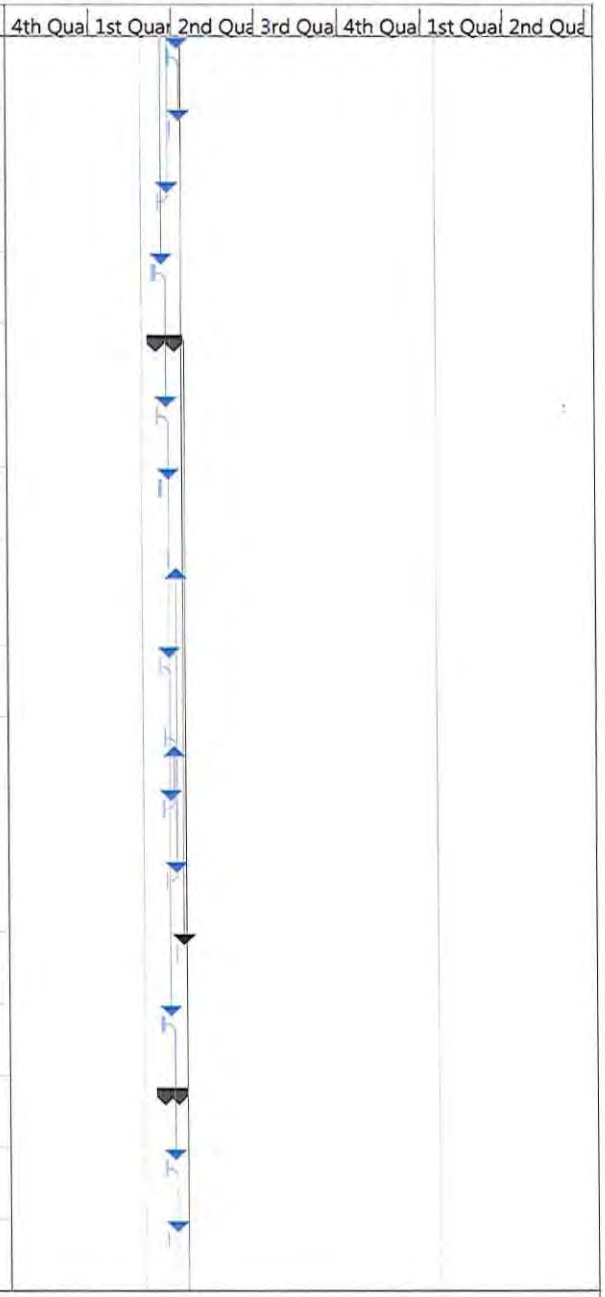
ID	Task Name	Duration
52	**Stack and Ductwork**	**12 days**
53	Open ductwork doors.	1 day
54	Perform extensive cleaning of the ductwork.	10 days
55	Install Flue Cap on L2 Flue	1 day
56	**Condensate and Feedwater Piping**	**2 days**
57	Drain water from the system.	1 day
58	Leave open vents and drains.	1 day
59	**Feedwater heaters**	**3 days**
60	Drain feedwater heaters	1 day
61	Leave open vents and drains.	2 days
62	**Deaerator and Deaerator Storage Tank**	**2 days**
63	Drain Deaerator and Storage	1 day
64	Leave open vents and drains.	1 day
65	**Baghouse**	**16 days**
66	Multiple cleaning cycles for filter bags.	3 days
67	Open all vent and drain lines on bag cleaning air and control air lines. Leave in open position or remove vent valves.	1 day
68	Remove all filter bags and cages.	1 day
69	Clear hoppers of all ash	4 days



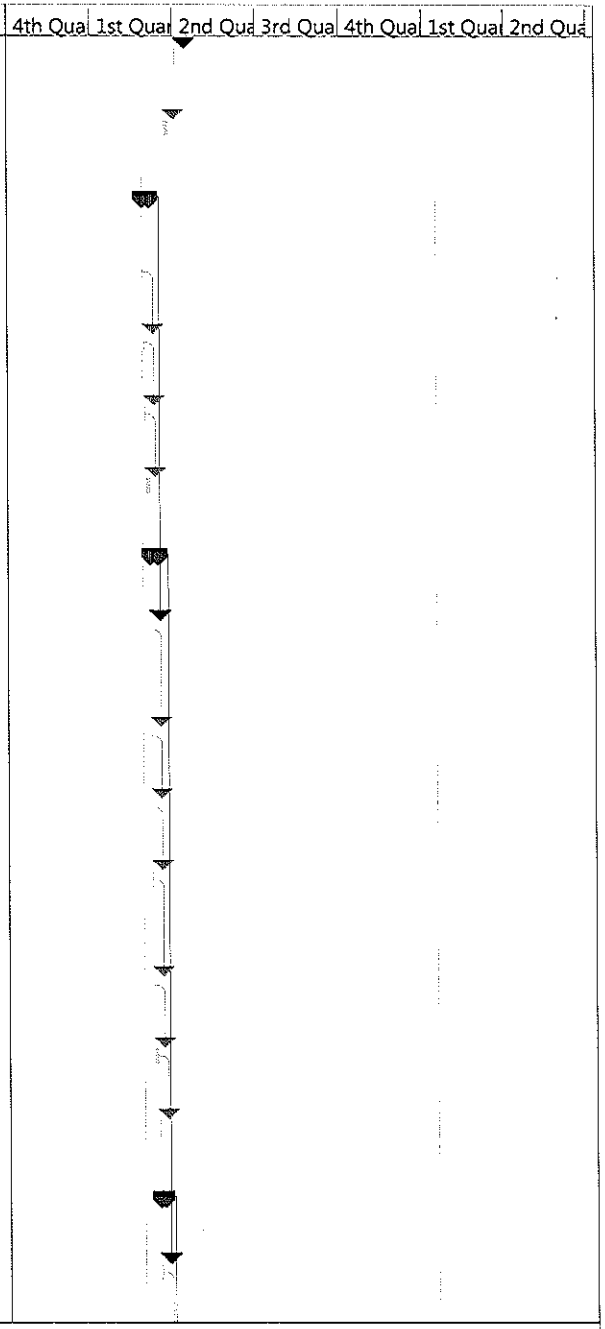
ID	Task Name	Duration
70	Mechanically secure all compartment dampers and hopper outlet valves in open position.	1 day
71	Disconnect ash transport piping and washdown baghouse hoppers and interior of casing.	1 day
72	Install bird screens across hopper ash outlet and ash line flanges.	1 day
73	Padlock or tack weld all hopper doors shut. (note: if ash hopper doors are indoors, they could be removed and the opening covered with bird screens.)	1 day
74	If walk-in plenum, padlock or tack weld all outlet plenum doors and compartment ventilation dampers shut.	1 day
75	If top-door plenum, close and secure top doors and remove/disable door lift hoist.	2 days
76	If top-door plenum, establish natural ventilation or maintain HVAC fan to provide minimum air changes per hour in penthouse enclosure.	1 day
77	Pull electrical supply breakers on all electrical equipment except lighting and HVAC components that are to remain in service.	3 days
78	**Wet FGD system**	**19 days**
79	Multiple mist eliminator wash cycles. Remove ME's from absorber.	3 days
80	Drain and flush all slurry and reclaim water pumps and piping. Leave vent and drain valves open or remove. Install bird screens across drain openings.	2 days
81	Drain and wash out the reaction tank, reagent storage tank, recycle water tank, absorber blowdown tank, etc.	3 days
82	Leave all tank drain valves open or remove. Install bird screens across openings.	2 days
83	Drain all makeup and mist eliminator water pumps and piping. Leave vent and drain valves open or remove. Install bird screens across drain openings.	2 days
84	Mechanically secure all flue gas isolation dampers in open position or remove damper blades.	2 days
85	Remove solids from all inlet and outlet ductwork as necessary	2 days



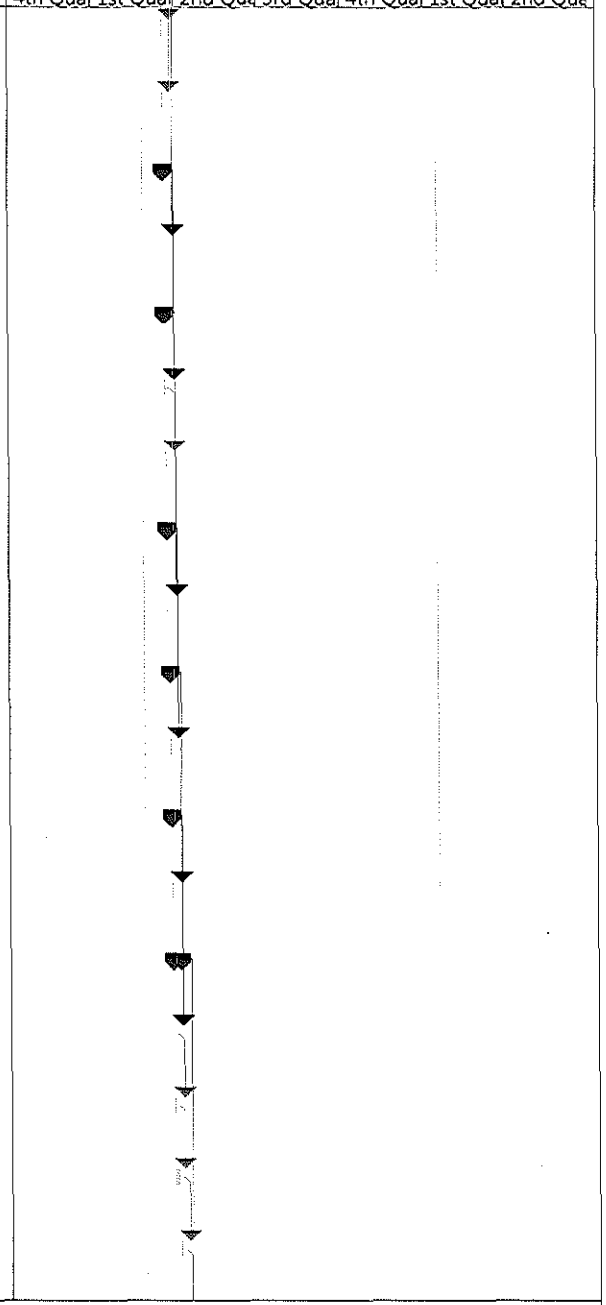
ID	Task Name	Duration
86	Open all vent station air and control air lines. Leave in open position or remove vent valves	2 days
87	Padlock or tack weld all access doors to modules and ductwork shut.	2 days
88	Remove access doors to open-top tanks.	1 day
89	Pull electrical supply breakers on all electrical equipment except lighting and HVAC components that are to remain in service.	3 days
90	**FGD Reagent Preparation-Limestone wet Scrubber**	**14 days**
91	Remove limestone from day bins.	2 days
92	Removed cartridges/bags from bin vent filters	2 days
93	Padlock or tack weld all bin access doors shut. (note: if doors are indoors, they could be removed and the opening covered with bird screens.)	1 day
94	Remove bin discharge isolation valve and install bird screen.	1 day
95	Thoroughly wash and drain mills	2 days
96	Remove balls from any ball mills	2 days
97	Padlock or tack weld mill access doors closed.	1 day
98	Establish natural ventilation or maintain HVAC fan to provide minimum air changes per hour in building.	1 day
99	Pull electrical supply breakers on all electrical equipment except lighting and HVAC components that are to remain in service.	2 days
100	**FGD Byproduct Dewatering - Hydrocyclones and Vacuum Filters**	**11 days**
101	Wash vacuum filter belt and remove all accumulated solids	2 days
102	Wash out vacuum receiver, remove pressure relief valve and access door. Install bird screens.	1 day



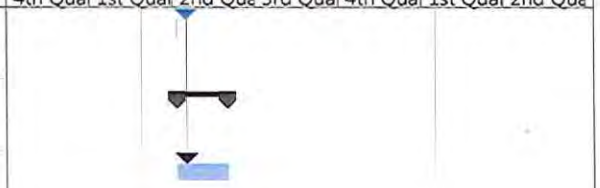
ID	Task Name	Duration
103	Establish natural ventilation or maintain HVAC fan to provide minimum air changes per hour in building.	1 day
104	Pull electrical supply breakers on all electrical equipment except lighting and HVAC components that are to remain in service.	3 days
105	**Turbine(s) and Condenser**	**6 days**
106	Drain hotwell and leave doors open.	1 day
107	Open main turbine doors.	1 day
108	Open bfp turbine doors.	1 day
109	Remove lube oil.	3 days
110	**Generator**	**7 days**
111	Verify that generator circuit breaker is open and racked out or that high-voltage disconnect switch on substation side of GSU transformer is locked in the open position.	0.5 days
112	Verify that generator field breaker or contactor (if applicable) is open.	0.5 days
113	De-energize power supplies to generator excitation system at the source.	0.5 days
114	De-energize AC and DC power supplies to generator and exciter space heaters, cooling equipment, controls, lighting, etc. at the source and open circuit breakers or remove fuses at the generator and exciter.	0.5 days
115	Drain generator and exciter cooling water systems (if applicable).	1 day
116	Disconnect and remove hydrogen gas tanks and purge generator hydrogen system.	2 days
117	Disconnect and remove fire protection system gas/foam tanks and purge fire protection system.	2 days
118	**Circulation Water and Turbine Cooling Water System**	**3 days**
119	Drain.	2 days



ID	Task Name	Duration
120	Open water box doors.	1 day
121	Drain any circulating water chemical feed tanks.	1 day
122	**Compressed Air System**	**1 day**
123	Open vents and drains.	1 day
124	**Auxiliary Steam System**	**2 days**
125	Drain water from system.	1 day
126	Remove aux boiler chemicals.	1 day
127	**Auxiliary Cooling Water System**	**1 day**
128	Drain water from system.	1 day
129	**Condenser Air Extraction and Waterbox Priming System**	**1 day**
130	Drain water from system.	1 day
131	**Building Heating System**	**1 day**
132	Drain water from system.	1 day
133	**Battery System**	**7 days**
134	De-energize all battery chargers from the source.	0.5 days
135	Open all AC and DC circuit breakers and/or fused switches on battery chargers and disconnect cables from batteries.	0.5 days
136	Remove and dispose of battery electrolyte.	3 days
137	Remove and dispose of battery cells.	2 days



ID	Task Name	Duration
138	Clean up and dispose of electrolyte on surface areas around batteries.	1 day
139	**Post Retirement Activities**	**40 days**
140	Post Retirement Activities	40 days



La Cygne 2 Dismantlement

Owner Costs				
Pre-Dismantlement Activities		$1,104,559		
Overhead During Dismantlement		$2,004,866		
Post-Dismantlement Activities		$69,510		
Owner Costs Total			$3,178,936	
Demolition General Contractor (DGC) Costs				
Site Management		$1,336,369		
Equipment Rental		$2,943,884		
Consumables		$2,937,002		
Scrap Crew(s)		$2,229,828		
Dismantlement		$12,970,149		
DGC Insurance	2.00%	$448,345		
Contingency/Profit	15.00%	$3,429,837		
Performance Bond	2.00%	$525,908		
Contractor Costs Total:			$26,821,322	
Total:				$30,000,257
Owner Internal Costs:	5.00%			$1,500,013
Owner Contingency:	25.00%			$7,875,068
La Cygne Unit 2 Dismantlement Opinion of Probable Cost:				$39,375,338

La Cygne Unit 2 Dismantlement

ID	Task Name	Cost
0	**La Cygne Unit 2 Dismantlement**	**$20,835,940.37**
1	**La Cygne Unit 2 Dismantlement**	**$20,766,429.97**
2	**Pre-Dismantlement Activities**	**$1,104,558.96**
3	Detailed Planning & Hire Owner's Engineer	$110,802.72
4	Detailed Site Characterization Study	$783,536.00
5	Hire Demolition General Contractor	$198,647.04
6	KCP&L Prepares Unit for Dismantlement	$11,573.20
7	Demolition Contractor Mobilizes on Site	$0.00
8	**KCP&L Overhead during Dismantlement**	**$2,004,866.33**
9	KCP&L Project Manager	$282,630.38
10	KCP&L Administrative Support	$104,541.59
11	KCP&L Engineer	$464,606.36
12	Owners Engineer Project Manager	$141,728.00
13	Owners Engineer - Engineer	$1,011,360.00
14	**Demoliton Contractor Overhead during Dismantlement**	**$969,151.12**
15	Demolition Contractor Project Manager	$274,202.38
16	Demolition Contractor Safety Manager	$244,171.18
17	Demolition Contractor Superintendent	$450,777.57
18	**Demolition Contractor Equipment Rental Costs**	**$1,633,380.67**
19	Equipment Rental	$1,633,380.67
20	**Demolition Contractor Consummables**	**$1,629,562.40**
21	Consummables	$1,629,562.40
22	**Scrap Crew(s)**	**$1,591,412.80**
23	Crew to Handle Scrap Material(s)	$1,591,412.80
24	**Dismantlement Directs**	**$11,833,497.68**
25	**Phase 1 Demolition**	**$1,065,881.92**
26	**Phase 1 Electrical Demolition**	**$439,040.24**
27	Electrical Demolition of Phase 1 Equipment	$439,040.24
28	**Condensate System**	**$109,178.32**
29	Condensate Pumps	$3,700.96
30	Condensate Transfer Pumps	$1,850.48
31	Cycle Make-Up Pump	$1,850.48
32	Steam Packing Exhauster and Blower	$3,700.96
33	Low Pressure Heaters (except the condenser neck heat exchangers)	$55,514.40
34	Deaerator	$14,803.84
35	Deaerator Storage Tank	$9,252.40
36	Condensate Piping	$18,504.80
37	**Boiler Feed System**	**$70,061.52**
38	Boiler Feed Pump Turbine and Exhaust	$14,547.12
39	Boiler Feed Pump	$18,504.80
40	High Pressure Heaters	$37,009.60
41	**Critical Piping**	**$83,271.60**
42	Main Steam Piping	$27,757.20
43	Cold Reheat Piping	$27,757.20
44	Hot Reheat Piping	$27,757.20
45	**Extraction Steam System**	**$18,504.80**
46	Piping	$18,504.80
47	**Heater Drips**	**$14,803.84**
48	Piping	$14,803.84

La Cygne Unit 2 Dismantlement

ID	Task Name	Cost
49	**Auxiliary Steam**	**$16,654.32**
50	Auxiliary Steam Piping	$16,654.32
51	**Circulating Water (plant side)**	**$9,252.40**
52	Waterboxes	$9,252.40
53	**Bearing Cooling Water**	**$31,458.16**
54	Bearing Cooling Water Pumps	$3,700.96
55	Bearing Cooling Water Heat Exchanger	$9,252.40
56	Bearing Cooling Water Piping	$18,504.80
57	**Auxiliary Cooling Water**	**$29,607.68**
58	Auxiliary Cooling Water Heat Exchanger	$5,551.44
59	Auxiliary Cooling Water Pumps	$5,551.44
60	Auxiliary Cooling Water Piping	$18,504.80
61	**Service Water**	**$9,252.40**
62	Service Water Piping	$9,252.40
63	**Fuel Oil System (plant side)**	**$42,561.04**
64	Igniter Fuel Oil Pumps	$5,551.44
65	Igniter Fuel Oil and Atomizing Air Piping	$9,252.40
66	Igniters	$27,757.20
67	**Waste Oil System**	**$12,953.36**
68	Waste Oil Tank	$3,700.96
69	Waste Oil Transfer Pump	$3,700.96
70	Waste Oil Piping	$5,551.44
71	**Air Preheat System**	**$10,576.08**
72	Air Preheat Pumps	$3,700.96
73	Air Preheat Piping	$6,875.12
74	**Condenser Air Extraction System**	**$11,102.88**
75	Vacuum Pumps	$7,401.92
76	Extraction Piping	$3,700.96
77	**Turbine Seals and Drains**	**$12,953.36**
78	Piping	$12,953.36
79	**Turbine Lube Oil System**	**$21,038.32**
80	Turbine Lube Oil Tank	$11,785.92
81	Turbine Lube Oil Pumps	$7,401.92
82	Turbine Oil Mist Eliminator	$1,850.48
83	**Generator Auxiliary Systems**	**$33,308.64**
84	Hydrogen Cooler Skid and Piping	$9,252.40
85	Stator Cooling Water Skid and Piping	$9,252.40
86	Isophase Bus Duct	$7,401.92
87	Exciter Heat Exchanger	$3,700.96
88	EHC Coolers	$3,700.96
89	**Chemical Feed Systems**	**$19,942.32**
90	Tanks	$8,839.44
91	Pumps	$5,551.44
92	Piping	$5,551.44
93	**Sampling Systems**	**$6,647.44**
94	Field Mounted Heat Exchangers	$3,700.96
95	Piping	$2,946.48
96	**Building Heating Systems**	**$13,750.24**
97	Steam Unit Heaters	$9,821.60

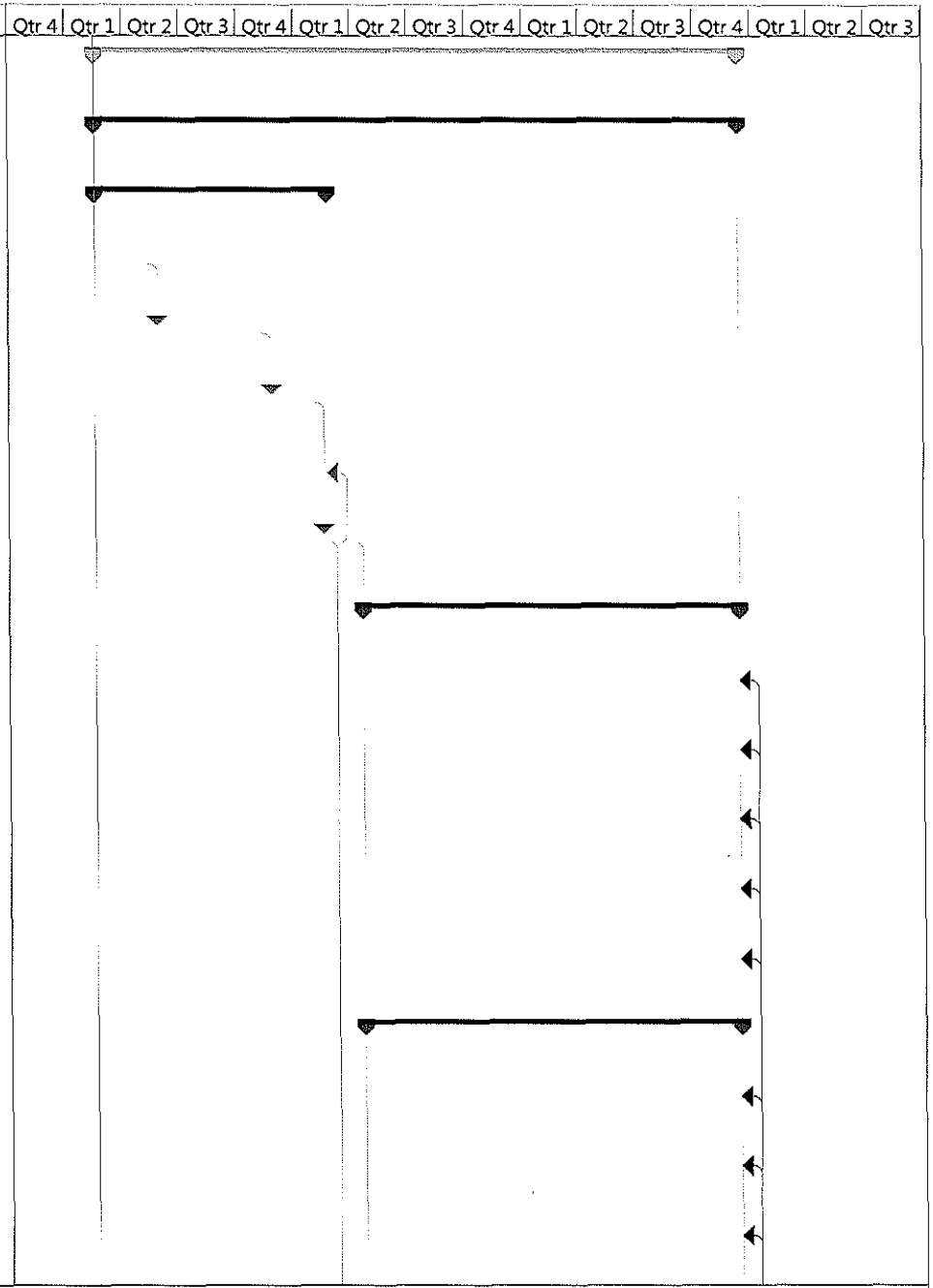
La Cygne Unit 2 Dismantlement

ID	Task Name	Cost
98	Steam Piping	$3,928.64
99	**Compressed Air System**	**$27,757.20**
100	Air Compressors	$7,401.92
101	Air Drying Equipment	$5,551.44
102	Air Reciever Tanks	$5,551.44
103	Compressed Air Piping	$9,252.40
104	**Miscellaneous Equipment**	**$22,205.76**
105	Miscellaneous Equipment (including Fire Protection)	$22,205.76
106	**Phase 2 Demolition**	**$6,531,394.96**
107	**Precipitator**	**$3,638,750.00**
108	Remove Precipitator	$3,638,750.00
109	**Boiler Equipment**	**$734,495.36**
110	Fans	$65,336.00
111	Pulverizers	$74,019.20
112	Bottom Ash	$16,995.84
113	Air Heater	$207,253.76
114	Steam Drum	$92,524.00
115	Coal Bunkers	$74,019.20
116	Coal Feeders	$48,112.48
117	Soot Blowers	$52,608.00
118	Ductwork	$103,626.88
119	**Boiler Removal**	**$414,507.52**
120	Furnace	$236,861.44
121	Back Pass	$177,646.08
122	**Boiler Steel Framing**	**$747,593.92**
123	Hanger Girders at Top	$111,028.80
124	All Other Framing	$347,890.24
125	Bracing and Girts	$170,244.16
126	Columns	$118,430.72
127	**Boiler Foundations**	**$133,234.56**
128	Equipment Foundation Demolition to Grade	$133,234.56
129	**Remove Turbine**	**$862,813.60**
130	Remove HP Turbine	$27,188.00
131	Remove IP Turbine	$27,188.00
132	Remove LP Turbine	$27,188.00
133	Remove Generator	$54,376.00
134	Remove Condenser Neck Heat Exchanger	$27,188.00
135	Remove Condenser	$27,188.00
136	Remove Misc. Auxiliary Turbine Equipment	$40,782.00
137	**Turbine Pedestal Demolition to Grade**	**$277,317.60**
138	Top Slab and Beams	$108,752.00
139	Columns	$168,565.60
140	**Remove Turbine Building**	**$354,398.00**
141	Siding and Rooding	$112,340.00
142	All Framing Elevations	$163,128.00
143	Bracing and Girts	$54,376.00
144	Columns	$24,554.00
145	**Phase 3 Demolition**	**$236,220.80**
146	**Yard Demolition**	**$236,220.80**

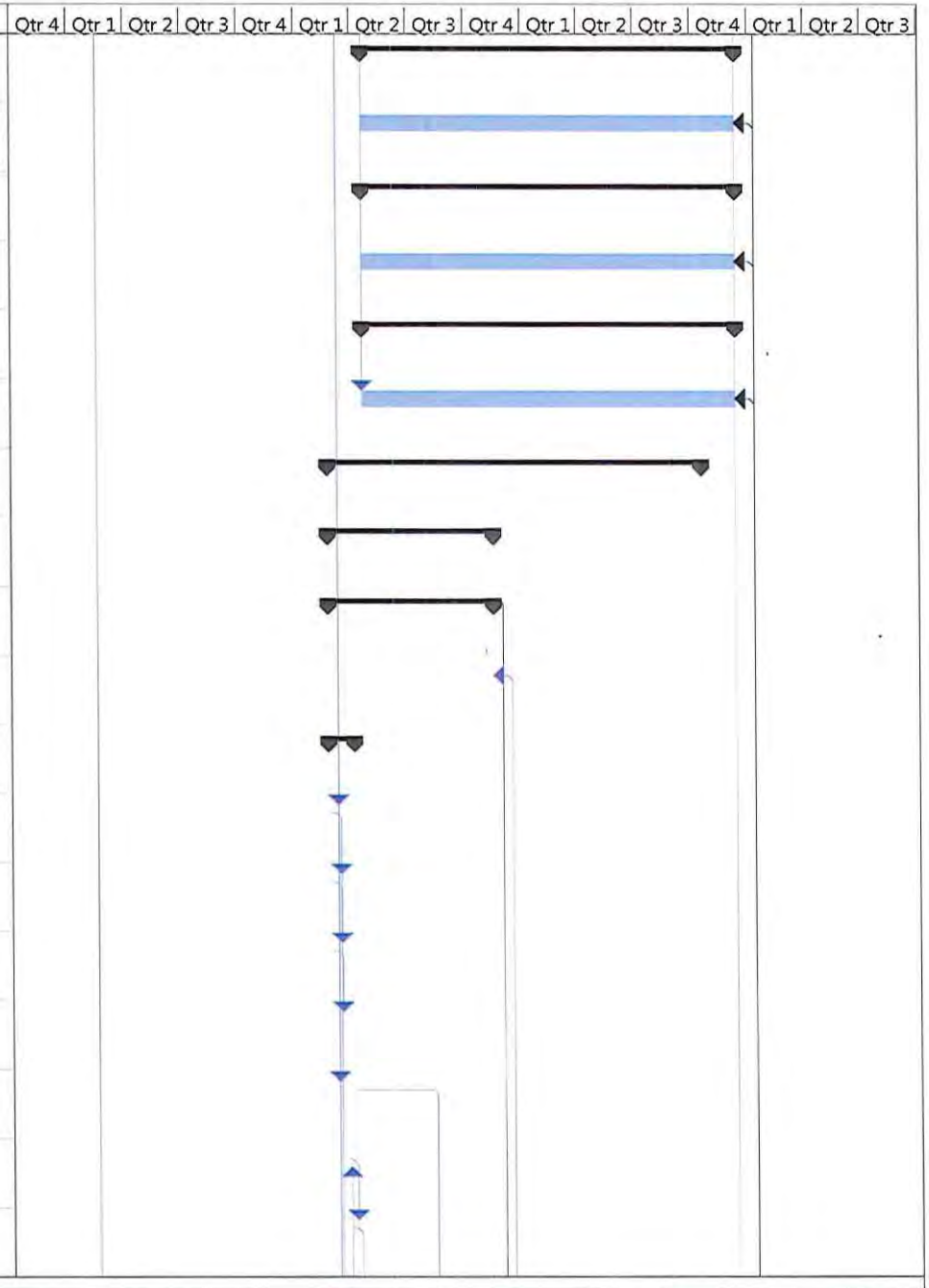
La Cygne Unit 2 Dismantlement

ID	Task Name	Cost
147	Remove Circulating Water Pumps, Screens and Intake Auxiliaries	$18,504.80
148	**Remove Ash Handling Equipment and Piping**	**$46,262.00**
149	Remove Fly Ash Storage Silo 2A	$18,504.80
150	Remove Dewatering Bin 2A and 2B	$9,252.40
151	Remove Piping and Misc. Equipment	$18,504.80
152	**Remove Fuel Yard Equipment**	**$83,271.60**
153	Remove Crushers 2A, 2B and Surge Bin	$27,757.20
154	Remove Conveyor 206	$18,504.80
155	Remove Conveyor 207	$18,504.80
156	Remove Conveyor 2A	$18,504.80
157	Remove Laydown Equipment and Warehoused Equipment	$18,504.80
158	Remove Unit 2 Condensate Storage Tank and Pump	$4,910.80
159	Remove Unit 2 Make-Up Water Storage Tank	$9,252.40
160	Remove Unit 2 Water Pre-Treatment Equipment and Building	$55,514.40
161	**Stack Demolition**	**$4,000,000.00**
162	Stack Demolition	$4,000,000.00
163	**Project Close-Out**	**$69,510.40**
164	Project Close-Out Activities	$69,510.40

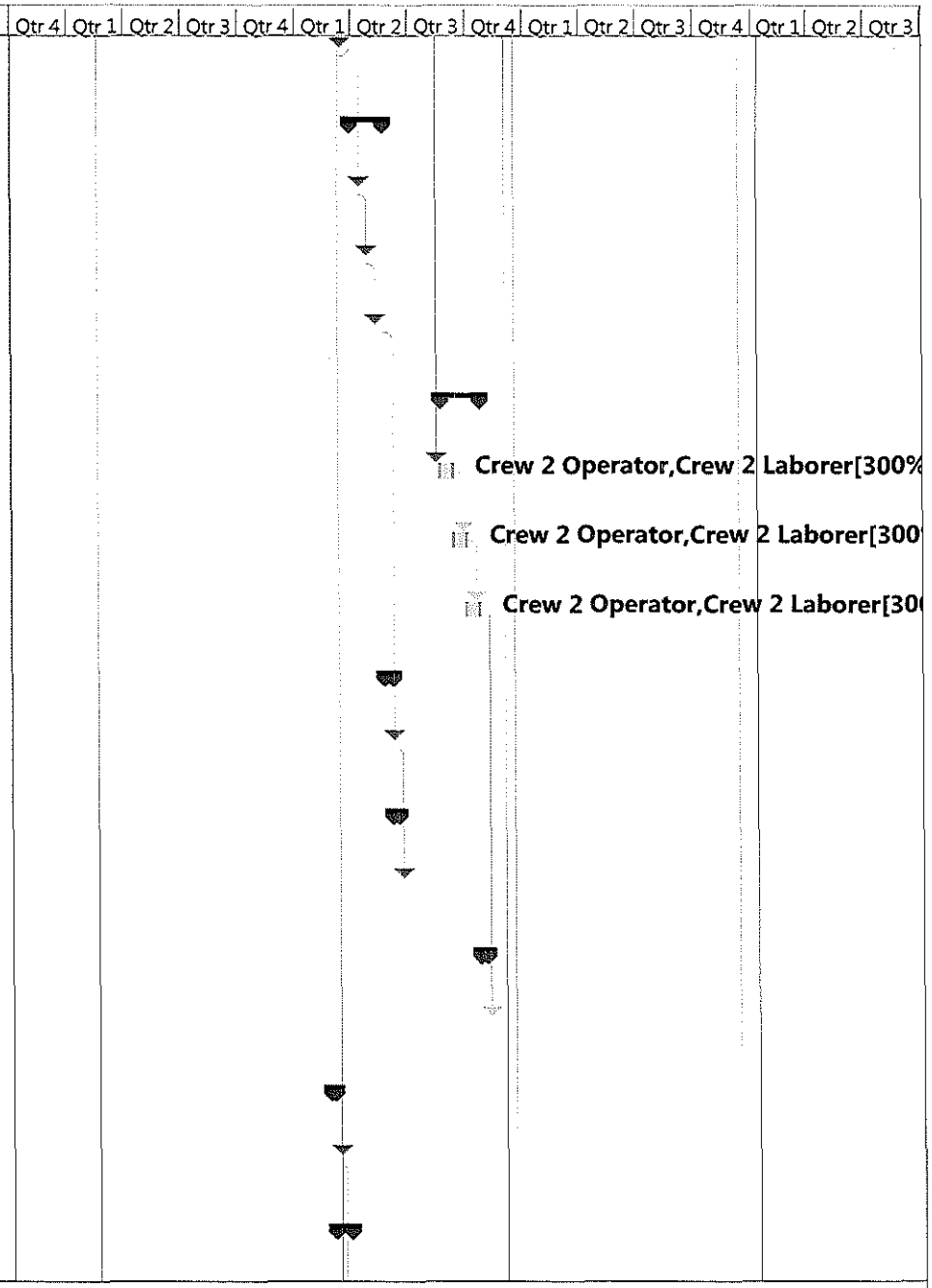
ID	Task Name	Duration
0	**La Cygne Unit 2 Dismantlement**	**735 days**
1	**La Cygne Unit 2 Dismantlement**	**735 days**
2	**Pre-Dismantlement Activities**	**265 days**
3	Detailed Planning & Hire Owner's Engineer	3 mons
4	Detailed Site Characterization Study	130 days
5	Hire Demolition General Contractor	3 mons
6	KCP&L Prepares Unit for Dismantlement	2 wks
7	Demolition Contractor Mobilizes on Site	5 days
8	**KCP&L Overhead during Dismantlement**	**430 days**
9	KCP&L Project Manager	430 days
10	KCP&L Administrative Support	430 days
11	KCP&L Engineer	430 days
12	Owners Engineer Project Manager	430 days
13	Owners Engineer - Engineer	430 days
14	**Demoliton Contractor Overhead during Dismantlement**	**430 days**
15	Demolition Contractor Project Manager	430 days
16	Demolition Contractor Safety Manager	430 days
17	Demolition Contractor Superintendent	430 days



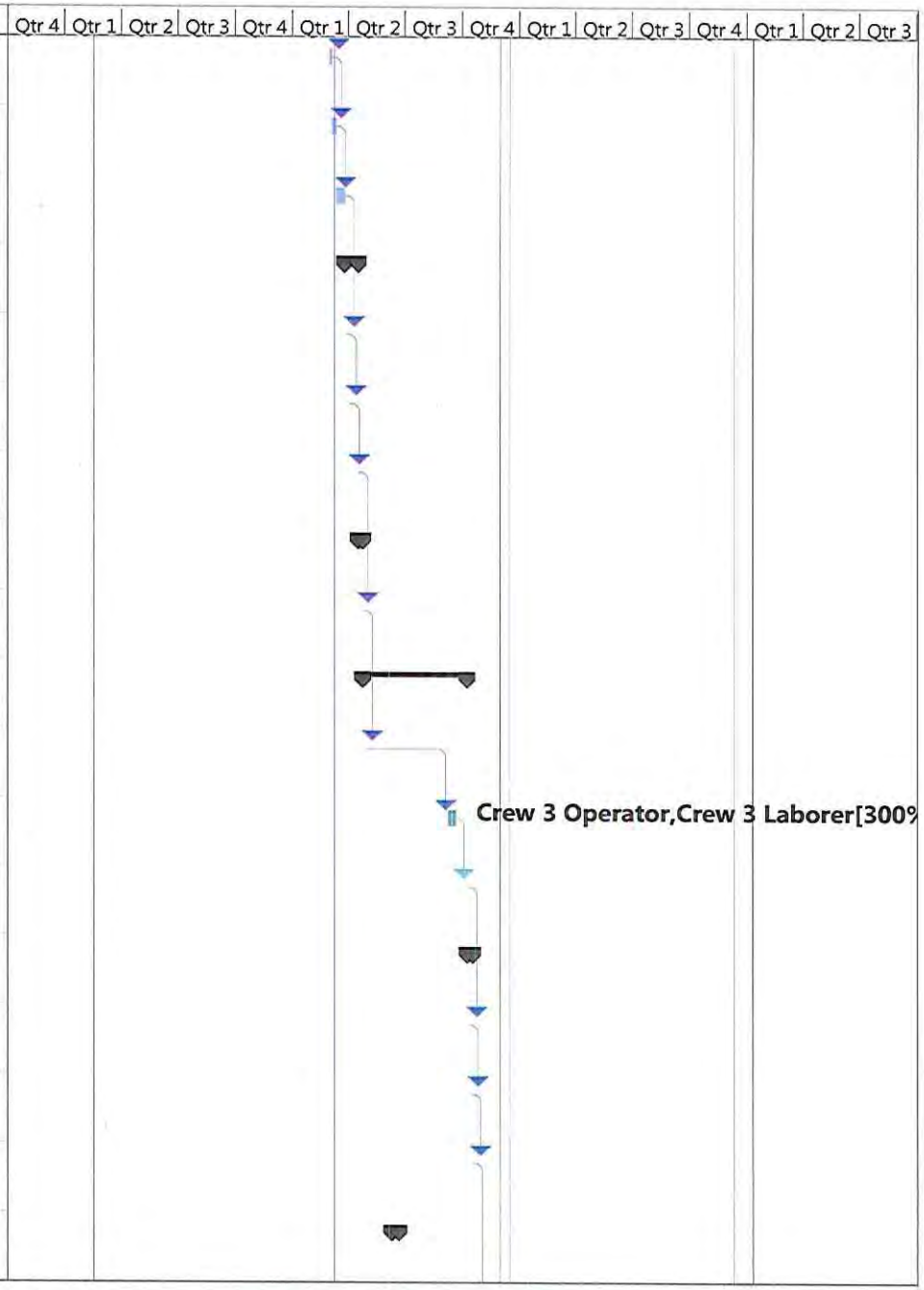
ID	Task Name	Duration
18	**Demolition Contractor Equipment Rental Costs**	**430 days**
19	Equipment Rental	430 days
20	**Demolition Contractor Consummables**	**430 days**
21	Consummables	430 days
22	**Scrap Crew(s)**	**430 days**
23	Crew to Handle Scrap Material(s)	430 days
24	**Dismantlement Directs**	**430 days**
25	**Phase 1 Demolition**	**191 days**
26	**Phase 1 Electrical Demolition**	**191 days**
27	Electrical Demolition of Phase 1 Equipment	191 days
28	**Condensate System**	**30 days**
29	Condensate Pumps	2 days
30	Condensate Transfer Pumps	1 day
31	Cycle Make-Up Pump	1 day
32	Steam Packing Exhauster and Blower	2 days
33	Low Pressure Heaters (except the condenser neck heat exchangers)	30 days
34	Deaerator	8 days
35	Deaerator Storage Tank	5 days



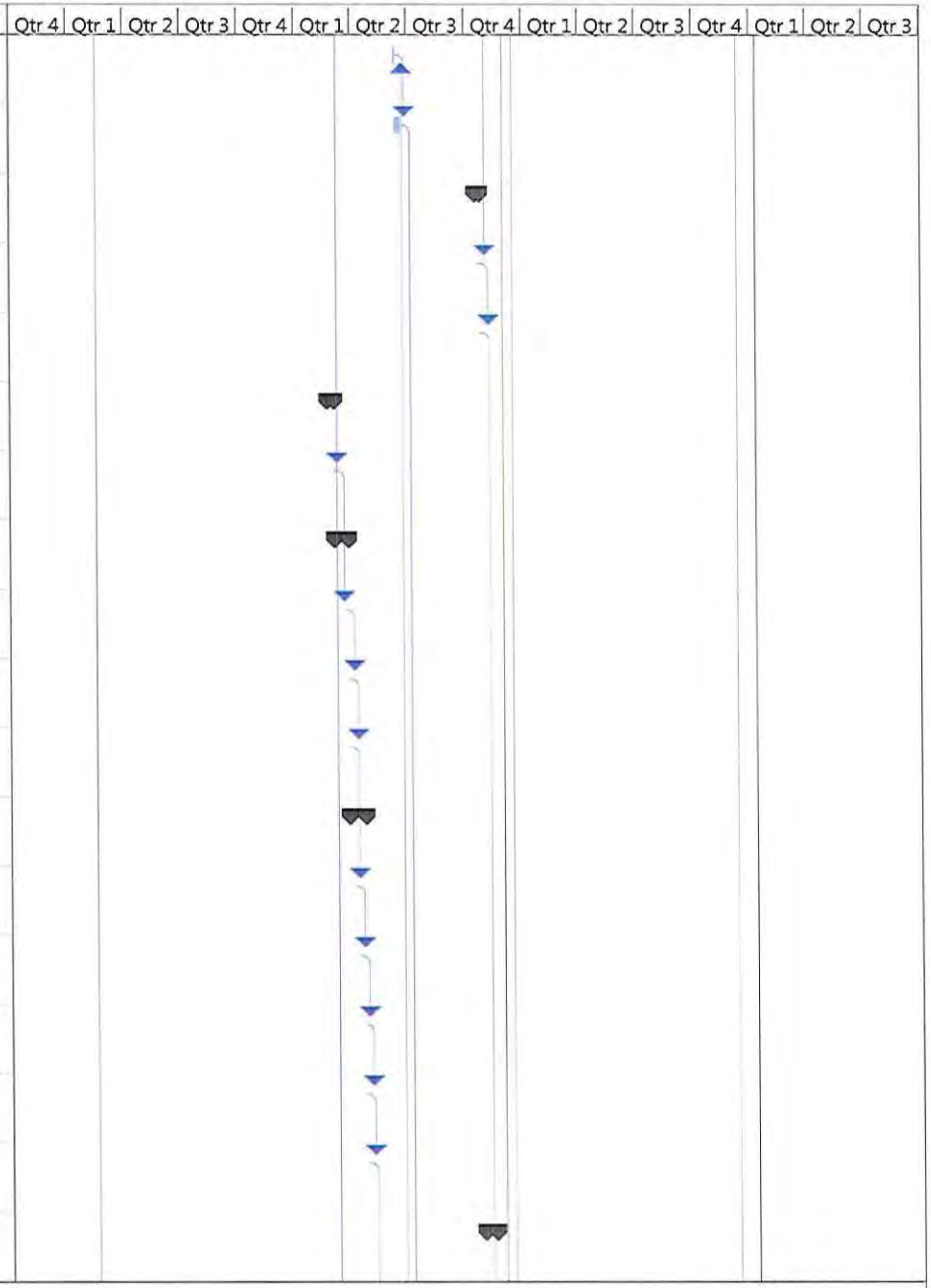
ID	Task Name	Duration
36	Condensate Piping	10 days
37	**Boiler Feed System**	**37 days**
38	Boiler Feed Pump Turbine and Exhaust	7 days
39	Boiler Feed Pump	10 days
40	High Pressure Heaters	20 days
41	**Critical Piping**	**45 days**
42	Main Steam Piping	15 days
43	Cold Reheat Piping	15 days
44	Hot Reheat Piping	15 days
45	**Extraction Steam System**	**10 days**
46	Piping	10 days
47	**Heater Drips**	**8 days**
48	Piping	8 days
49	**Auxiliary Steam**	**9 days**
50	Auxiliary Steam Piping	9 days
51	**Circulating Water (plant side)**	**5 days**
52	Waterboxes	5 days
53	**Bearing Cooling Water**	**17 days**



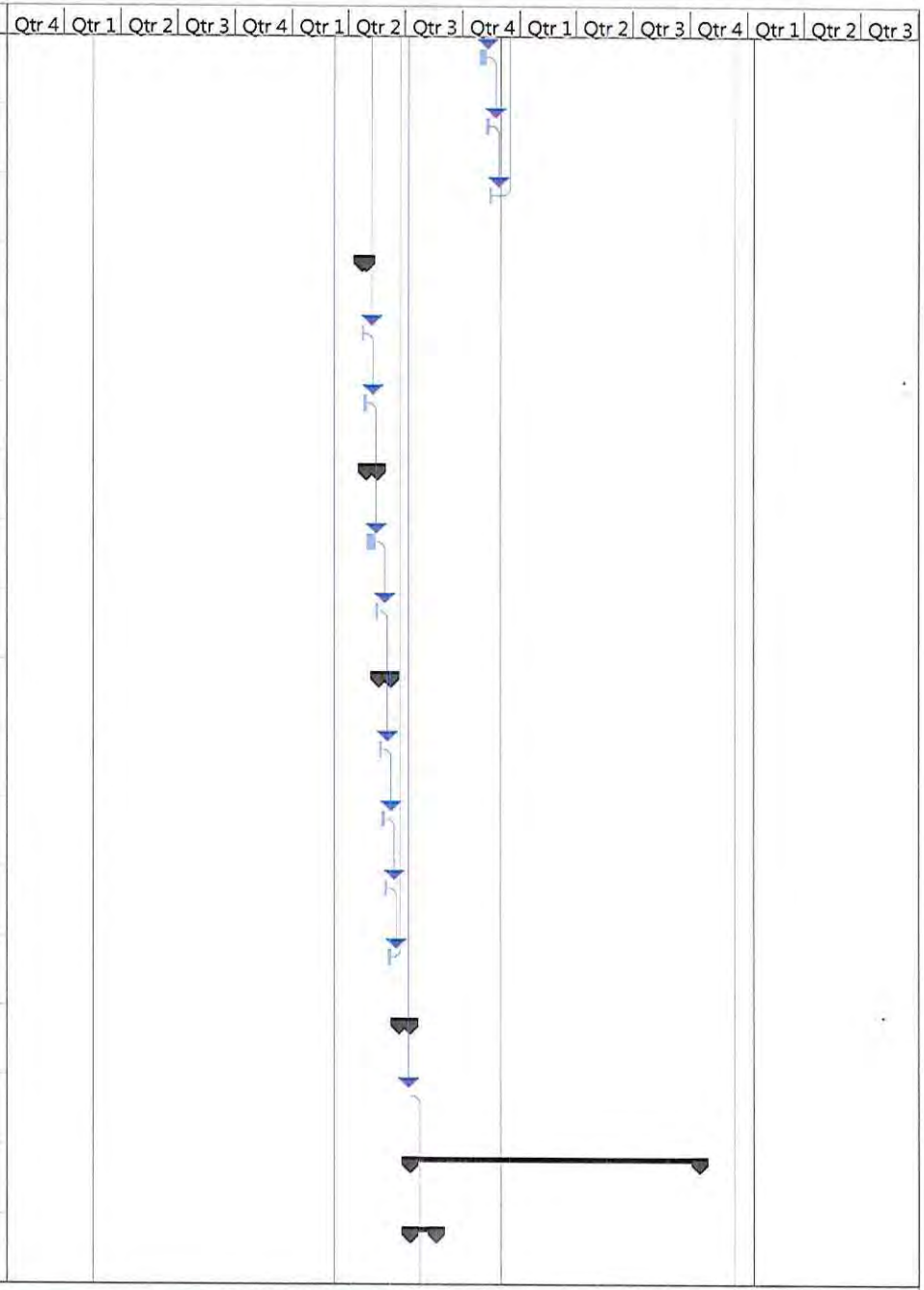
ID	Task Name	Duration
54	Bearing Cooling Water Pumps	2 days
55	Bearing Cooling Water Heat Exchanger	5 days
56	Bearing Cooling Water Piping	10 days
57	**Auxiliary Cooling Water**	**16 days**
58	Auxiliary Cooling Water Heat Exchanger	3 days
59	Auxiliary Cooling Water Pumps	3 days
60	Auxiliary Cooling Water Piping	10 days
61	**Service Water**	**5 days**
62	Service Water Piping	5 days
63	**Fuel Oil System (plant side)**	**120 days**
64	Igniter Fuel Oil Pumps	3 days
65	Igniter Fuel Oil and Atomizing Air Piping	5 days
66	Igniters	15 days
67	**Waste Oil System**	**7 days**
68	Waste Oil Tank	2 days
69	Waste Oil Transfer Pump	2 days
70	Waste Oil Piping	3 days
71	**Air Preheat System**	**9 days**



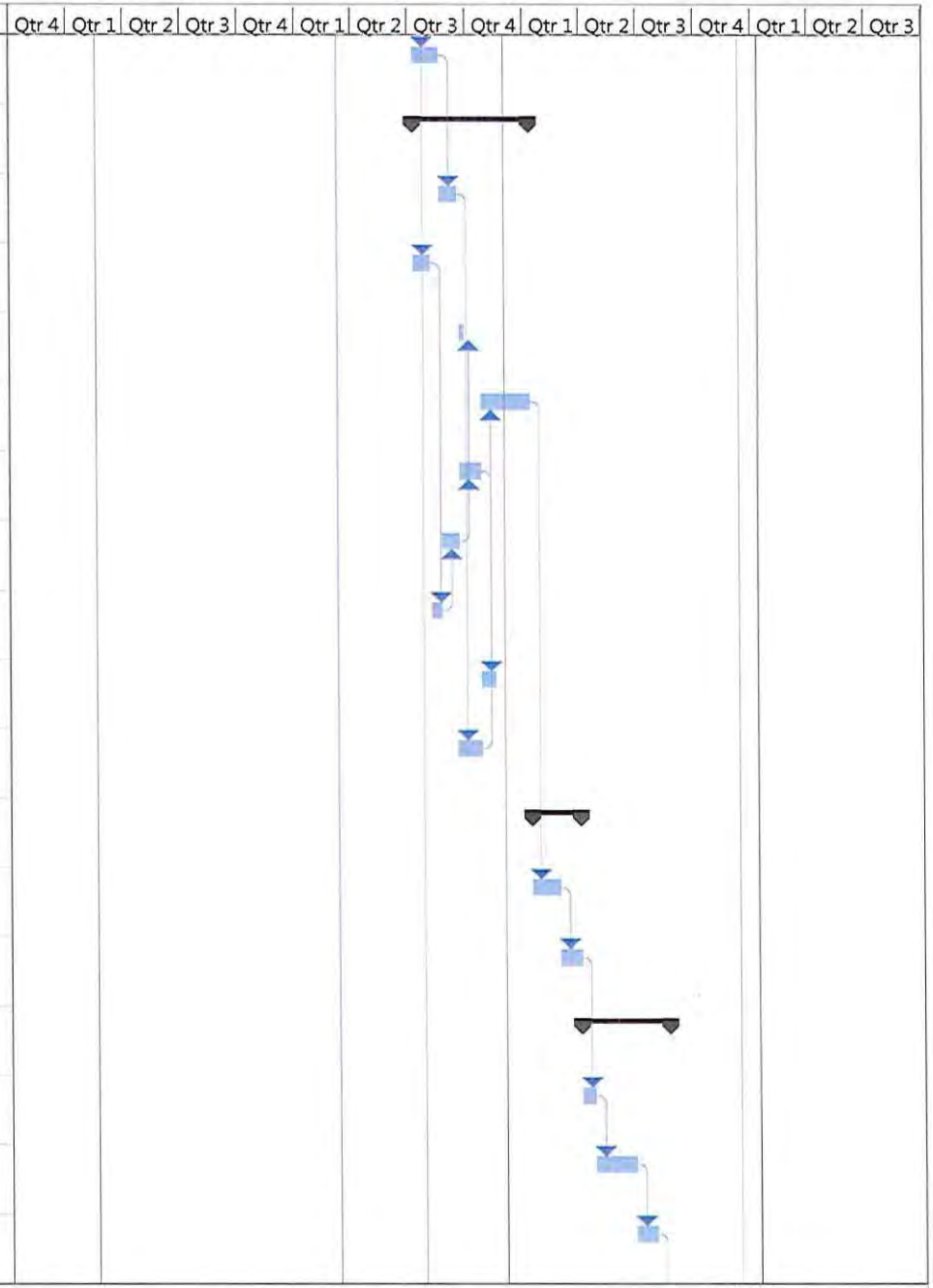
ID	Task Name	Duration
72	Air Preheat Pumps	2 days
73	Air Preheat Piping	7 days
74	**Condenser Air Extraction System**	**6 days**
75	Vacuum Pumps	4 days
76	Extraction Piping	2 days
77	**Turbine Seals and Drains**	**7 days**
78	Piping	7 days
79	**Turbine Lube Oil System**	**17 days**
80	Turbine Lube Oil Tank	12 days
81	Turbine Lube Oil Pumps	4 days
82	Turbine Oil Mist Eliminator	1 day
83	**Generator Auxiliary Systems**	**18 days**
84	Hydrogen Cooler Skid and Piping	5 days
85	Stator Cooling Water Skid and Piping	5 days
86	Isophase Bus Duct	4 days
87	Exciter Heat Exchanger	2 days
88	EHC Coolers	2 days
89	**Chemical Feed Systems**	**15 days**



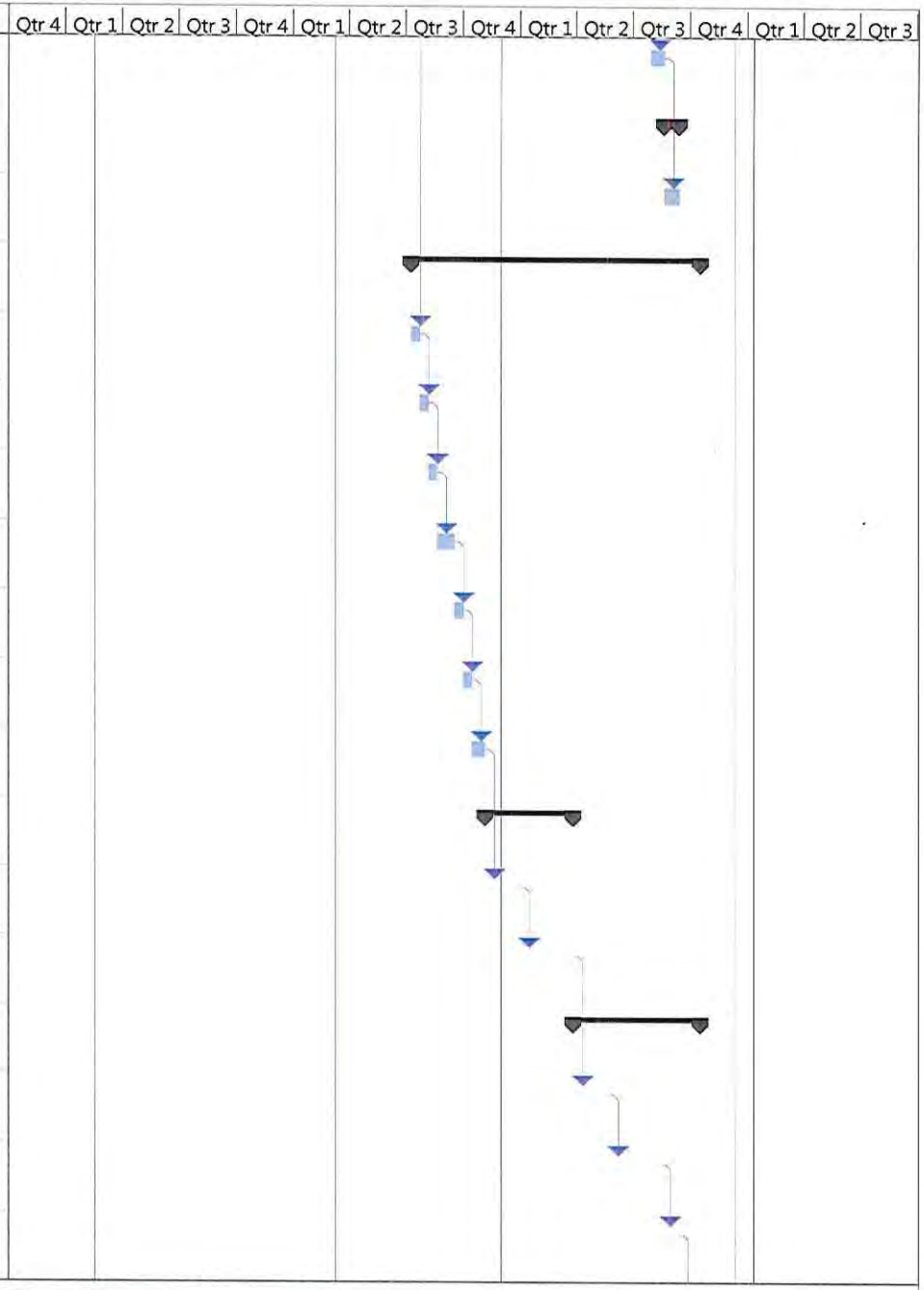
ID	Task Name	Duration
90	Tanks	9 days
91	Pumps	3 days
92	Piping	3 days
93	**Sampling Systems**	**5 days**
94	Field Mounted Heat Exchangers	2 days
95	Piping	3 days
96	**Building Heating Systems**	**14 days**
97	Steam Unit Heaters	10 days
98	Steam Piping	4 days
99	**Compressed Air System**	**15 days**
100	Air Compressors	4 days
101	Air Drying Equipment	3 days
102	Air Reciever Tanks	3 days
103	Compressed Air Piping	5 days
104	**Miscellaneous Equipment**	**12 days**
105	Miscellaneous Equipment (including Fire Protection)	12 days
106	**Phase 2 Demolition**	**333 days**
107	**Precipitator**	**30 days**



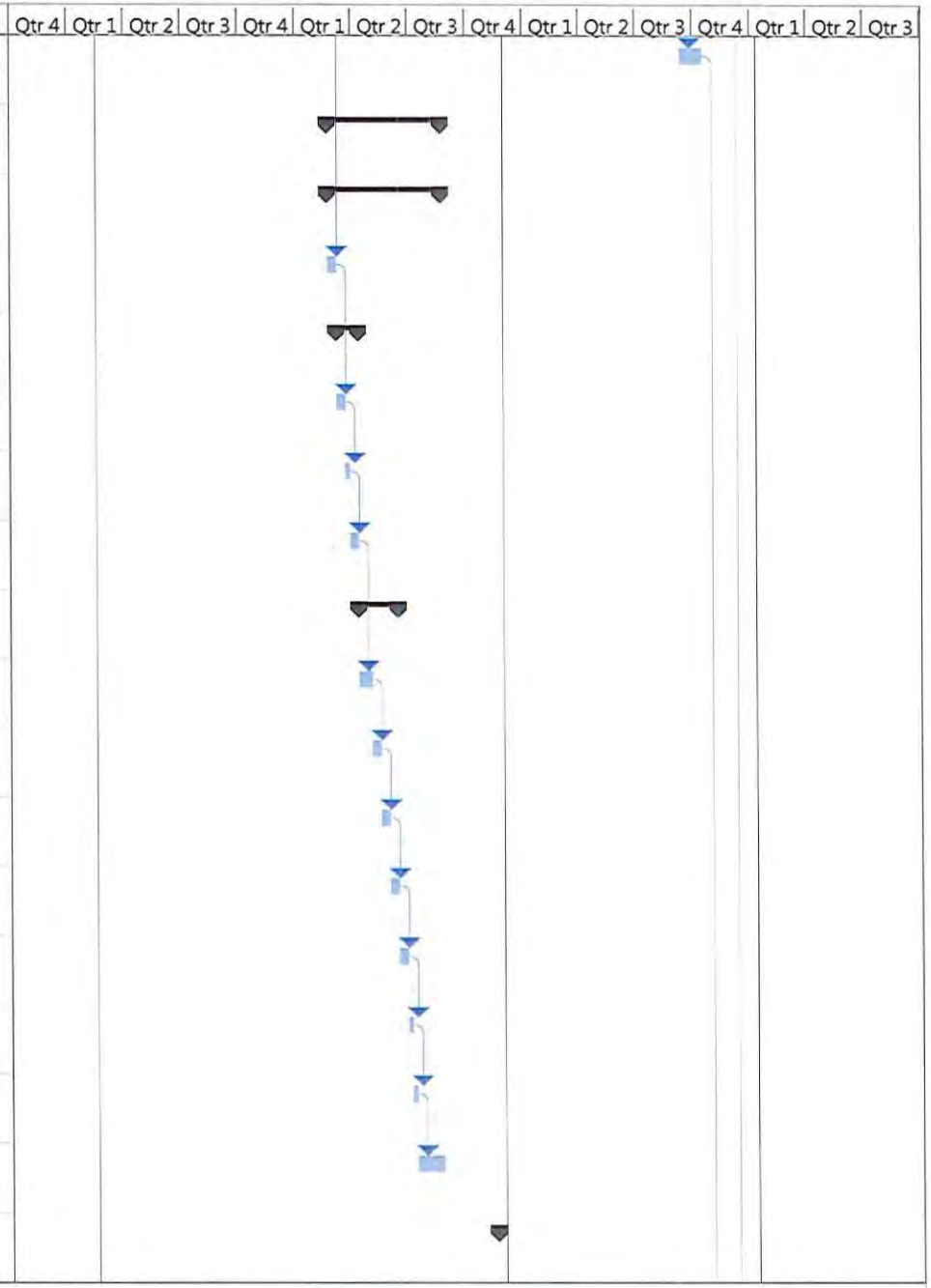
ID	Task Name	Duration
108	Remove Precipitator	30 days
109	**Boiler Equipment**	**134 days**
110	Fans	20 days
111	Pulverizers	20 days
112	Bottom Ash	6 days
113	Air Heater	56 days
114	Steam Drum	25 days
115	Coal Bunkers	20 days
116	Coal Feeders	13 days
117	Soot Blowers	16 days
118	Ductwork	28 days
119	**Boiler Removal**	**56 days**
120	Furnace	32 days
121	Back Pass	24 days
122	**Boiler Steel Framing**	**101 days**
123	Hanger Girders at Top	15 days
124	All Other Framing	47 days
125	Bracing and Girts	23 days



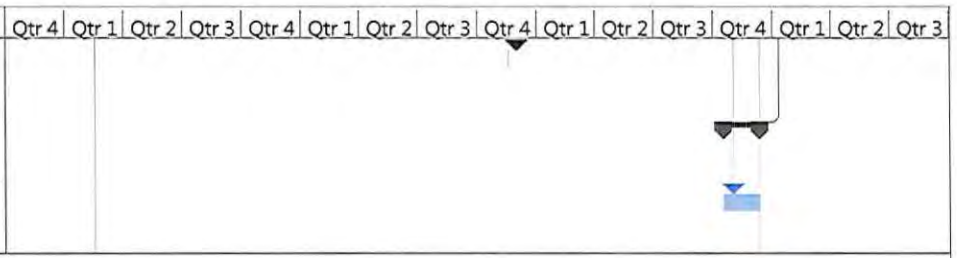
ID	Task Name	Duration
126	Columns	16 days
127	**Boiler Foundations**	**18 days**
128	Equipment Foundation Demolition to Grade	18 days
129	**Remove Turbine**	**333 days**
130	Remove HP Turbine	10 days
131	Remove IP Turbine	10 days
132	Remove LP Turbine	10 days
133	Remove Generator	20 days
134	Remove Condenser Neck Heat Exchanger	10 days
135	Remove Condenser	10 days
136	Remove Misc. Auxiliary Turbine Equipment	15 days
137	**Turbine Pedestal Demolition to Grade**	**102 days**
138	Top Slab and Beams	40 days
139	Columns	62 days
140	**Remove Turbine Building**	**146 days**
141	Siding and Rooding	41 days
142	All Framing Elevations	60 days
143	Bracing and Girts	20 days



ID	Task Name	Duration
144	Columns	25 days
145	**Phase 3 Demolition**	**130 days**
146	**Yard Demolition**	**130 days**
147	Remove Circulating Water Pumps, Screens and Intake Auxiliaries	10 days
148	**Remove Ash Handling Equipment and Piping**	**25 days**
149	Remove Fly Ash Storage Silo 2A	10 days
150	Remove Dewatering Bin 2A and 2B	5 days
151	Remove Piping and Misc. Equipment	10 days
152	**Remove Fuel Yard Equipment**	**45 days**
153	Remove Crushers 2A, 2B and Surge Bin	15 days
154	Remove Conveyor 206	10 days
155	Remove Conveyor 207	10 days
156	Remove Conveyor 2A	10 days
157	Remove Laydown Equipment and Warehoused Equipment	10 days
158	Remove Unit 2 Condensate Storage Tank and Pump	5 days
159	Remove Unit 2 Make-Up Water Storage Tank	5 days
160	Remove Unit 2 Water Pre-Treatment Equipment and Building	30 days
161	**Stack Demolition**	**1 day**



ID	Task Name	Duration
162	Stack Demolition	1 day
163	**Project Close-Out**	**40 days**
164	Project Close-Out Activities	40 days



La Cygne Unit 2 AQCS Dismantlement

ID	Task Name	Cost
0	**La Cygne Unit 2 AQCS Dismantlement**	**$4,760,227.56**
1	**La Cygne Unit 2 AQCS Dismantlement**	**$4,760,227.56**
2	**Common Removal Overheads**	**$367,218.00**
3	Added Overhead Staff for Common Removals	$367,218.00
4	**Scrap Crew**	**$638,415.60**
5	Crew(s) to Handle Scrap Material	$638,415.60
6	**Demolition Contractor Consummables**	**$1,307,439.60**
7	Consummables	$1,307,439.60
8	**Demolition Contractor Equipment Rental Costs**	**$1,310,503.20**
9	Equipment Rental	$1,310,503.20
10	**Dismantlement**	**$1,136,651.16**
11	**Initial Structural**	**$134,621.84**
12	Remove SCR box & ductwork lagging & insulation	$18,504.80
13	Remove SCR expansion joints	$11,102.88
14	Remove ductwork lagging & insulation	$8,220.00
15	Remove ductwork expansion joints	$18,504.80
16	Remove ductwork access platforms & ladders	$18,504.80
17	Remove FF lagging, insulation, wall panel, & roof panels	$37,009.60
18	Remove ID fan lagging & insulation	$7,401.92
19	Removal all HVAC equipment located on FGD Bldg roof	$5,551.44
20	Remove FGD Bldg lagging, insulation, wall panel, & roof	$9,821.60
21	**General Electric**	**$239,058.56**
22	Remove Unit 2 Air Quality Control Equipment Transformer	$6,895.92
23	Remove breakers serving all FF equipment	$1,149.32
24	Remove breakers serving all FGD equipment	$2,298.64
25	Remove breakers serving all ID fan equipment	$1,149.32
26	Remove breakers serving all SCR equipment	$1,149.32
27	Remove breakers serving all comp air equipment	$1,149.32
28	Remove all ductwork primary instrumentation, controls & assoc'd cables, and	$11,493.20
29	Remove all FGD primary instrumentation, controls & assoc'd cables, and cond	$34,479.60
30	Remove all FF primary instrumentation, controls & assoc'd cables, and condui	$22,986.40
31	Remove SCR primary instrumentation, controls, & assoc'd cable & conduit	$11,493.20
32	Remove NH3 supply primary instrumentation, controls, & assoc'd cable & con	$11,493.20
33	Remove wiring and conduit serving FGD equipment, HVAC, lighting and conve	$45,972.80
34	Remove wiring and conduit serving FF equipment, HVAC, lighting and conveni	$22,986.40
35	Remove wiring and conduit serving the ID fans and assoc'd equipment	$27,583.68
36	Remove wiring & conduit serving SCR vaporization & injection equipment	$6,895.92
37	Remove wiring & conduit serving compressed air equipment	$6,895.92
38	Remove electrial control cabinets & switchgear	$22,986.40
39	**FGD System**	**$281,065.32**
40	Remove ductwork between FGD module and chimney	$8,220.00
41	Remove support steel and access platforms between FGD and chimney	$5,551.44
42	Remove all mechanical equipment, pumps, and motors and tanks in FGD Bldg	$37,009.60
43	Remove oxi air blowers	$925.24
44	Remove all FGD piping & valves other than recirc piping	$27,757.20
45	Remove ox air lines	$5,551.44
46	Remove FGD MEs panels	$9,864.00
47	Remove FGD outlet duct and top cone	$5,551.44
48	Remove FGD internal wash ME piping and ME supports	$5,551.44

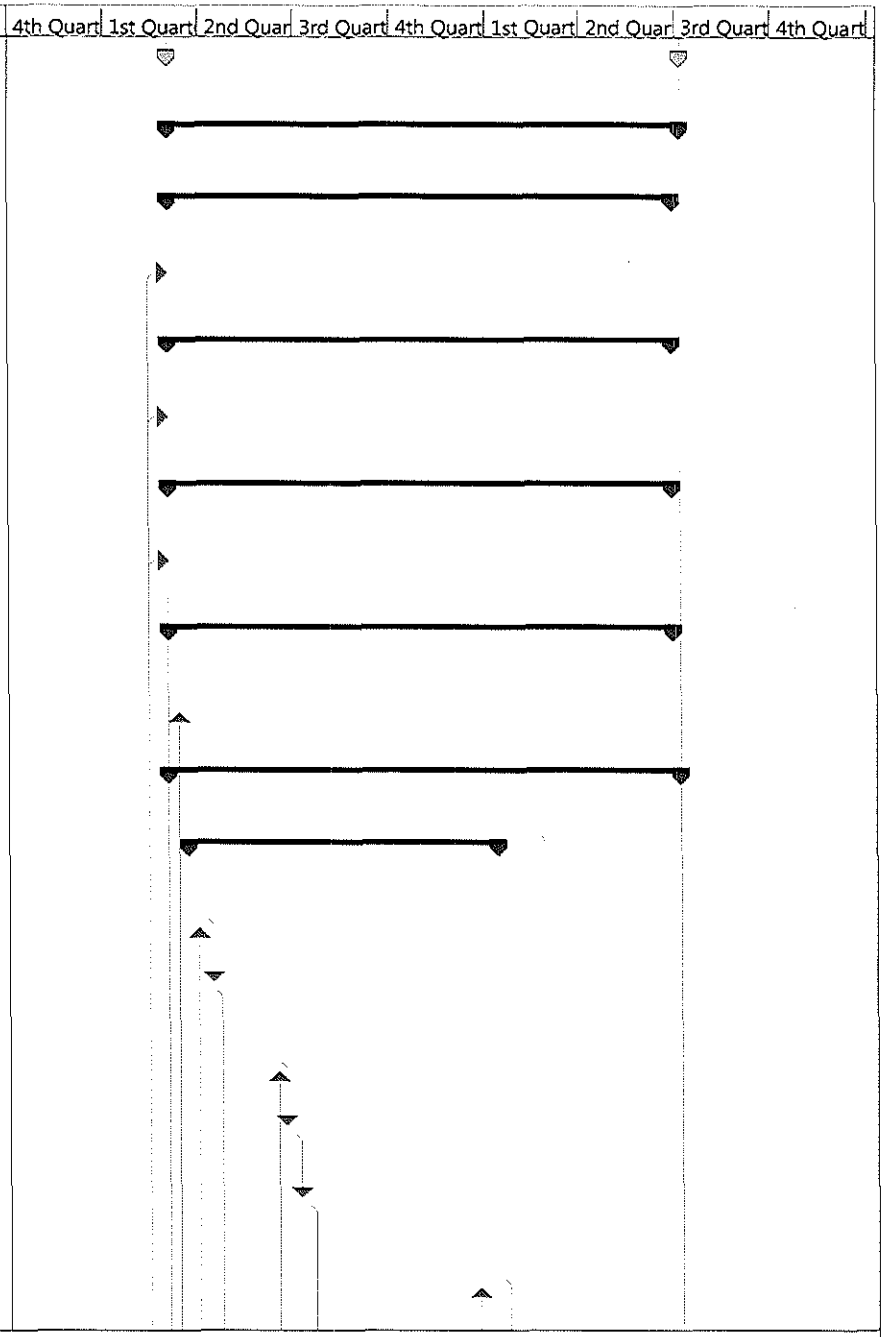
La Cygne Unit 2 AQCS Dismantlement

ID	Task Name	Cost
49	Remove FGD internal spray header piping	$9,252.40
50	Remove FGD support steel, access provisions, stair tower, and recirc piping fr	$37,009.60
51	Remove FGD module walls	$74,019.20
52	Remove FGD inlet duct	$5,551.44
53	Remove FGD reaction tank walls and floor	$18,504.80
54	Remove FGD Bldg trench floor grating	$3,700.96
55	Remove Unit 2 Sorbent Injection System Silo	$7,401.92
56	Remove Unit 2 Sorbent Injection Equipment and Injection Blower Building	$9,252.40
57	Remove Unit 2 Mercury Reduction System Silo	$10,390.80
58	**ID Fans**	**$81,421.12**
59	Remove ductwork between ID fan outlets and FGD module	$12,953.36
60	Remove support steel and access platforms between ID fan outlets and FGD n	$5,551.44
61	Remove ductwork between FF outlet and ID fan inlets	$12,953.36
62	Remove support steel between FF outlet and ID fan inlets	$5,551.44
63	Removed ID fan isolation dampers	$14,803.84
64	Removed ID fan drive motor	$7,401.92
65	Remove ID fan seal air system	$7,401.92
66	Remove fan casing & rotor	$14,803.84
67	**Fabric Filters**	**$324,614.64**
68	Remove ductwork between air heater and FF	$9,252.40
69	Remove ductwork structural steel between AH and FF	$5,551.44
70	Remove FF penthouse hoists and trolleys	$7,401.92
71	Remove FF hopper heaters, HVAC, lighting and convenience outlets	$22,986.40
72	Remove FF ash handling piping	$27,757.20
73	Remove compress air blower, dryers, and receivers, piping & valves	$18,504.80
74	Remove FF penthouse roof panels supporting steel	$18,504.80
75	Remove FF compartment roof hatches	$5,551.44
76	Remove FF compartment pulse air piping	$5,551.44
77	Remove FF compartment pulse air and compressed air supply piping	$11,102.88
78	Remove FF outlet poppet damper operators	$12,953.36
79	Remove FF bags & cages	$25,906.72
80	Remove FF bag support sheets	$25,906.72
81	Remove remaining FF roof	$7,401.92
82	Remove FF outlet dampers	$7,401.92
83	Remove ductwork between air heater and FF	$9,252.40
84	Remove FF wall panels to hopper level	$51,813.44
85	Remove ductwork structural steel between AH and FF	$5,551.44
86	Remove FF stair tower(s)	$18,504.80
87	Remove FF inlet dampers	$7,401.92
88	Remove FF hoppers	$12,953.36
89	Remove FF support steel	$7,401.92
90	**SCR and Ammonia Supply**	**$75,869.68**
91	Vacuum SCR catalyst	$3,700.96
92	Remove SCR catalyst	$16,654.32
93	Remove ammonia injection grid	$3,700.96
94	Remove NH3 piping between storage & injection	$3,700.96
95	Remove air horn air receiver & supply piping	$3,700.96
96	Remove SCR guillotine dampers	$7,401.92
97	Remove SCr muliti-louver dampers	$3,700.96

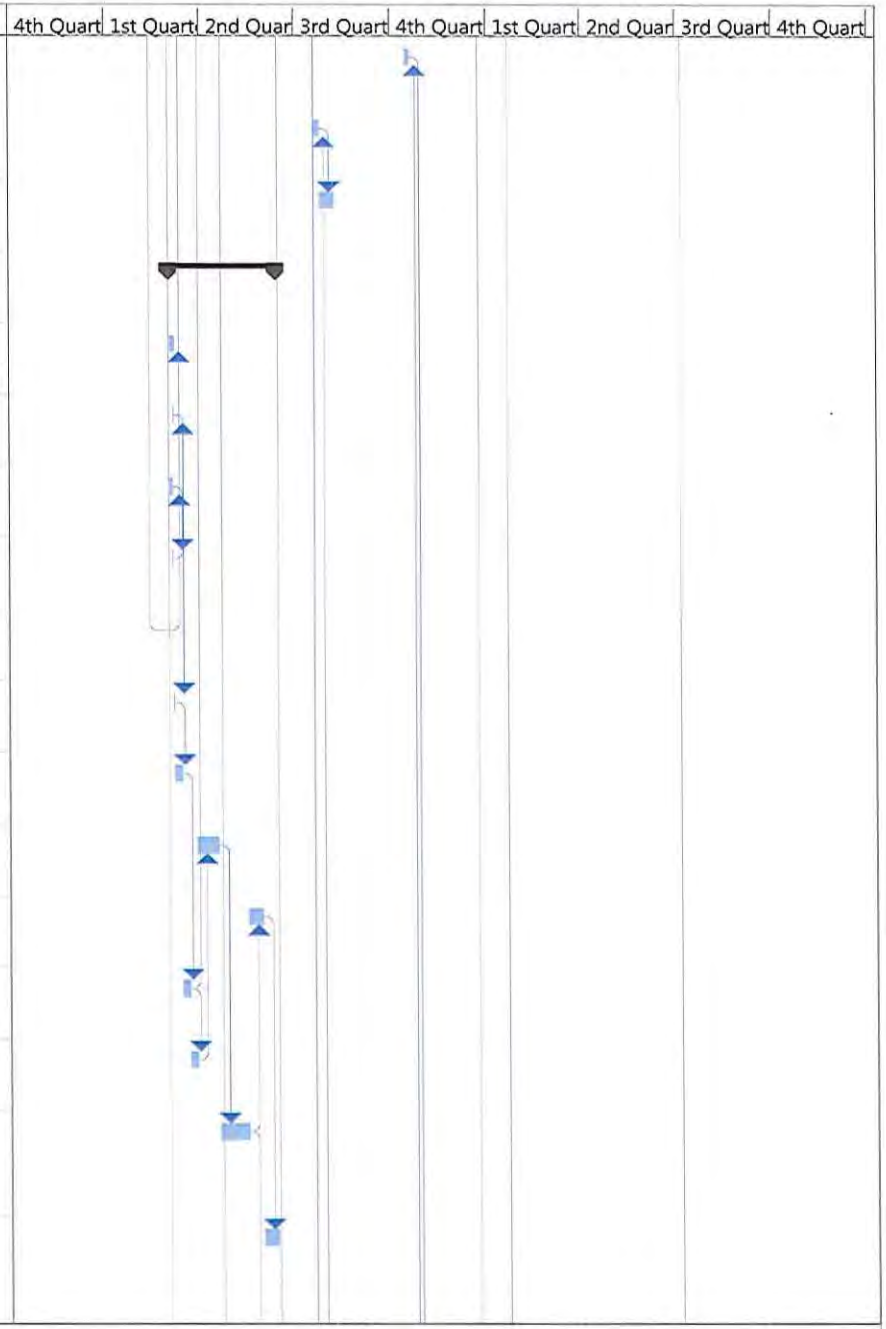
La Cygne Unit 2 AQCS Dismantlement

ID	Task Name	Cost
98	Remove SCR box, internal supports, & assoc'd ductwork	$27,757.20
99	Remove NH3 piping between storage & vaporizors	$5,551.44

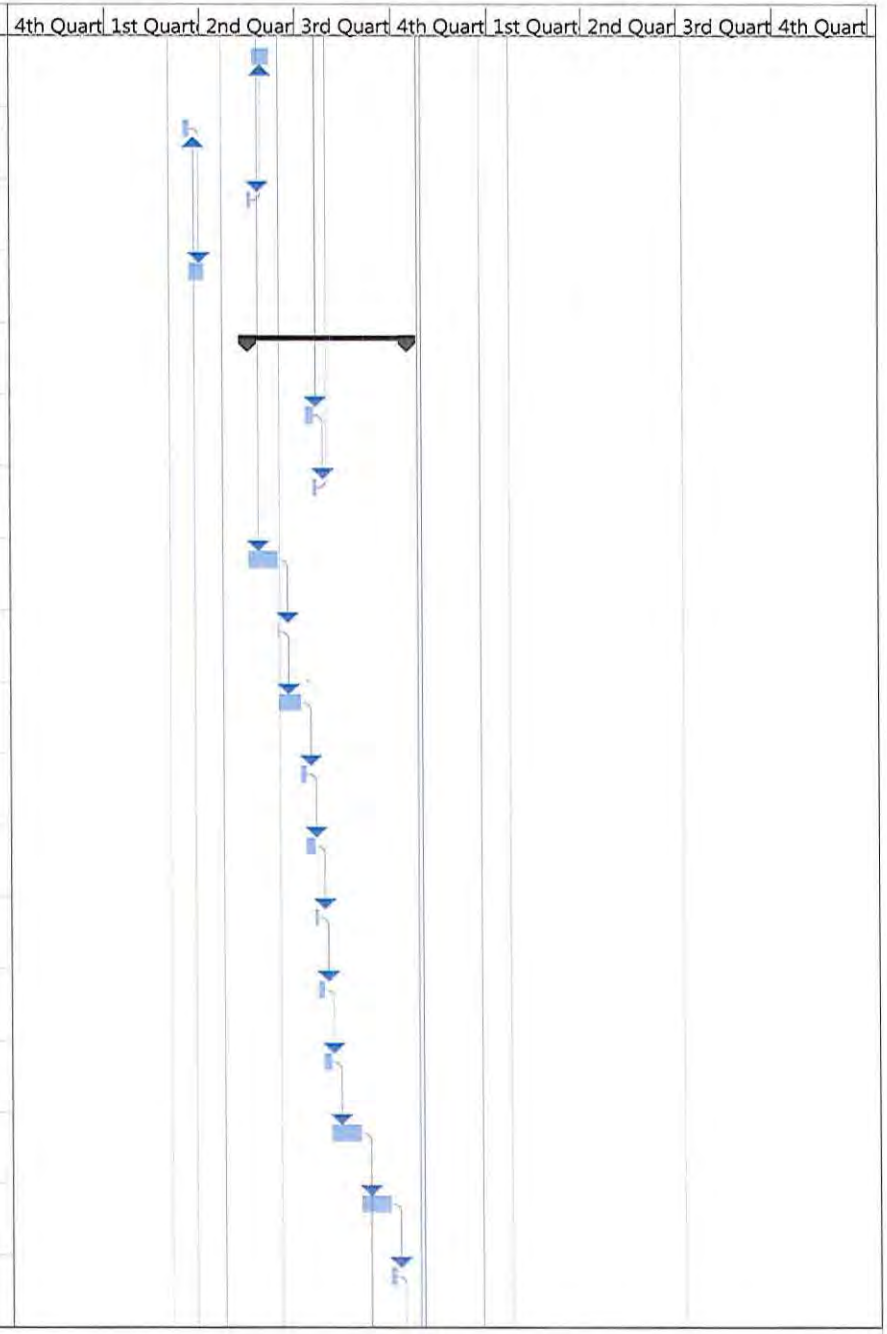
ID	Task Name	Duration
0	**La Cygne Unit 2 AQCS Dismantlement**	**350.5 days**
1	**La Cygne Unit 2 AQCS Dismantlement**	**350.5 days**
2	**Common Removal Overheads**	**345 days**
3	Added Overhead Staff for Common Removals	345 days
4	**Scrap Crew**	**345 days**
5	Crew(s) to Handle Scrap Material	345 days
6	**Demolition Contractor Consummables**	**345 days**
7	Consummables	345 days
8	**Demolition Contractor Equipment Rental Costs**	**345 days**
9	Equipment Rental	345 days
10	**Dismantlement**	**350.5 days**
11	**Initial Structural**	**212.5 days**
12	Remove SCR box & ductwork lagging & insulation	10 days
13	Remove SCR expansion joints	6 days
14	Remove ductwork lagging & insulation	5 days
15	Remove ductwork expansion joints	10 days
16	Remove ductwork access platforms & ladders	10 days
17	Remove FF lagging, insulation, wall panel, & roof panels	20 days



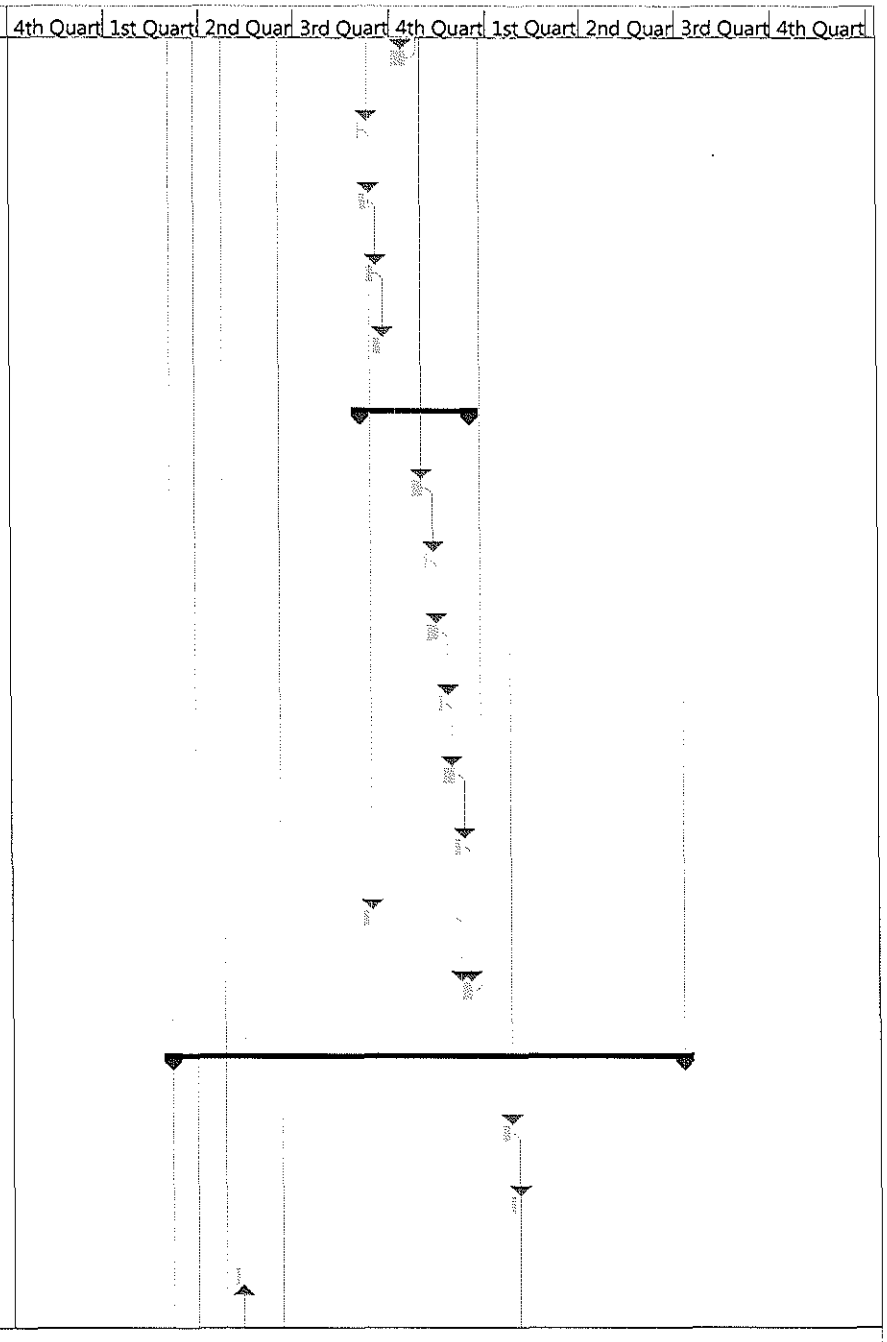
ID	Task Name	Duration
18	Remove ID fan lagging & insulation	4 days
19	Removal all HVAC equipment located on FGD Bldg roof	3 days
20	Remove FGD Bldg lagging, insulation, wall panel, & roof	10 days
21	**General Electric**	**73 days**
22	Remove Unit 2 Air Quality Control Equipment Transformer	3 days
23	Remove breakers serving all FF equipment	0.5 days
24	Remove breakers serving all FGD equipment	1 day
25	Remove breakers serving all ID fan equipment	0.5 days
26	Remove breakers serving all SCR equipment	0.5 days
27	Remove breakers serving all comp air equipment	0.5 days
28	Remove all ductwork primary instrumentation, controls & assoc'd cables, and conduit	5 days
29	Remove all FGD primary instrumentation, controls & assoc'd cables, and conduit	15 days
30	Remove all FF primary instrumentation, controls & assoc'd cables, and conduit	10 days
31	Remove SCR primary instrumentation, controls, & assoc'd cable & conduit	5 days
32	Remove NH3 supply primary instrumentation, controls, & assoc'd cable & conduit	5 days
33	Remove wiring and conduit serving FGD equipment, HVAC, lighting and convenience outlets	20 days
34	Remove wiring and conduit serving FF equipment, HVAC, lighting and convenience outlets	10 days



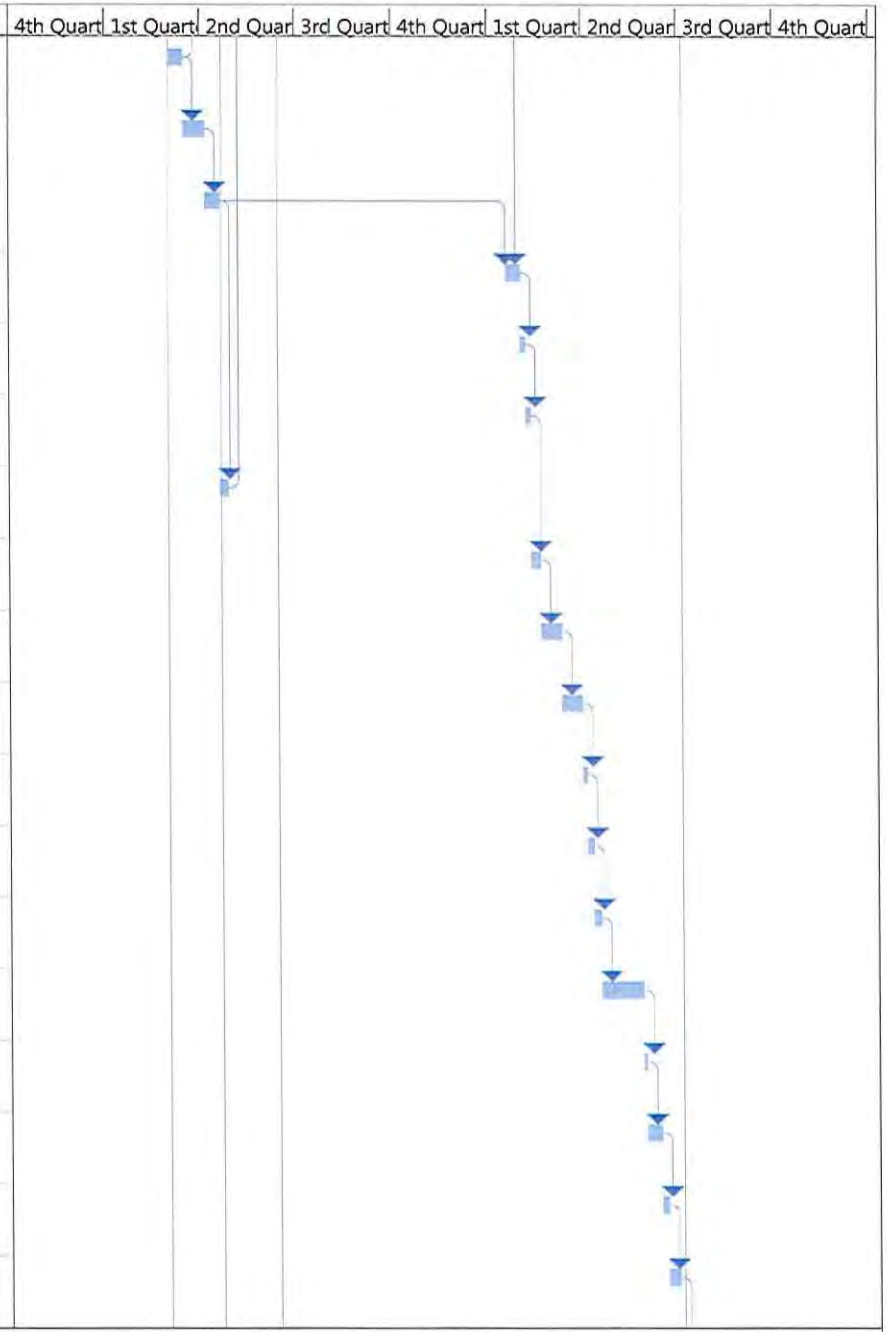
ID	Task Name	Duration
35	Remove wiring and conduit serving the ID fans and assoc'd equipment	12 days
36	Remove wiring & conduit serving SCR vaporization & injection equipment	3 days
37	Remove wiring & conduit serving compressed air equipment	3 days
38	Remove electrial control cabinets & switchgear	10 days
39	**FGD System**	**108.5 days**
40	Remove ductwork between FGD module and chimney	5 days
41	Remove support steel and access platforms between FGD and chimney	3 days
42	Remove all mechanical equipment, pumps, and motors and tanks in FGD Bldg	20 days
43	Remove oxi air blowers	0.5 days
44	Remove all FGD piping & valves other than recirc piping	15 days
45	Remove ox air lines	3 days
46	Remove FGD MEs panels	6 days
47	Remove FGD outlet duct and top cone	3 days
48	Remove FGD internal wash ME piping and ME supports	3 days
49	Remove FGD internal spray header piping	5 days
50	Remove FGD support steel, access provisions, stair tower, and recirc piping from top down	20 days
51	Remove FGD module walls	20 days
52	Remove FGD inlet duct	3 days



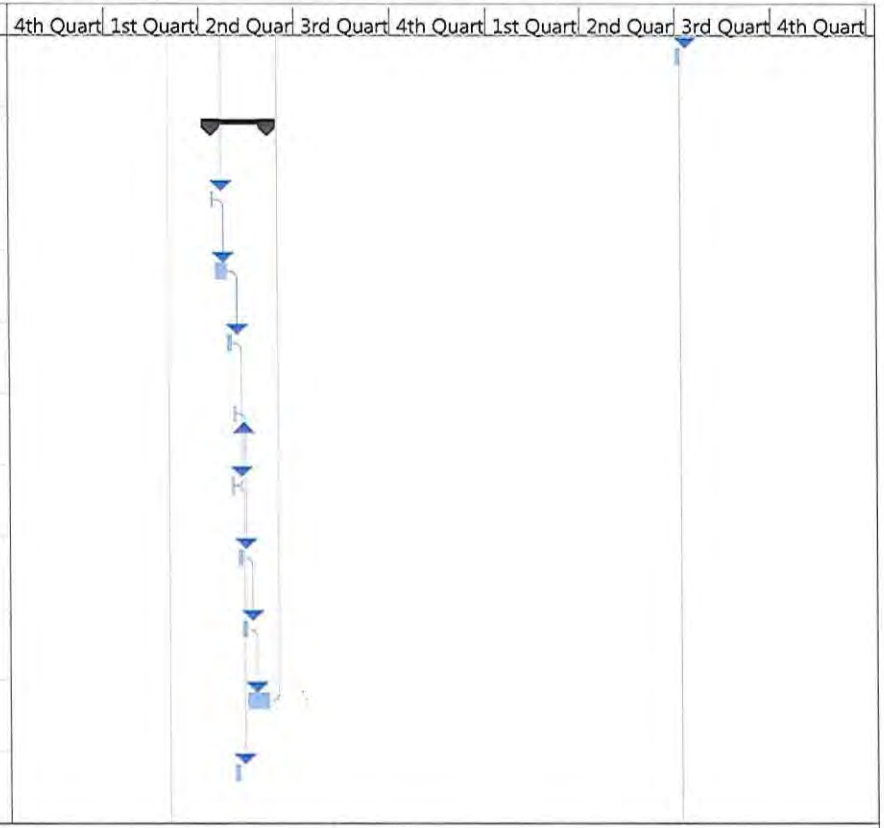
ID	Task Name	Duration
53	Remove FGD reaction tank walls and floor	10 days
54	Remove FGD Bldg trench floor grating	2 days
55	Remove Unit 2 Sorbent Injection System Silo	4 days
56	Remove Unit 2 Sorbent Injection Equipment and Injection Blower Building	5 days
57	Remove Unit 2 Mercury Reduction System Silo	5 days
58	**ID Fans**	**75 days**
59	Remove ductwork between ID fan outlets and FGD module	7 days
60	Remove support steel and access platforms between ID fan outlets and FGD module	3 days
61	Remove ductwork between FF outlet and ID fan inlets	7 days
62	Remove support steel between FF outlet and ID fan inlets	3 days
63	Removed ID fan isolation dampers	8 days
64	Removed ID fan drive motor	4 days
65	Remove ID fan seal air system	4 days
66	Remove fan casing & rotor	8 days
67	**Fabric Filters**	**350.5 days**
68	Remove ductwork between air heater and FF	5 days
69	Remove ductwork structural steel between AH and FF	3 days
70	Remove FF penthouse hoists and trolleys	4 days



ID	Task Name	Duration
71	Remove FF hopper heaters, HVAC, lighting and convenience outlets	10 days
72	Remove FF ash handling piping	15 days
73	Remove compress air blower, dryers, and receivers, piping & valves	10 days
74	Remove FF penthouse roof panels supporting steel	10 days
75	Remove FF compartment roof hatches	3 days
76	Remove FF compartment pulse air piping	3 days
77	Remove FF compartment pulse air and compressed air supply piping	6 days
78	Remove FF outlet poppet damper operators	7 days
79	Remove FF bags & cages	14 days
80	Remove FF bag support sheets	14 days
81	Remove remaining FF roof	4 days
82	Remove FF outlet dampers	4 days
83	Remove ductwork between air heater and FF	5 days
84	Remove FF wall panels to hopper level	28 days
85	Remove ductwork structural steel between AH and FF	3 days
86	Remove FF stair tower(s)	10 days
87	Remove FF inlet dampers	4 days
88	Remove FF hoppers	7 days



ID	Task Name	Duration
89	Remove FF support steel	4 days
90	**SCR and Ammonia Supply**	**38 days**
91	Vacuum SCR catalyst	2 days
92	Remove SCR catalyst	9 days
93	Remove ammonia injection grid	2 days
94	Remove NH3 piping between storage & injection	2 days
95	Remove air horn air receiver & supply piping	2 days
96	Remove SCR guillotine dampers	4 days
97	Remove SCr muliti-louver dampers	2 days
98	Remove SCR box, internal supports, & assoc'd ductwork	15 days
99	Remove NH3 piping between storage & vaporizors	3 days



COMMON

La Cygne Common Retirement

Owner Costs			
Pre-Retirement Activities		$55,645	
Retirement Activities		$647,555	
Post-Retirement Activities		$27,822	
Owner Direct Total			$731,022
Owner Internal Costs	5.00%		$36,551
Owner Contingency:	25.00%		$191,893
La Cygne Common Retirement Opinion of Probable Cost:			$959,466

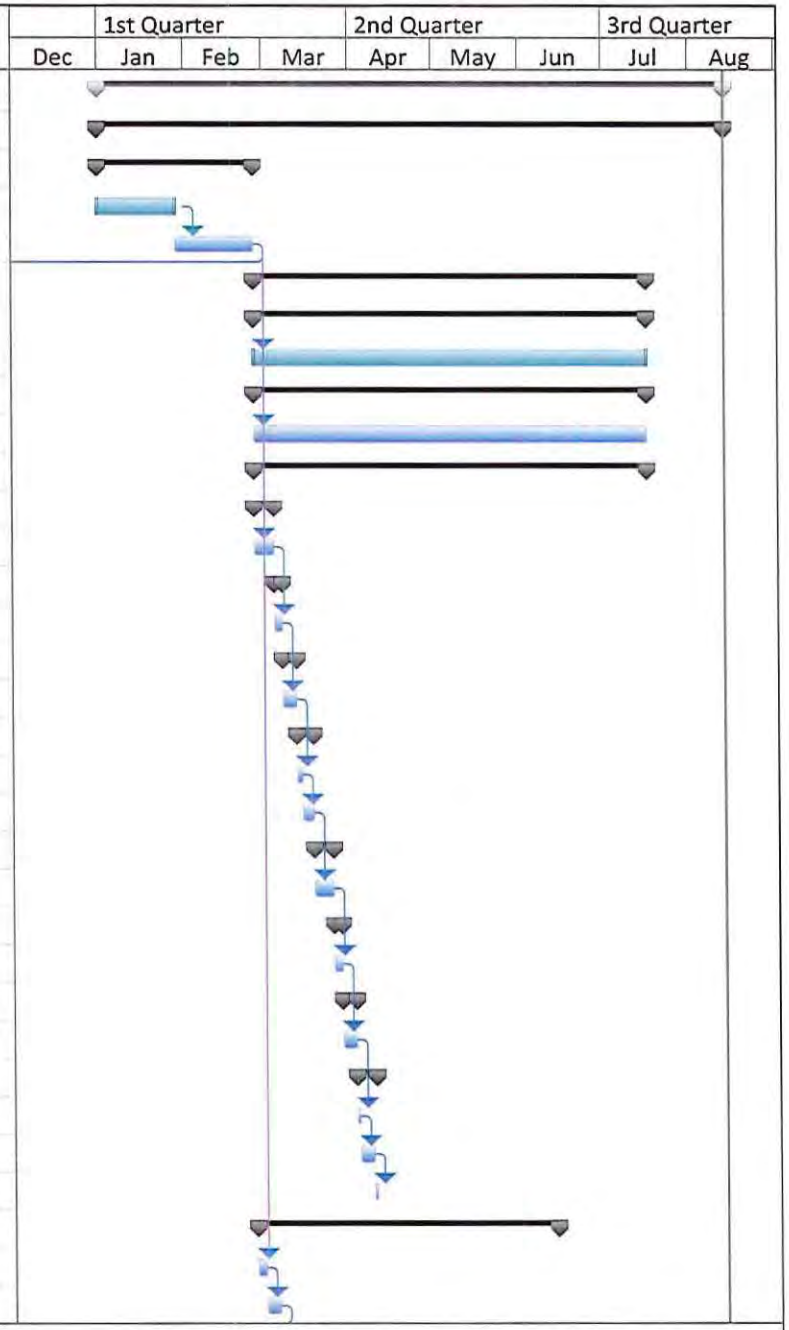
Activities Required by Permit or Regulation

La Cygne Landfill - Closure	$9,954,062	
La Cygne Landfill - Post Closure	$6,162,607	
La Cygne Ash Pond(s)- Closure	$61,277,411	
La Cygne Ash Pond(s) - Post Closure	$10,300,356	
La Cygne Station Asbestos Removal	$594,391	
Activities Required by Permit or Regulation:		$88,288,826

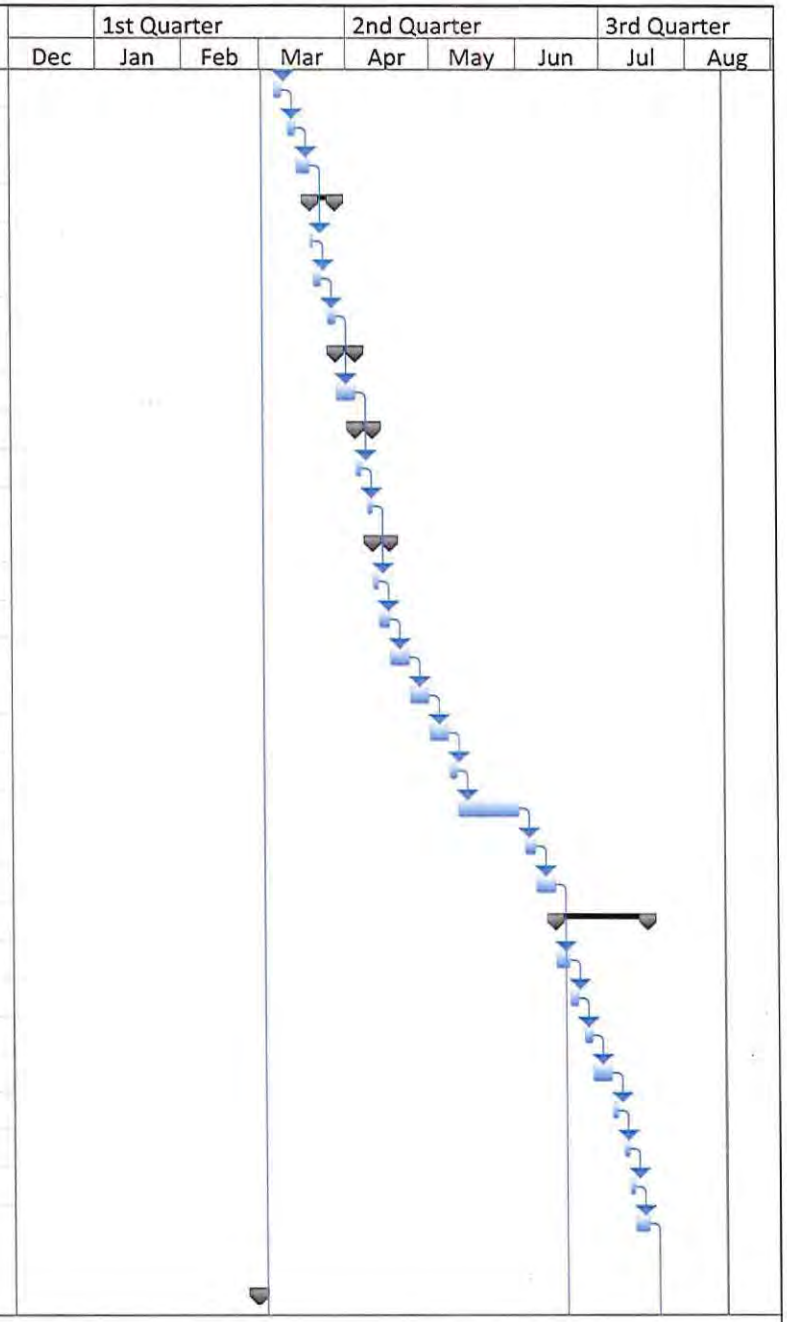
ID	Task Name	Remaining
0	**La Cygne Common Retirement**	**$731,022.03**
1	**La Cygne Common Retirement**	**$731,022.03**
2	**Pre-Retirement Activities**	**$55,644.80**
3	Permitting Review	$27,822.40
4	Develop Detailed Retirement Plan	$27,822.40
5	**Overheads**	**$180,256.71**
6	**Retirement Overheads**	**$158,004.39**
7	Added Overhead Staff for Common Retirement	$158,004.39
8	**Common Removal Equipment Rental**	**$22,252.32**
9	Common Removal Equipment Rental	$22,252.32
10	**Retirement Activities**	**$467,298.12**
11	**Administration Building**	**$10,275.20**
12	Secure Administration Building	$10,275.20
13	**Fuel Yard Office Building**	**$6,165.12**
14	Secure Fuel Yard Office Building	$6,165.12
15	**Training Building**	**$6,165.12**
16	Secure Training Building	$6,165.12
17	**Warehouse(s)**	**$8,220.16**
18	Secure Unit 1 Warehouse	$4,110.08
19	Secure Unit 2 Warehouse	$4,110.08
20	**Welding Shop**	**$12,694.80**
21	Secure Welding Shop	$12,694.80
22	**Maintenance Shop**	**$6,165.12**
23	Secure Maintenance Shop	$6,165.12
24	**Insulators Shop**	**$6,165.12**
25	Secure Insulators Shop	$6,165.12
26	**Auxiliary Boilers and Building**	**$4,586.40**
27	Remove Aux. Boiler Chemicals	$917.28
28	Drain Auxiliary Boilers	$2,751.84
29	Open and Vent Auxiliary Boilers	$917.28
30	**Fuel Yard**	**$122,579.04**
31	Empty and Clean Silo 2a	$3,314.16
32	Empty and Clean Silo E	$3,314.16
33	Empty and Clean Silo F	$3,314.16
34	Empty Transfer Hoppers and Clean Transfer Tower 201	$4,231.44
35	Clean Truck Reclaim	$4,231.44
36	**Car Dumper**	**$9,873.36**
37	Empty Car Dumper Hoppers	$1,410.48
38	Clean Car Dumper	$4,231.44
39	Secure Dumper Building	$4,231.44
40	**Stacker/Reclaimer**	**$21,410.00**
41	Clean and Secure the Stacker/Reclaimer	$7,052.40
42	**Unit 1 Reclaim**	**$5,641.92**
43	Clean Unit 1 Reclaim	$2,820.96
44	Secure the Unit 1 Reclaim Building	$2,820.96

ID	Task Name	Remaining
45	**Unit 2 Reclaim**	**$5,641.92**
46	Clean Unit 2 Reclaim	$2,820.96
47	Secure the Unit 2 Reclaim Building	$2,820.96
48	Clean and Secure Transfer Tower 201	$7,052.40
49	Clean and Secure Transfer Tower 3	$7,052.40
50	Clean and Secure Primary Crusher Building	$7,052.40
51	Clean and Secure Old Truck Unloader	$4,231.44
52	Clean Conveyors - 300, 302, 301, 203, 202, 201, 3, 204	$22,567.68
53	Remove Bags and Clean Dust Collectors	$6,597.76
54	Clean and Secure Miscellaneous Fuel Yard Equipment	$7,052.40
55	**Reagent Prep and Gypsum Handling**	**$32,794.96**
56	Clean and Secure Limestone Unloading Facility	$4,231.44
57	Clean and Secure Limestone Storage Facility	$4,231.44
58	Clean Limestone Conveyor	$4,307.28
59	Clean and Secure Limestone Prep Building	$7,178.80
60	Clean Gypsum Stackout Conveyor	$2,871.52
61	Clean and Secure PCM-1	$2,871.52
62	Clean and Secure PCM-2	$2,871.52
63	Clean and Secure the Vacuum Pump and Air Compressor Building	$4,231.44
64	**Lake Intake Structure and Intake Chemical Feed System**	**$917.28**
65	Remove Chemicals	$917.28
66	**Underground Circulating Water Piping**	**$4,185.60**
67	Drain the Underground Circulating Water Piping	$4,185.60
68	**Sewage Treatment**	**$4,724.64**
69	Clean the Sewage Treatment Tanks and Transfer Points	$4,724.64
70	**Fuel Oil Storage and Unloading**	**$1,834.56**
71	Remove Fuel from the Fuel Oil Storage Tank(s) and Vent	$917.28
72	Drain Fuel Oil Pipe and Vent	$917.28
73	**Wastewater Lagoon**	**$239,825.00**
74	Wastewater Lagoon Removal	$239,825.00
75	**Post Retirement Closure Activities**	**$27,822.40**
76	Post Retirement Closure Activities	$27,822.40

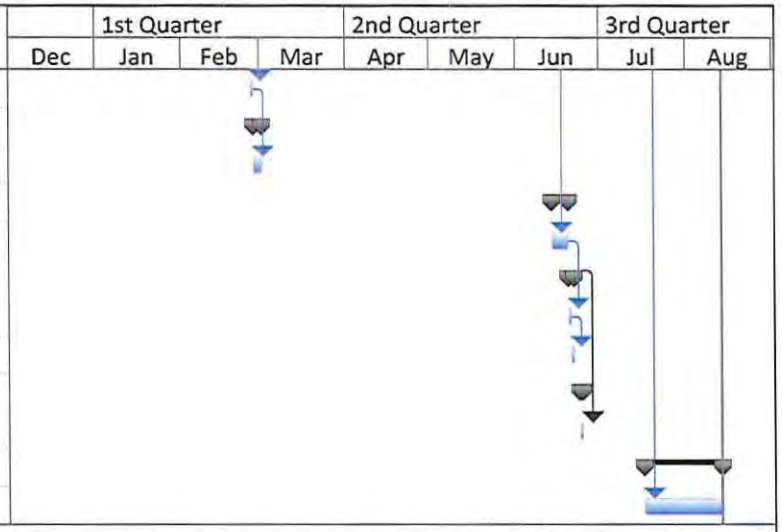
ID	Task Name	Duration
0	**La Cygne Common Retirement**	**161 days**
1	**La Cygne Common Retirement**	**161 days**
2	**Pre-Retirement Activities**	**40 days**
3	Permitting Review	20 days
4	Develop Detailed Retirement Plan	20 days
5	**Overheads**	**101 days**
6	**Retirement Overheads**	**101 days**
7	Added Overhead Staff for Common Retirement	101 days
8	**Common Removal Equipment Rental**	**101 days**
9	Common Removal Equipment Rental	101 days
10	**Retirement Activities**	**101 days**
11	**Administration Building**	**5 days**
12	Secure Administration Building	5 days
13	**Fuel Yard Office Building**	**3 days**
14	Secure Fuel Yard Office Building	3 days
15	**Training Building**	**3 days**
16	Secure Training Building	3 days
17	**Warehouse(s)**	**4 days**
18	Secure Unit 1 Warehouse	2 days
19	Secure Unit 2 Warehouse	2 days
20	**Welding Shop**	**5 days**
21	Secure Welding Shop	5 days
22	**Maintenance Shop**	**3 days**
23	Secure Maintenance Shop	3 days
24	**Insulators Shop**	**3 days**
25	Secure Insulators Shop	3 days
26	**Auxiliary Boilers and Building**	**5 days**
27	Remove Aux. Boiler Chemicals	1 day
28	Drain Auxiliary Boilers	3 days
29	Open and Vent Auxiliary Boilers	1 day
30	**Fuel Yard**	**78 days**
31	Empty and Clean Silo 2a	3 days
32	Empty and Clean Silo E	3 days



ID	Task Name	Duration
33	Empty and Clean Silo F	3 days
34	Empty Transfer Hoppers and Clean Transfer Tower 201	3 days
35	Clean Truck Reclaim	3 days
36	**Car Dumper**	**7 days**
37	Empty Car Dumper Hoppers	1 day
38	Clean Car Dumper	3 days
39	Secure Dumper Building	3 days
40	**Stacker/Reclaimer**	**5 days**
41	Clean and Secure the Stacker/Reclaimer	5 days
42	**Unit 1 Reclaim**	**4 days**
43	Clean Unit 1 Reclaim	2 days
44	Secure the Unit 1 Reclaim Building	2 days
45	**Unit 2 Reclaim**	**4 days**
46	Clean Unit 2 Reclaim	2 days
47	Secure the Unit 2 Reclaim Building	2 days
48	Clean and Secure Transfer Tower 201	5 days
49	Clean and Secure Transfer Tower 3	5 days
50	Clean and Secure Primary Crusher Building	5 days
51	Clean and Secure Old Truck Unloader	3 days
52	Clean Conveyors - 300, 302, 301, 203, 202, 201, 3, 204	16 days
53	Remove Bags and Clean Dust Collectors	4 days
54	Clean and Secure Miscellaneous Fuel Yard Equipment	5 days
55	**Reagent Prep and Gypsum Handling**	**23 days**
56	Clean and Secure Limestone Unloading Facility	3 days
57	Clean and Secure Limestone Storage Facility	3 days
58	Clean Limestone Conveyor	3 days
59	Clean and Secure Limestone Prep Building	5 days
60	Clean Gypsum Stackout Conveyor	2 days
61	Clean and Secure PCM-1	2 days
62	Clean and Secure PCM-2	2 days
63	Clean and Secure the Vacuum Pump and Air Compressor Building	3 days
64	**Lake Intake Structure and Intake Chemical Feed System**	**1 day**



ID	Task Name	Duration
65	Remove Chemicals	1 day
66	**Underground Circulating Water Piping**	**3 days**
67	Drain the Underground Circulating Water Piping	3 days
68	**Sewage Treatment**	**4 days**
69	Clean the Sewage Treatment Tanks and Transfer Points	4 days
70	**Fuel Oil Storage and Unloading**	**2 days**
71	Remove Fuel from the Fuel Oil Storage Tank(s) and Vent	1 day
72	Drain Fuel Oil Pipe and Vent	1 day
73	**Wastewater Lagoon**	**1 day**
74	Wastewater Lagoon Removal	1 day
75	**Post Retirement Closure Activities**	**20 days**
76	Post Retirement Closure Activities	20 days



La Cygne Common Dismantlement

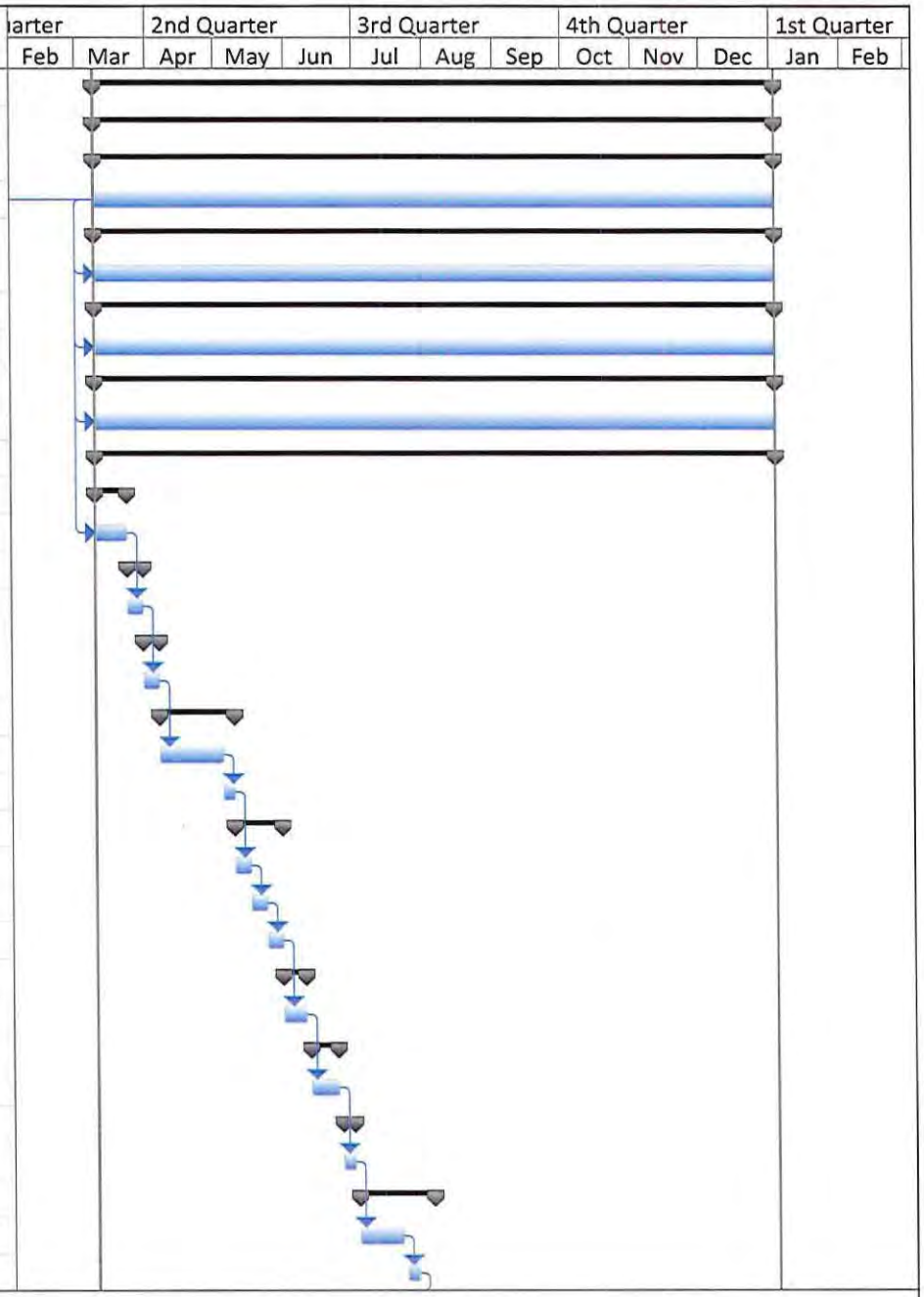
Owner Additional Costs				
Pre-Dismantlement Activities		$0		
Overhead During Dismantlement		$0		
Owner Costs Total			$0	
Demolition General Contractor (DGC) Costs				
Additional Site Management		$112,170		
Equipment Rental		$541,300		
Consumables		$810,992		
Scrap Crew(s)		$792,005		
Dismantlement		$8,986,012		
			$11,242,480	
DGC Insurance	2.00%	$224,850		
Contingency/Profit	15.00%	$1,720,099		
Performance Bond	2.00%	$263,749		
Contractor Costs Total:			$13,451,177	
Total:				$13,451,177
Owner Internal Costs:	5.00%			$672,559
Owner Contingency:	25.00%			$3,530,934
La Cygne Common Dismantlement Opinion of Probable Cost:				$17,654,670

ID	Task Name	Remaining	W
1	**La Cygne Common Dismantlement**	**$12,513,245.27**	
2	**Overheads**	**$2,256,467.36**	
3	**Common Removal Overheads**	**$112,170.24**	
4	Added Overhead Staff for Common Removals	$112,170.24	
5	**Common Removal Equipment Rental**	**$541,300.16**	
6	Common Removal Equipment Rental	$541,300.16	
7	**Demolition Contractor Consummables**	**$810,991.52**	
8	Consummables	$810,991.52	
9	**Scrap Crew**	**$792,005.44**	
10	Crew(s) to Handle Scrap Material	$792,005.44	
11	**Dismantlement Activities**	**$8,986,012.31**	
12	**Administration Building**	**$37,009.60**	
13	Remove Administration Building	$37,009.60	
14	**Fuel Yard Office Building**	**$18,504.80**	
15	Remove Fuel Yard Office Building	$18,504.80	
16	**Training Building**	**$18,504.80**	
17	Remove Training Building	$18,504.80	
18	**Parking Lots and Plant Roads**	**$85,122.08**	
19	Plant Roads and Parking Areas	$74,019.20	
20	Guard Shack	$11,102.88	
21	**Warehouse(s)**	**$55,514.40**	
22	Remove Unit 1 Warehouse	$18,504.80	
23	Remove Unit 2 Warehouse	$18,504.80	
24	Remove 20,000 S.F. Warehouse	$18,504.80	
25	**Welding Shop**	**$29,607.68**	
26	Remove Welding Shop	$29,607.68	
27	**Maintenance Shop**	**$23,984.80**	
28	Remove Maintenance Shop	$23,984.80	
29	**Insulators Shop**	**$18,504.80**	
30	Remove Insulators Shop	$18,504.80	
31	**Auxiliary Boilers and Building**	**$92,524.00**	
32	Remove Auxiliary Boilers	$55,514.40	
33	Remove Building	$18,504.80	
34	Remove Piping and Tressell	$18,504.80	
35	**Fuel Yard**	**$792,005.44**	
36	Remove Silo 2A	$3,700.96	
37	Remove Silo E	$3,700.96	
38	Remove Silo F	$3,700.96	
39	Remove Transfer Tower 201	$37,009.60	
40	Remove Truck Reclaim	$18,504.80	
41	**Remove Car Dumper**	**$92,524.00**	
42	Remove Underground Equipment	$18,504.80	
43	Remove Above Ground Equipment	$37,009.60	
44	Remove Building	$18,504.80	
45	Backfill Dumper Structure	$18,504.80	
46	Remove Stacker/Reclaimer	$37,009.60	

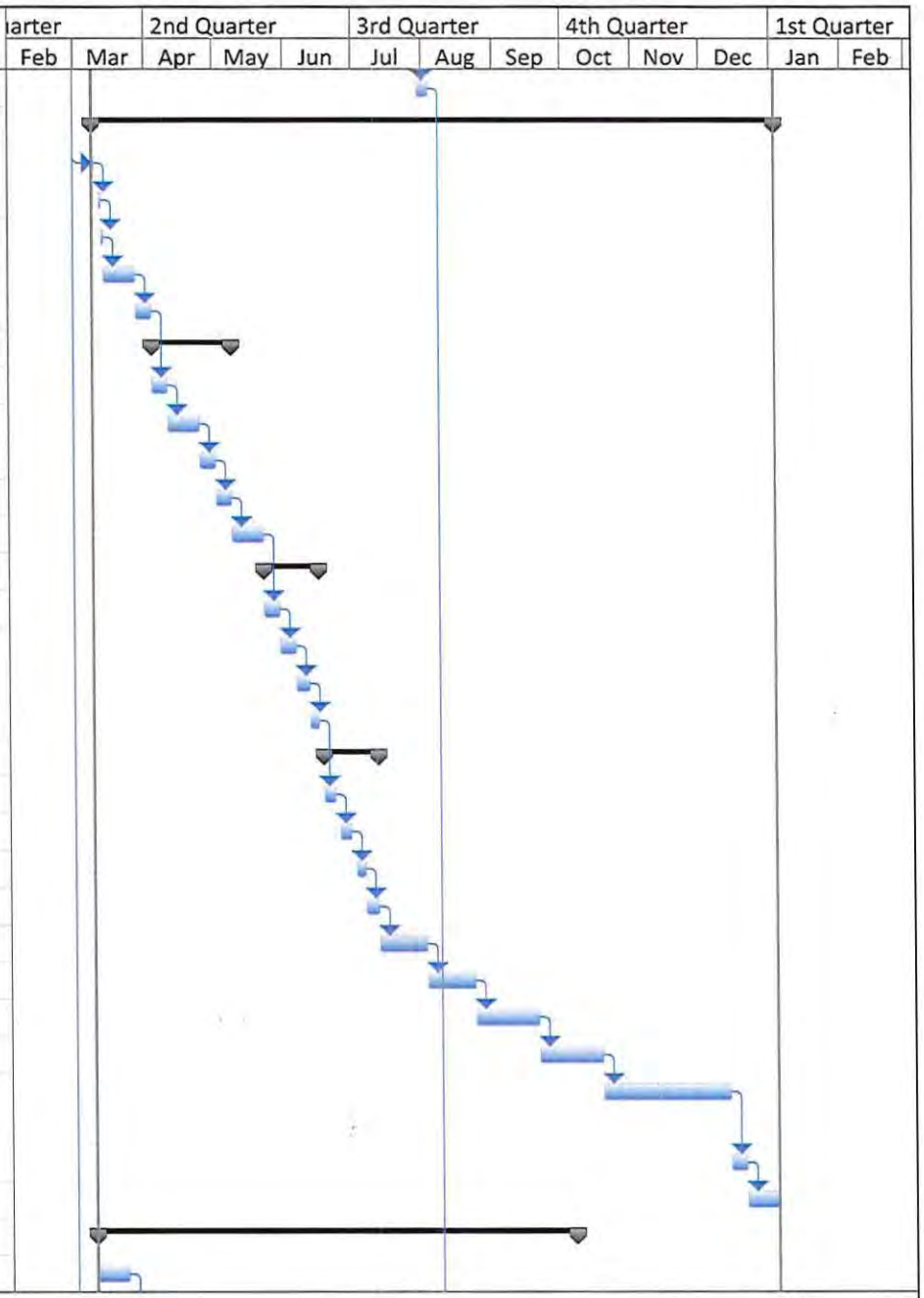
ID	Task Name	Remaining	W
47	**Remove Unit 1 Reclaim**	**$66,617.28**	
48	Remove Underground Equipment	$18,504.80	
49	Remove Above Ground Equipment	$18,504.80	
50	Remove Building	$14,803.84	
51	Backfill Structure	$14,803.84	
52	**Remove Unit 2 Reclaim**	**$66,617.28**	
53	Remove Underground Equipment	$18,504.80	
54	Remove Above Ground Equipment	$18,504.80	
55	Remove Building	$14,803.84	
56	Backfill Structure	$14,803.84	
57	Remove Transfer Tower 201	$55,514.40	
58	Remove Transfer Tower 3	$55,514.40	
59	Remove Primary Crusher Building	$74,019.20	
60	Remove Old Truck Unloader	$74,019.20	
61	Remove Conveyors - 300, 302, 301, 203, 202, 201, 3, 204	$148,038.40	
62	Remove Dust Collectors	$18,504.80	
63	Remove Miscellaneous Fuel Yard Equipment	$37,009.60	
64	**AQCS Common**	**$413,928.16**	
65	Remove Limestone Unloading Facility	$37,009.60	
66	Remove Limestone Storage Facility	$18,504.80	
67	Remove Limestone Conveyor	$18,504.80	
68	Remove Limestone Prep Building	$148,038.40	
69	Remove Gypsum Stackout Conveyor	$18,504.80	
70	Remove PCM-1	$7,401.92	
71	Remove PCM-2	$7,401.92	
72	Remove the Vacuum Pump and Air Compressor Building	$74,019.20	
73	Remove Gypsum Dewatering Building	$10,298.16	
74	Remove Service Water Tanks	$5,914.16	
75	Remove Emergency Limestone Conveyor Tunnel	$3,722.16	
76	Remove Limestone Slurry Tanks	$9,202.16	
77	Remove AQCS Electrical Enclosure	$2,284.64	
78	Remove FlyAsh Equipment Building	$10,298.16	
79	Remove Limestone and Gypsum Handling Conveyors	$11,394.16	
80	Remove Reclaim Water Tanks	$5,914.16	
81	Remove Remaining Absorber Equipment Building	$7,010.16	
82	Remove Miscellaneous Equipment	$18,504.80	
83	**Lake Intake Structure and Intake Chemical Feed System**	**$118,430.72**	
84	Remove Chemical Feed System and Misc. Equipment	$7,401.92	
85	Remove Concrete Intake Structure	$74,019.20	
86	Complete Intake Grading and Drainage	$37,009.60	
87	**Underground Circulating Water Piping**	**$55,514.40**	
88	Excavate Underground Circulating Water Piping	$18,504.80	
89	Collapse Underground Circulating Water Piping	$11,102.88	
90	Backfill and Compact Over Circulating Water Piping	$25,906.72	
91	**Sewage Treatment**	**$22,205.76**	
92	Remove Sewage Treatment Pumps and Miscellaneous Equipment	$7,401.92	

ID	Task Name	Remaining	W
93	Remove Sewage Treatment Concrete Structures	$14,803.84	
94	**Yard Fire Water Systems**	**$37,009.60**	
95	Remove Hydrants and Fire Water System Piping Down to 3' Below Grade	$37,009.60	
96	**Common Stack**	**$7,167,641.27**	
97	Remove Common Stack to Grade	$7,167,641.27	
98	**Final Site Grading and Drainage**	**$1,270,765.60**	
99	Final Site Grading and Drainage	$1,270,765.60	

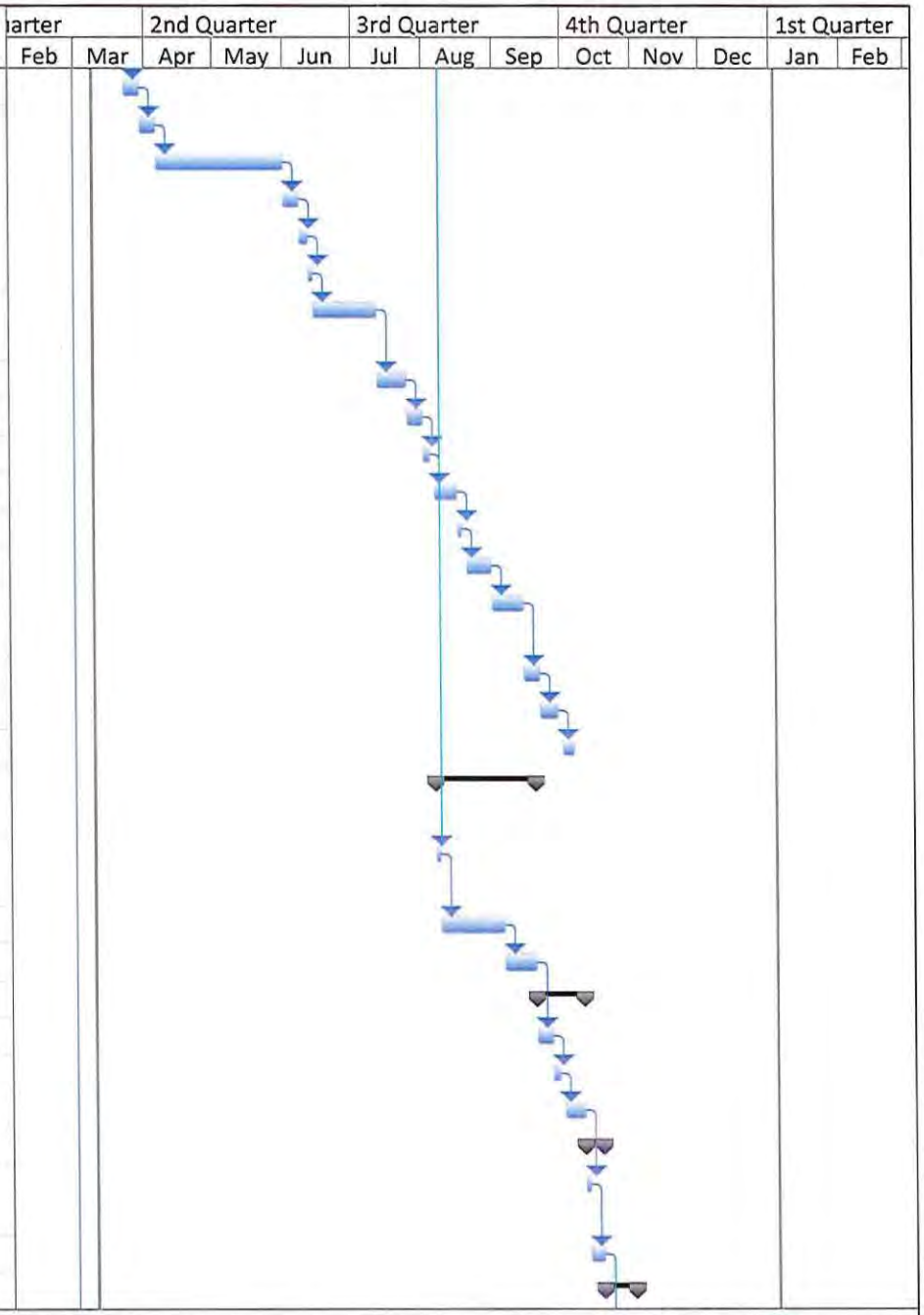
ID	Task Name	Duration
1	**La Cygne Common Dismantlement**	**214 days**
2	**Overheads**	**214 days**
3	**Common Removal Overheads**	**214 days**
4	Added Overhead Staff for Common Removals	214 days
5	**Common Removal Equipment Rental**	**214 days**
6	Common Removal Equipment Rental	214 days
7	**Demolition Contractor Consummables**	**214 days**
8	Consummables	214 days
9	**Scrap Crew**	**214 days**
10	Crew(s) to Handle Scrap Material	214 days
11	**Dismantlement Activities**	**214 days**
12	**Administration Building**	**10 days**
13	Remove Administration Building	10 days
14	**Fuel Yard Office Building**	**5 days**
15	Remove Fuel Yard Office Building	5 days
16	**Training Building**	**5 days**
17	Remove Training Building	5 days
18	**Parking Lots and Plant Roads**	**23 days**
19	Plant Roads and Parking Areas	20 days
20	Guard Shack	3 days
21	**Warehouse(s)**	**15 days**
22	Remove Unit 1 Warehouse	5 days
23	Remove Unit 2 Warehouse	5 days
24	Remove 20,000 S.F. Warehouse	5 days
25	**Welding Shop**	**8 days**
26	Remove Welding Shop	8 days
27	**Maintenance Shop**	**10 days**
28	Remove Maintenance Shop	10 days
29	**Insulators Shop**	**5 days**
30	Remove Insulators Shop	5 days
31	**Auxiliary Boilers and Building**	**25 days**
32	Remove Auxiliary Boilers	15 days
33	Remove Building	5 days



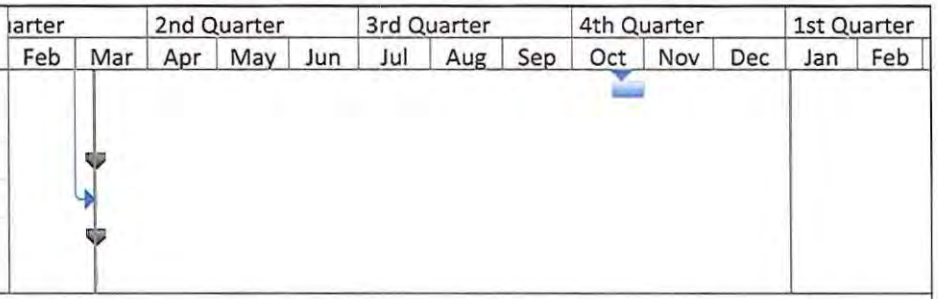
ID	Task Name	Duration
34	Remove Piping and Tressell	5 days
35	**Fuel Yard**	**214 days**
36	Remove Silo 2A	1 day
37	Remove Silo E	1 day
38	Remove Silo F	1 day
39	Remove Transfer Tower 201	10 days
40	Remove Truck Reclaim	5 days
41	**Remove Car Dumper**	**25 days**
42	Remove Underground Equipment	5 days
43	Remove Above Ground Equipment	10 days
44	Remove Building	5 days
45	Backfill Dumper Structure	5 days
46	Remove Stacker/Reclaimer	10 days
47	**Remove Unit 1 Reclaim**	**18 days**
48	Remove Underground Equipment	5 days
49	Remove Above Ground Equipment	5 days
50	Remove Building	4 days
51	Backfill Structure	4 days
52	**Remove Unit 2 Reclaim**	**18 days**
53	Remove Underground Equipment	5 days
54	Remove Above Ground Equipment	5 days
55	Remove Building	4 days
56	Backfill Structure	4 days
57	Remove Transfer Tower 201	15 days
58	Remove Transfer Tower 3	15 days
59	Remove Primary Crusher Building	20 days
60	Remove Old Truck Unloader	20 days
61	Remove Conveyors - 300, 302, 301, 203, 202, 201, 3, 204	40 days
62	Remove Dust Collectors	5 days
63	Remove Miscellaneous Fuel Yard Equipment	10 days
64	**AQCS Common**	**151 days**
65	Remove Limestone Unloading Facility	10 days



ID	Task Name	Duration
66	Remove Limestone Storage Facility	5 days
67	Remove Limestone Conveyor	5 days
68	Remove Limestone Prep Building	40 days
69	Remove Gypsum Stackout Conveyor	5 days
70	Remove PCM-1	2 days
71	Remove PCM-2	2 days
72	Remove the Vacuum Pump and Air Compressor Building	20 days
73	Remove Gypsum Dewatering Building	9 days
74	Remove Service Water Tanks	5 days
75	Remove Emergency Limestone Conveyor Tunnel	3 days
76	Remove Limestone Slurry Tanks	8 days
77	Remove AQCS Electrical Enclosure	2 days
78	Remove FlyAsh Equipment Building	9 days
79	Remove Limestone and Gypsum Handling Conveyors	10 days
80	Remove Reclaim Water Tanks	5 days
81	Remove Remaining Absorber Equipment Building	6 days
82	Remove Miscellaneous Equipment	5 days
83	**Lake Intake Structure and Intake Chemical Feed System**	**32 days**
84	Remove Chemical Feed System and Misc. Equipment	2 days
85	Remove Concrete Intake Structure	20 days
86	Complete Intake Grading and Drainage	10 days
87	**Underground Circulating Water Piping**	**15 days**
88	Excavate Underground Circulating Water Piping	5 days
89	Collapse Underground Circulating Water Piping	3 days
90	Backfill and Compact Over Circulating Water Piping	7 days
91	**Sewage Treatment**	**6 days**
92	Remove Sewage Treatment Pumps and Miscellaneous Equipment	2 days
93	Remove Sewage Treatment Concrete Structures	4 days
94	**Yard Fire Water Systems**	**10 days**



ID	Task Name	Duration
95	Remove Hydrants and Fire Water System Piping Down to 3' Below Grade	10 days
96	**Common Stack**	**1 day**
97	Remove Common Stack to Grade	1 day
98	**Final Site Grading and Drainage**	**1 day**
99	Final Site Grading and Drainage	1 day



IATAN GENERATING STATION

IATAN GENERATING STATION

The Iatan Generating Station consists of two coal-fired power plants.

Iatan Unit 1 has an SPP-accredited unit rating of 705 MW and was placed in service in 1980. Unit 1 has a sub-critical Babcock & Wilcox boiler and a General Electric turbine. Missouri River water is used for condenser cooling. Iatan Unit 1 was originally commissioned with a dedicated chimney and an electrostatic precipitator for flue gas particulate removal. In 2009, Iatan Unit 1 was retrofitted with an SCR, baghouse, and wet scrubber. The original electrostatic precipitator and stack were abandoned in place and the flue gas was redirected to a common Iatan Units 1 and 2 chimney with a dedicated Unit 1 flue.

Iatan Unit 2 has an SPP-accredited unit rated of 881 MW and was placed in service in 2010. Unit 2 has a super-critical Alstom boiler and a Toshiba turbine. A cooling tower is used for condenser cooling with well water for cooling tower makeup. Iatan Unit 2 has an SCR, baghouse, and wet scrubber. The flue gas is discharged through a common Iatan Units 1 and 2 chimney with a dedicated Unit 2 flue.

The Iatan fuel yard has a rotary car dumper to unload unit trains of coal. The coal is stored in a common fuel yard. Fuel is reclaimed from the common fuel yard via a stacker reclaimer or a series of reclaim pits and transferred to Units 1 and 2 through a common conveyor system. Coal is transferred from the common conveyor system to dedicated unit conveyors (located near the final coal transfer points for each unit).

Both Iatan Units 1 and 2 have a fuel oil igniter system. Both units are supplied with fuel oil from a common fuel oil unloading and storage facility.

Both Units 1 and 2 have a wet scrubber that utilizes a common reagent preparation and gypsum handling facility. This facility includes a limestone unloading and storage area, a limestone slurry preparation system, a gypsum preparation system, and a gypsum stack-out and storage system.

Both Units 1 and 2 beneficially use coal combustion products off site. Coal combustion products that are not beneficially used off site are disposed of in the on-site landfill.

The following are the major systems and equipment that were included in the retirement and dismantlement of each unit and the major systems and equipment that were considered common (additional details are listed in the attached retirement and dismantlement schedules included in this Appendix).

IATAN UNIT 1

1. Boiler, SCR, and boiler auxiliaries.
2. Turbine, heat balance equipment, and turbine auxiliaries.
3. Precipitator (currently retired in place).
4. Baghouse and wet scrubber.
5. Waste oil system.
6. Dedicated Unit 1 fuel handling equipment.
7. Dedicated Unit 1 fuel oil equipment.
8. Circulating water intake structure, circulating water piping, and circulating water equipment.

IATAN UNIT 2

1. Boiler, SCR, and boiler auxiliaries.
2. Turbine, heat balance equipment, and turbine auxiliaries.
3. Baghouse and wet scrubber.
4. Dedicated Unit 2 fuel handling equipment.
5. Dedicated Unit 2 fuel oil equipment.
6. Cooling tower and wells.

COMMON

1. Administration building.
2. Fuel yard office building.
3. Training building.
4. Warehouses.
5. Maintenance shops.
6. Common fuel handling equipment.
7. Sewage treatment.
8. Fuel oil storage and unloading.
9. Fire water systems.
10. Reagent preparation and gypsum handling.
11. Unit 1 stack (currently retired in place).
12. Units 1 and 2 common stack.
13. Landfill.
14. Clarifiers, clarifier storage tanks, and zero-liquid discharge equipment and auxiliaries.

UNIT 1

Iatan 1 Retirement

Owner Costs				
Pre-Retirement Activities		$106,968		
Retirement Activities		$706,527		
Post-Retirement Activities		$28,182		
Owner Direct Total			$841,677	
Owner Internal Costs	5.00%		$42,084	
Owner Contingency:	25.00%		$220,940	
Iatan 1 Retirement Opinion of Probable Cost:				$1,104,700

Activities Required by Permit or Regulation

Iatan 1 Intake Removal	$395,036	
Activities Required by Permit or Regulation:		$395,036

Iatan 1 Retirement

ID	Task Name	Cost
0	**Iatan 1 Retirement**	**$841,676.55**
1	**Iatan 1 Retirement**	**$841,676.55**
2	**Pre-Engineering**	**$106,967.52**
3	Permit review and engineering analysis, establish isolation points, and confirm fuel yard inventory has been reduced to zero tons.	$0.00
4	**KCL&L Overhead Costs**	**$122,254.08**
5	KCP&L Retirement Manager	$122,254.08
6	**Equipment Rentals**	**$41,004.90**
7	Vacuum truck	$41,004.90
8	**Retirement**	**$543,267.65**
9	**Electrical**	**$20,553.92**
10	**Medium and Low Voltage Draw out Switchgear**	**$2,903.52**
11	De-energize all buses at the source.	$483.92
12	Open all circuit breakers.	$483.92
13	Rack all circuit breakers into the fully withdrawn, disconnected position.	$483.92
14	Verify that the closing/tripping springs are discharged.	$483.92
15	De-energize control power and auxiliary power circuits of each circuit breaker at the source and by opening control power circuit breakers or removing fuses in each breaker cubicle.	$967.84
16	**Motor Control Centers**	**$1,935.68**
17	De-energize all buses at the source.	$483.92
18	Open all circuit breakers and disconnect switches.	$483.92
19	Remove all fuses in control circuits.	$967.84
20	**Low-voltage Switchboards and Panelboards**	**$967.84**
21	De-energize all buses at the source.	$483.92
22	Open all circuit breakers and disconnect switches.	$483.92
23	**Oil-Filled Power Transformers**	**$6,072.32**
24	De-energize all transformer primaries and verify that the secondary is de-energized.	$967.84
25	De-energize all low-voltage AC or DC power sources for space heaters, cooling equipment, controls, etc. at the source and open circuit breakers or remove fuses at transformer end.	$967.84
26	Drain and dispose of oil.	$2,867.52
27	Clean up and dispose of oil on surface areas around the transformers on in containment pits.	$1,269.12
28	**Dry-type Power Transformers**	**$1,935.68**
29	De-energize all transformer primaries and verify that the secondary is de-energized.	$967.84
30	De-energize all low-voltage AC or DC power sources for space heaters, cooling equipment, controls, etc. at the source and open circuit breakers or remove fuses at transformer end.	$967.84
31	**Motors**	**$6,738.88**
32	De-energize all primary power at the source.	$1,935.68

Iatan 1 Retirement

ID	Task Name	Cost
33	De-energize all low-voltage power sources for space heaters or other auxiliary equipment at the source.	$1,935.68
34	Drian lube oil system (if applicable) and dispoe of oil.	$2,867.52
35	**Coal Handling**	**$30,905.36**
36	Empty all transfer hoppers.	$1,853.84
37	Burn out coal silos.	$1,834.56
38	Confirm all fuel lines, conveyors and trippers are clear of fuel.	$1,834.56
39	Perform cleaning of the coal handling equipment to assure that all coal and coal dust has been removed from site.	$25,382.40
40	**Fuel Oil and Igniter System**	**$2,751.84**
41	Drain fuel oil system	$2,751.84
42	**Waste Oil System**	**$1,834.56**
43	Drain all waste oil systems	$1,834.56
44	**Boiler Chemical Feed**	**$1,834.56**
45	Drain all chemical feed tanks.	$1,834.56
46	**Boiler**	**$30,927.60**
47	Open boiler doors.	$955.84
48	Gas side - perform cleaning of the boiler and bottom ash system.	$25,382.40
49	Drain boiler, drum, downcomers and headers.	$917.28
50	Open drum doors.	$955.84
51	Drain and clean the submerged flight conveyor system.	$2,716.24
52	**Stack and Ductwork**	**$344,145.25**
53	Open ductwork doors.	$955.84
54	Perform extensive cleaning of the ductwork.	$12,691.20
55	Place cap over stack opening to keep moisture out.	$330,498.21
56	**Condensate and Feedwater Piping**	**$1,834.56**
57	Drain water from the system.	$917.28
58	Leave open vents and drains.	$917.28
59	**Feedwater heaters**	**$2,751.84**
60	Drain feedwater heaters	$917.28
61	Leave open vents and drains.	$1,834.56
62	**Deaerator and Deaerator Storage Tank**	**$1,834.56**
63	Drain Deaerator and Storage	$917.28
64	Leave open vents and drains.	$917.28
65	**Baghouse**	**$18,919.84**
66	Multiple cleaning cycles for filter bags.	$2,751.84
67	Open all vent and drain lines on bag cleaning air and control air lines. Leave in open position or remove vent valves.	$917.28
68	Remove all filter bags and cages.	$955.84
69	Clear hoppers of all ash	$3,103.68
70	Mechanically secure all compartment dampers and hopper outlet valves in open position.	$955.84
71	Disconnect ash transport piping and washdown baghouse hoppers and interior of casing.	$1,571.12

Iatan 1 Retirement		
ID	Task Name	Cost
72	Install bird screens across hopper ash outlet and ash line flanges.	$955.84
73	Padlock or tack weld all hopper doors shut. (note: if ash hopper doors are indoors, they could be removed and the opening covered with bird screens.)	$955.84
74	If walk-in plenum, padlock or tack weld all outlet plenum doors and compartment ventilation dampers shut.	$955.84
75	If top-door plenum, close and secure top doors and remove/disable door lift hoist.	$1,873.12
76	If top-door plenum, establish natural ventilation or maintain HVAC fan to provide minimum air changes per hour in penthouse enclosure.	$1,020.08
77	Pull electrical supply breakers on all electrical equipment except lighting and HVAC components that are to remain in service.	$2,903.52
78	**Wet FGD system**	**$26,222.88**
79	Multiple mist eliminator wash cycles. Remove ME's from absorber.	$2,331.76
80	Drain and flush all slurry and reclaim water pumps and piping. Leave vent and drain valves open or remove. Install bird screens across drain openings.	$1,873.12
81	Drain and wash out the reaction tank, reagent storage tank, recycle water tank, absorber blowdown tank, etc.	$5,183.28
82	Leave all tank drain valves open or remove. Install bird screens across openings.	$1,911.68
83	Drain all makeup and mist eliminator water pumps and piping. Leave vent and drain valves open or remove. Install bird screens across drain openings.	$2,828.96
84	Mechanically secure all flue gas isolation dampers in open position or remove damper blades.	$1,911.68
85	Remove solids from all inlet and outlet ductwork as necessary	$2,538.24
86	Open all vent station air and control air lines. Leave in open position or remove vent valves	$1,873.12
87	Padlock or tack weld all access doors to modules and ductwork shut.	$1,911.68
88	Remove access doors to open-top tanks.	$955.84
89	Pull electrical supply breakers on all electrical equipment except lighting and HVAC components that are to remain in service.	$2,903.52
90	**FGD Reagent Preparation-Limestone wet Scrubber**	**$11,270.00**
91	Remove limestone from day bins.	$1,551.84
92	Removed cartridges/bags from bin vent filters	$1,551.84
93	Padlock or tack weld all bin access doors shut. (note: if doors are indoors, they could be removed and the opening covered with bird screens.)	$955.84
94	Remove bin discharge isolation valve and install bird screen.	$477.92
95	Thoroughly wash and drain mills	$1,551.84

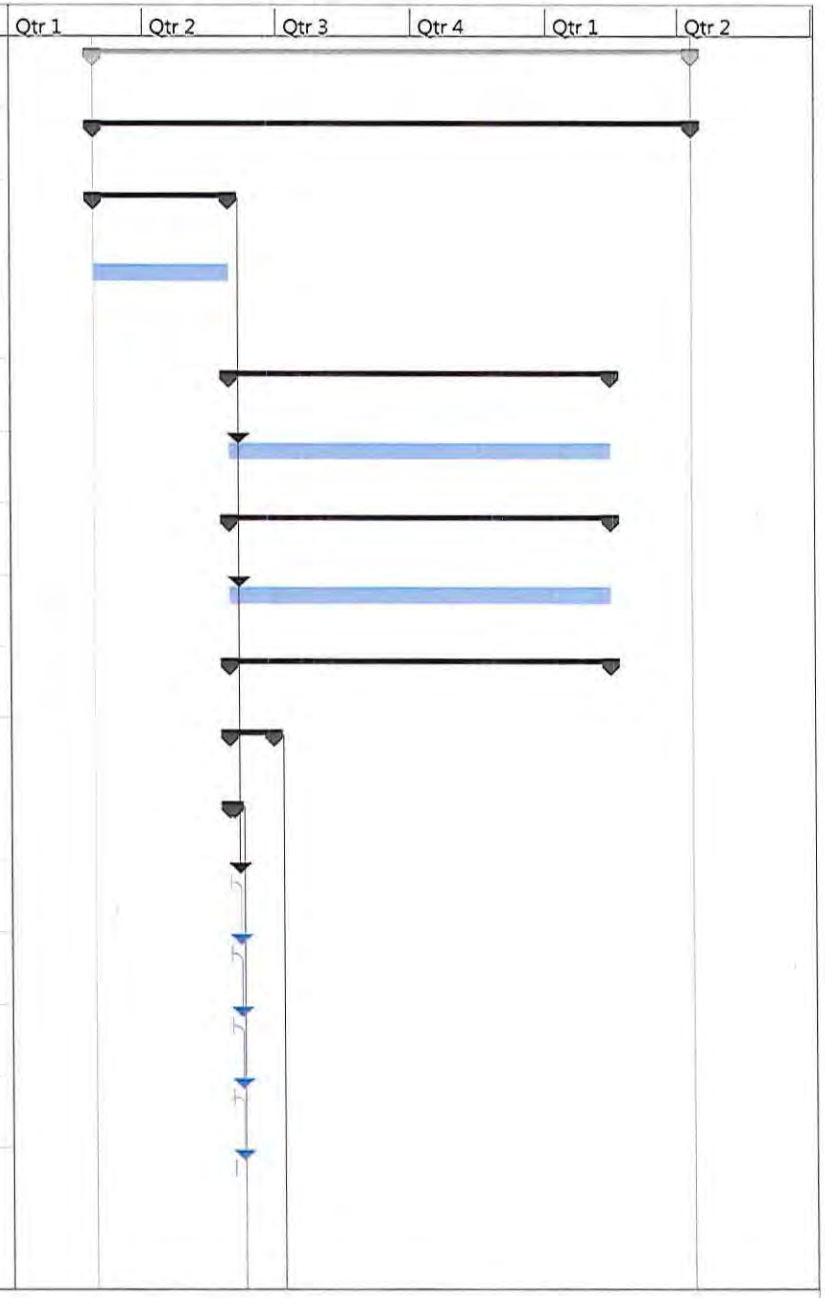
Iatan 1 Retirement

ID	Task Name	Cost
96	Remove balls from any ball mills	$1,269.12
97	Padlock or tack weld mill access doors closed.	$955.84
98	Establish natural ventilation or maintain HVAC fan to provide minimum air changes per hour in building.	$1,020.08
99	Pull electrical supply breakers on all electrical equipment except lighting and HVAC components that are to remain in service.	$1,935.68
100	**FGD Byproduct Dewatering - Hydrocyclones and Vacuum Filters**	**$8,032.96**
101	Wash vacuum filter belt and remove all accumulated solids	$2,538.24
102	Wash out vacuum receiver, remove pressure relief valve and access door. Install bird screens.	$1,571.12
103	Establish natural ventilation or maintain HVAC fan to provide minimum air changes per hour in building.	$1,020.08
104	Pull electrical supply breakers on all electrical equipment except lighting and HVAC components that are to remain in service.	$2,903.52
105	**SCR**	**$11,098.96**
106	Vacuum fly ash from catalyst.	$2,538.24
107	Remove catalyst of salvage or disposal.	$3,180.80
108	Padlock or tack weld access doors shut.	$955.84
109	Remove ammonia from storage tank for resale.	$775.92
110	Wash out and drain storage tank and supply piping.	$775.92
111	Vent storage tank and all piping. Leave vent and drain valves open or remove. Install bird screens.	$936.56
112	Pull electrical supply breakers on all electrical equipment except lighting and HVAC components that are to remain in service.	$1,935.68
113	**Turbine(s) and Condenser**	**$5,715.76**
114	Drain hotwell and leave doors open.	$936.56
115	Open main turbine doors.	$955.84
116	Open bfp turbine doors.	$955.84
117	Remove lube oil.	$2,867.52
118	**Generator**	**$6,618.48**
119	Verify that generator circuit breaker is open and racked out or that high-voltage disconnect switch on substation side of GSU transformer is locked in the open position.	$483.92
120	Verify that generator field breaker or contactor (if applicable) is open.	$483.92
121	De-energize power supplies to generator excitation system at the source.	$483.92
122	De-energize AC and DC power supplies to generator and exciter space heaters, cooling equipment, controls, lighting, etc. at the source and open circuit breakers or remove fuses at the generator and exciter.	$483.92
123	Drain generator and exciter cooling water systems (if applicable).	$936.56

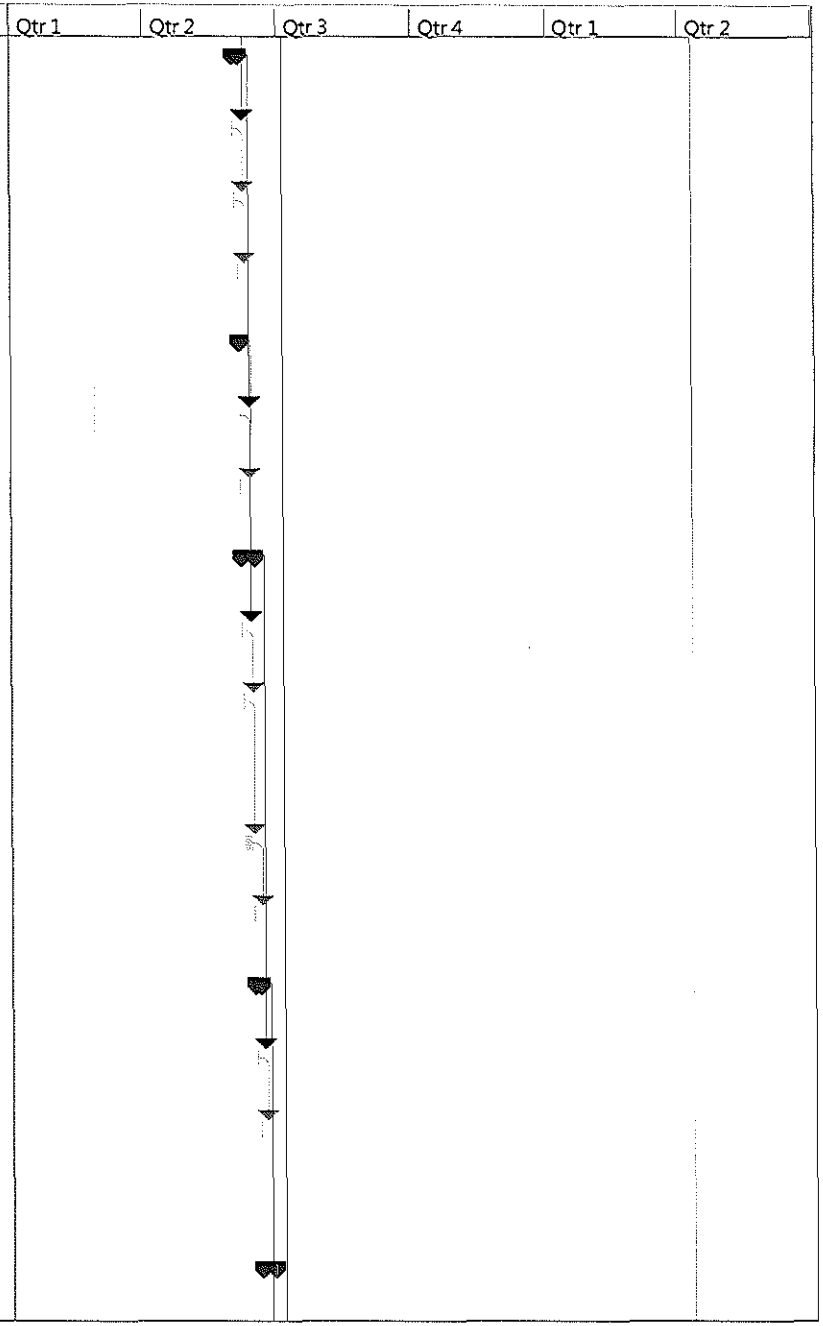
Iatan 1 Retirement

ID	Task Name	Cost
124	Disconnect and remove hydrogen gas tanks and purge generator hydrogen system.	$1,834.56
125	Disconnect and remove fire protection system gas/foam tanks and purge fire protection system.	$1,911.68
126	**Circulation Water and Turbine Cooling Water System**	**$3,707.68**
127	Drain.	$1,834.56
128	Open water box doors.	$955.84
129	Drain any circulating water chemical feed tanks.	$917.28
130	**Compressed Air System**	**$2,945.44**
131	Open vents and drains.	$917.28
132	Remove desiccant from desiccant dryers.	$2,028.16
133	**Auxiliary Steam System**	**$1,834.56**
134	Drain water from system.	$917.28
135	Remove aux boiler chemicals.	$917.28
136	**Auxiliary Cooling Water System**	**$917.28**
137	Drain water from system.	$917.28
138	**Condenser Air Extraction and Waterbox Priming System**	**$917.28**
139	Drain water from system.	$917.28
140	**Building Heating System**	**$917.28**
141	Drain water from system.	$917.28
142	**Battery System**	**$4,775.20**
143	De-energize all battery chargers from the source.	$483.92
144	Open all AC and DC circuit breakers and/or fused switches on battery chargers and disconnect cables from batteries.	$483.92
145	Remove and dispose of battery electrolyte.	$1,903.68
146	Remove and dispose of battery cells.	$1,269.12
147	Clean up and dispose of electrolyte on surface areas around batteries.	$634.56
148	**Post Retirement Activities**	**$28,182.40**
149	Post Retirement Activities	$28,182.40

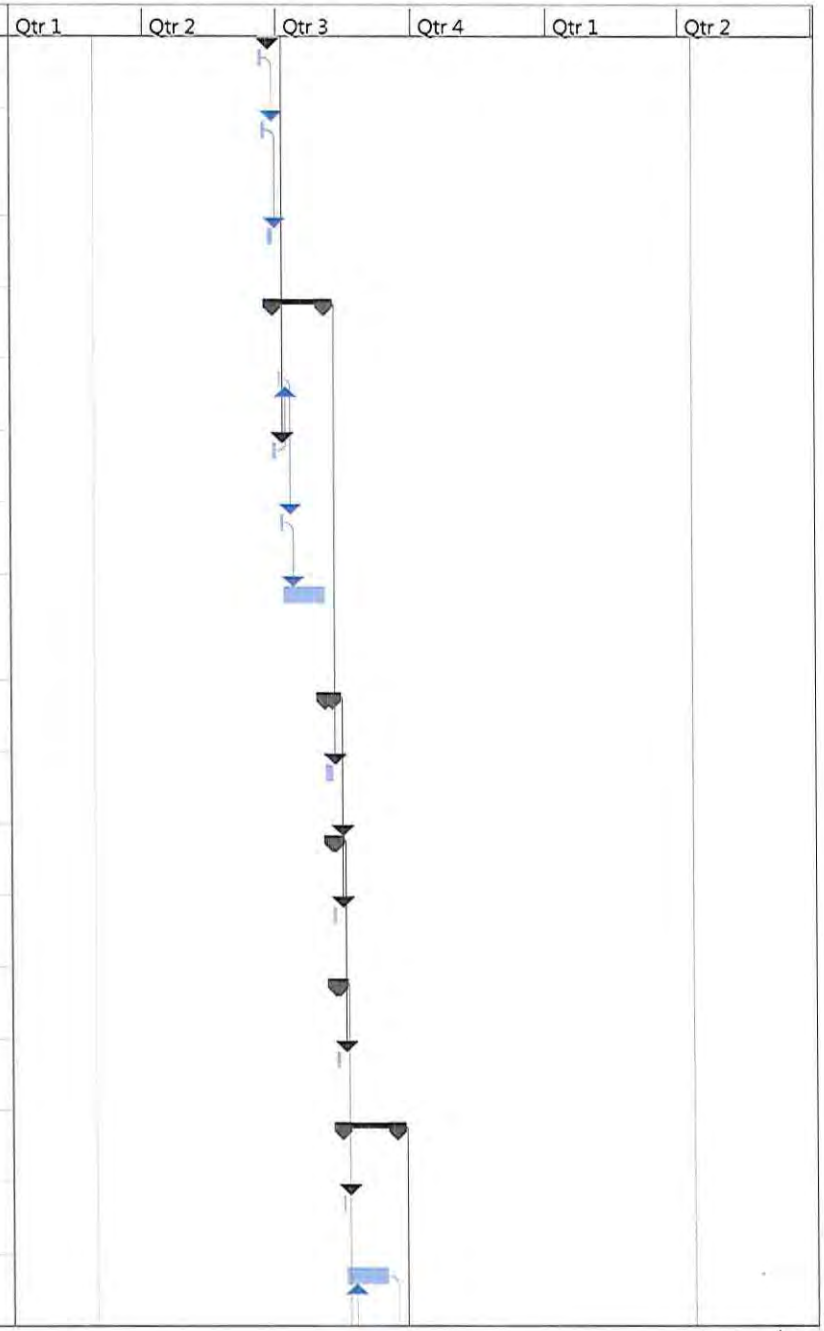
ID	Task Name	Duration
0	**Iatan 1 Retirement**	**292 days**
1	**Iatan 1 Retirement**	**292 days**
2	**Pre-Engineering**	**66 days**
3	Permit review and engineering analysis, establish isolation points, and confirm fuel yard inventory has been reduced to zero tons.	66 days
4	**KCL&L Overhead Costs**	**186 days**
5	KCP&L Retirement Manager	186 days
6	**Equipment Rentals**	**186 days**
7	Vacuum truck	186 days
8	**Retirement**	**186 days**
9	**Electrical**	**22 days**
10	**Medium and Low Voltage Draw out Switchgear**	**3 days**
11	De-energize all buses at the source.	0.5 days
12	Open all circuit breakers.	0.5 days
13	Rack all circuit breakers into the fully withdrawn, disconnected position.	0.5 days
14	Verify that the closing/tripping springs are discharged.	0.5 days
15	De-energize control power and auxiliary power circuits of each circuit breaker at the source and by opening control power circuit breakers or removing fuses in each breaker cubicle.	1 day



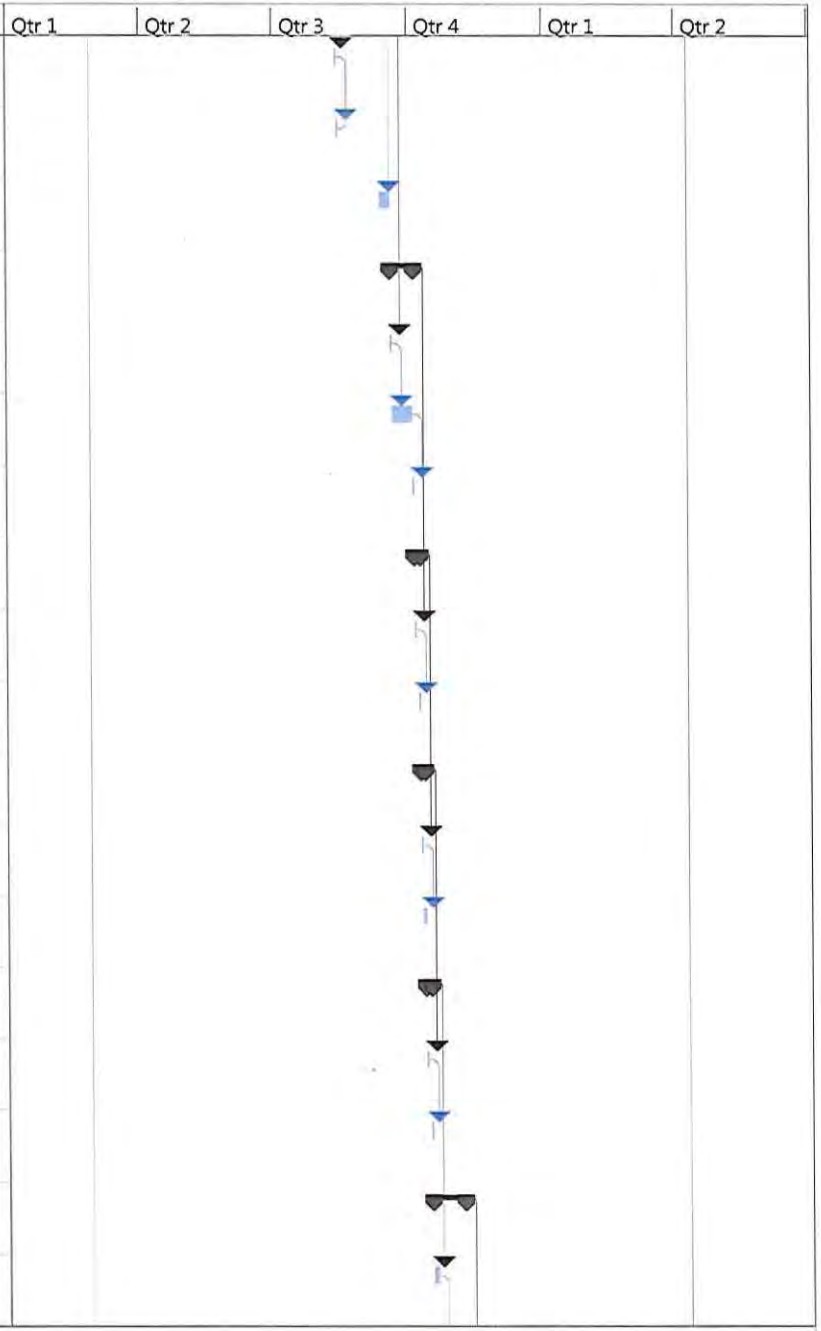
ID	Task Name	Duration
16	**Motor Control Centers**	**2 days**
17	De-energize all buses at the source.	0.5 days
18	Open all circuit breakers and disconnect switches.	0.5 days
19	Remove all fuses in control circuits.	1 day
20	**Low-voltage Switchboards and Panelboards**	**1 day**
21	De-energize all buses at the source.	0.5 days
22	Open all circuit breakers and disconnect switches.	0.5 days
23	**Oil-Filled Power Transformers**	**7 days**
24	De-energize all transformer primaries and verify that the secondary is de-energized.	1 day
25	De-energize all low-voltage AC or DC power sources for space heaters, cooling equipment, controls, etc. at the source and open circuit breakers or remove fuses at transformer end.	1 day
26	Drain and dispose of oil.	3 days
27	Clean up and dispose of oil on surface areas around the transformers on in containment pits.	2 days
28	**Dry-type Power Transformers**	**2 days**
29	De-energize all transformer primaries and verify that the secondary is de-energized.	1 day
30	De-energize all low-voltage AC or DC power sources for space heaters, cooling equipment, controls, etc. at the source and open circuit breakers or remove fuses at transformer end.	1 day
31	**Motors**	**7 days**



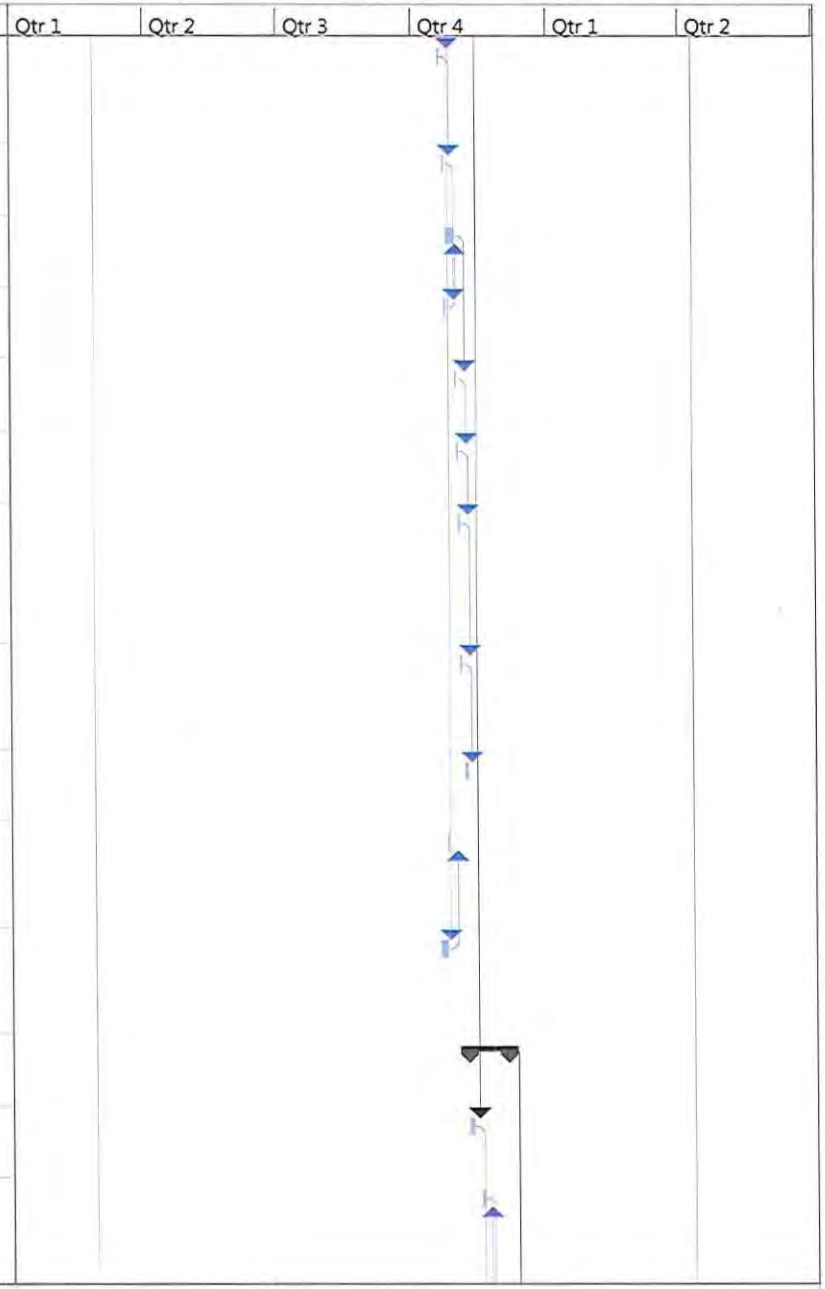
ID	Task Name	Duration
32	De-energize all primary power at the source.	2 days
33	De-energize all low-voltage power sources for space heaters or other auxiliary equipment at the source.	2 days
34	Drian lube oil system (if applicable) and dispoe of oil.	3 days
35	**Coal Handling**	**25 days**
36	Empty all transfer hoppers.	1 day
37	Burn out coal silos.	2 days
38	Confirm all fuel lines, conveyors and trippers are clear of fuel.	2 days
39	Perform cleaning of the coal handling equipment to assure that all coal and coal dust has been removed from site.	20 days
40	**Fuel Oil and Igniter System**	**3 days**
41	Drain fuel oil system	3 days
42	**Waste Oil System**	**2 days**
43	Drain all waste oil systems	2 days
44	**Boiler Chemical Feed**	**2 days**
45	Drain all chemical feed tanks.	2 days
46	**Boiler**	**27 days**
47	Open boiler doors.	1 day
48	Gas side - perform cleaning of the boiler and bottom ash system.	20 days



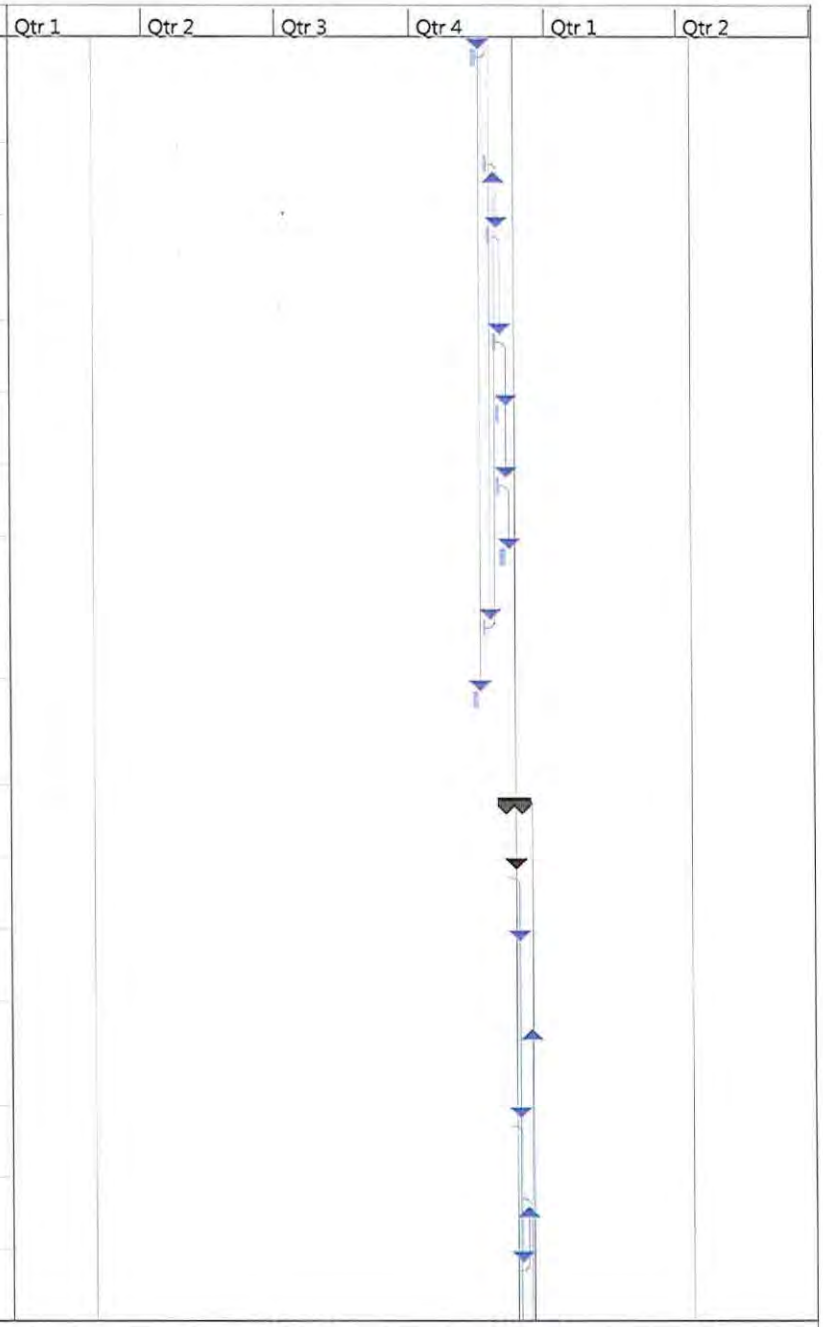
ID	Task Name	Duration
49	Drain boiler, drum, downcomers and headers.	1 day
50	Open drum doors.	1 day
51	Drain and clean the submerged flight conveyor system.	5 days
52	**Stack and Ductwork**	**12 days**
53	Open ductwork doors.	1 day
54	Perform extensive cleaning of the ductwork.	10 days
55	Place cap over stack opening to keep moisture out.	1 day
56	**Condensate and Feedwater Piping**	**2 days**
57	Drain water from the system.	1 day
58	Leave open vents and drains.	1 day
59	**Feedwater heaters**	**3 days**
60	Drain feedwater heaters	1 day
61	Leave open vents and drains.	2 days
62	**Deaerator and Deaerator Storage Tank**	**2 days**
63	Drain Deaerator and Storage	1 day
64	Leave open vents and drains.	1 day
65	**Baghouse**	**16 days**
66	Multiple cleaning cycles for filter bags.	3 days



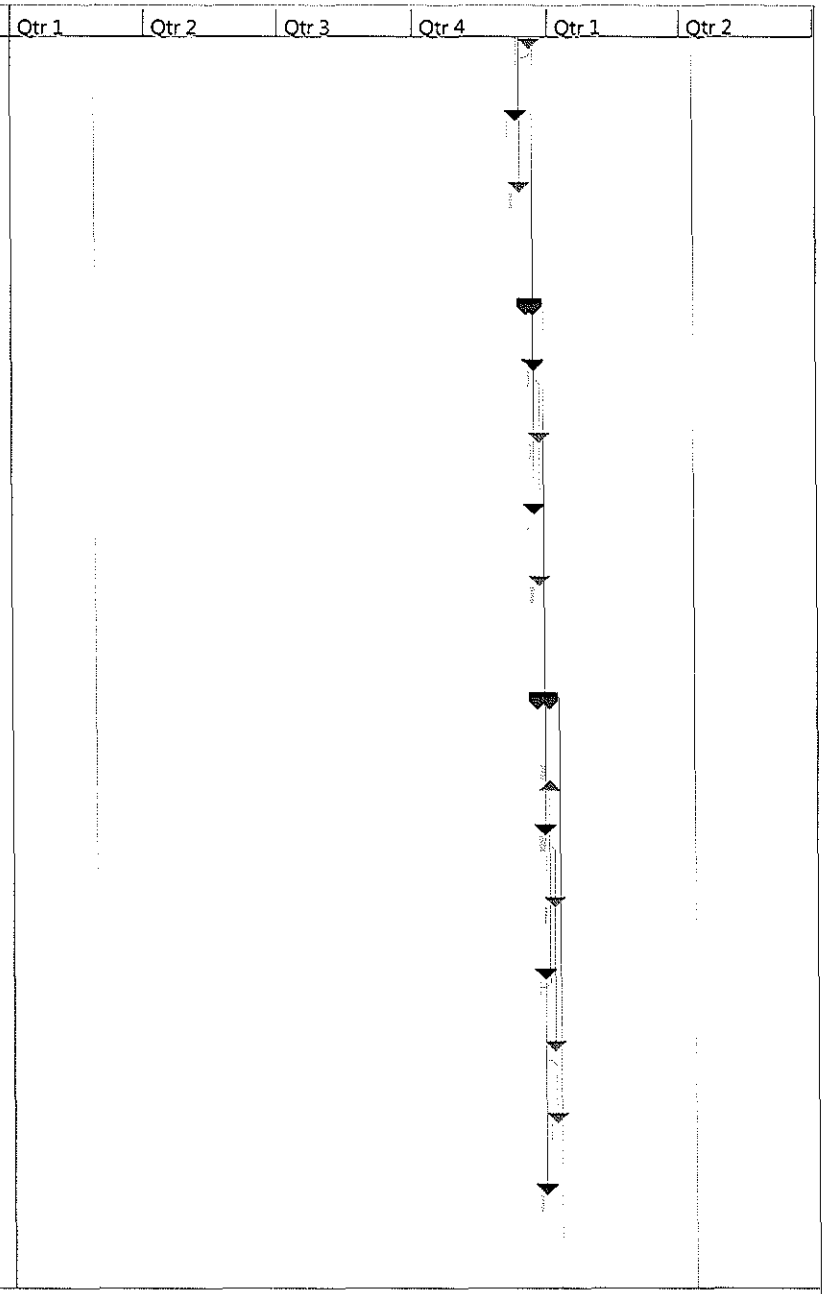
ID	Task Name	Duration
67	Open all vent and drain lines on bag cleaning air and control air lines. Leave in open position or remove vent valves.	1 day
68	Remove all filter bags and cages.	1 day
69	Clear hoppers of all ash	4 days
70	Mechanically secure all compartment dampers and hopper outlet valves in open position.	1 day
71	Disconnect ash transport piping and washdown baghouse hoppers and interior of casing.	1 day
72	Install bird screens across hopper ash outlet and ash line flanges.	1 day
73	Padlock or tack weld all hopper doors shut. (note: if ash hopper doors are indoors, they could be removed and the opening covered with bird screens.)	1 day
74	If walk-in plenum, padlock or tack weld all outlet plenum doors and compartment ventilation dampers shut.	1 day
75	If top-door plenum, close and secure top doors and remove/disable door lift hoist.	2 days
76	If top-door plenum, establish natural ventilation or maintain HVAC fan to provide minimum air changes per hour in penthouse enclosure.	1 day
77	Pull electrical supply breakers on all electrical equipment except lighting and HVAC components that are to remain in service.	3 days
78	**Wet FGD system**	**19 days**
79	Multiple mist eliminator wash cycles. Remove ME's from absorber.	3 days
80	Drain and flush all slurry and reclaim water pumps and piping. Leave vent and drain valves open or remove. Install bird screens across drain openings.	2 days



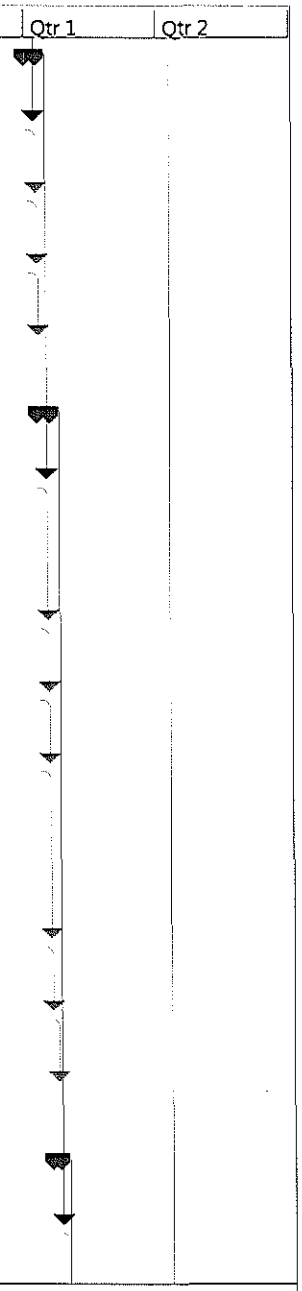
ID	Task Name	Duration
81	Drain and wash out the reaction tank, reagent storage tank, recycle water tank, absorber blowdown tank, etc.	3 days
82	Leave all tank drain valves open or remove. Install bird screens across openings.	2 days
83	Drain all makeup and mist eliminator water pumps and piping. Leave vent and drain valves open or remove. Install bird screens across drain openings.	2 days
84	Mechanically secure all flue gas isolation dampers in open position or remove damper blades.	2 days
85	Remove solids from all inlet and outlet ductwork as necessary	2 days
86	Open all vent station air and control air lines. Leave in open position or remove vent valves	2 days
87	Padlock or tack weld all access doors to modules and ductwork shut.	2 days
88	Remove access doors to open-top tanks.	1 day
89	Pull electrical supply breakers on all electrical equipment except lighting and HVAC components that are to remain in service.	3 days
90	**FGD Reagent Preparation-Limestone wet Scrubber**	**9 days**
91	Remove limestone from day bins.	2 days
92	Removed cartridges/bags from bin vent filters	2 days
93	Padlock or tack weld all bin access doors shut. (note: if doors are indoors, they could be removed and the opening covered with bird screens.)	1 day
94	Remove bin discharge isolation valve and install bird screen.	1 day
95	Thoroughly wash and drain mills	2 days
96	Remove balls from any ball mills	2 days



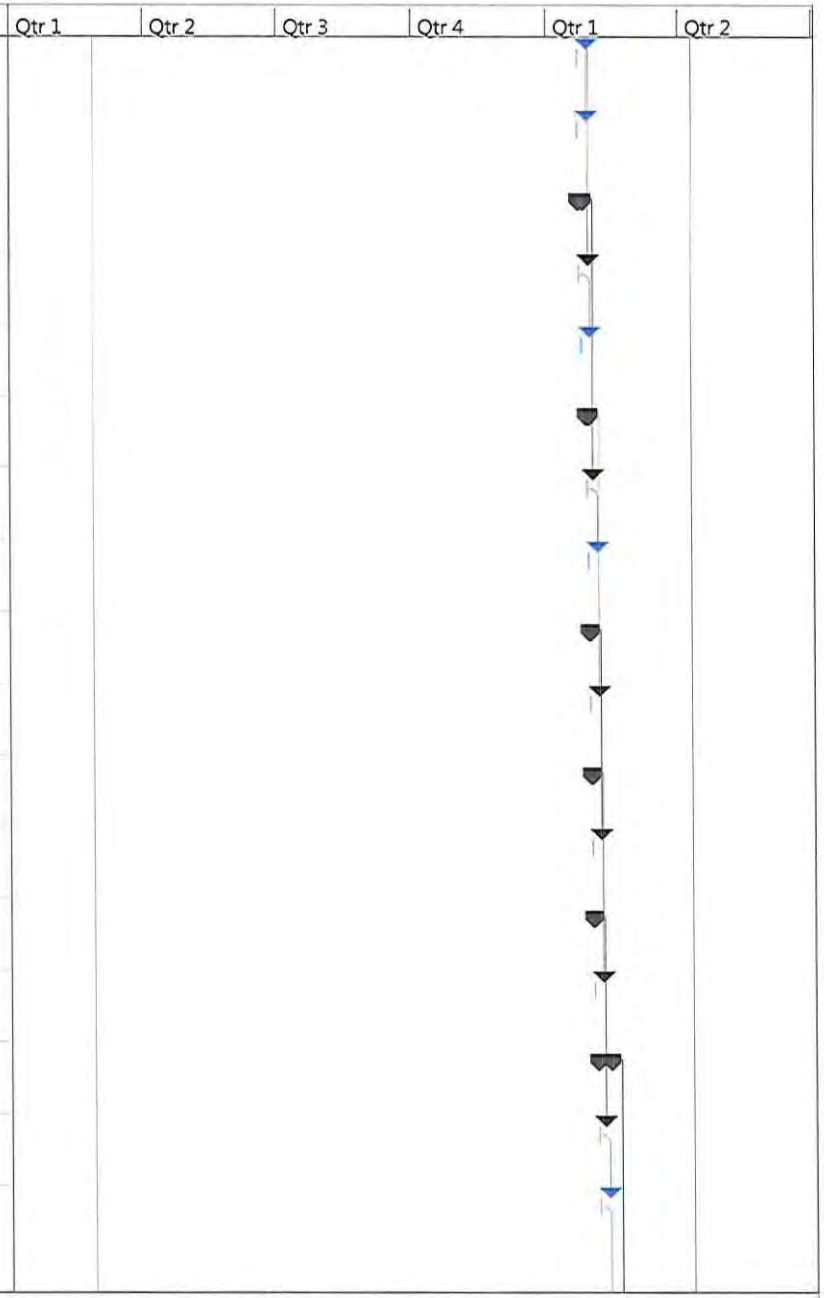
ID	Task Name	Duration
97	Padlock or tack weld mill access doors closed.	1 day
98	Establish natural ventilation or maintain HVAC fan to provide minimum air changes per hour in building.	1 day
99	Pull electrical supply breakers on all electrical equipment except lighting and HVAC components that are to remain in service.	2 days
100	**FGD Byproduct Dewatering - Hydrocyclones and Vacuum Filters**	**5 days**
101	Wash vacuum filter belt and remove all accumulated solids	2 days
102	Wash out vacuum receiver, remove pressure relief valve and access door. Install bird screens.	1 day
103	Establish natural ventilation or maintain HVAC fan to provide minimum air changes per hour in building.	1 day
104	Pull electrical supply breakers on all electrical equipment except lighting and HVAC components that are to remain in service.	3 days
105	**SCR**	**6 days**
106	Vacuum fly ash from catalyst.	4 days
107	Remove catalyst of salvage or disposal.	4 days
108	Padlock or tack weld access doors shut.	1 day
109	Remove ammonia from storage tank for resale.	1 day
110	Wash out and drain storage tank and supply piping.	1 day
111	Vent storage tank and all piping. Leave vent and drain valves open or remove. Install bird screens.	1 day
112	Pull electrical supply breakers on all electrical equipment except lighting and HVAC components that are to remain in service.	2 days



ID	Task Name	Duration
113	**Turbine(s) and Condenser**	**6 days**
114	Drain hotwell and leave doors open.	1 day
115	Open main turbine doors.	1 day
116	Open bfp turbine doors.	1 day
117	Remove lube oil.	3 days
118	**Generator**	**7 days**
119	Verify that generator circuit breaker is open and racked out or that high-voltage disconnect switch on substation side of GSU transformer is locked in the open position.	0.5 days
120	Verify that generator field breaker or contactor (if applicable) is open.	0.5 days
121	De-energize power supplies to generator excitation system at the source.	0.5 days
122	De-energize AC and DC power supplies to generator and exciter space heaters, cooling equipment, controls, lighting, etc. at the source and open circuit breakers or remove fuses at the generator and exciter.	0.5 days
123	Drain generator and exciter cooling water systems (if applicable).	1 day
124	Disconnect and remove hydrogen gas tanks and purge generator hydrogen system.	2 days
125	Disconnect and remove fire protection system gas/foam tanks and purge fire protection system.	2 days
126	**Circulation Water and Turbine Cooling Water System**	**3 days**
127	Drain.	2 days



ID	Task Name	Duration
128	Open water box doors.	1 day
129	Drain any circulating water chemical feed tanks.	1 day
130	**Compressed Air System**	**3 days**
131	Open vents and drains.	1 day
132	Remove desiccant from desiccant dryers.	2 days
133	**Auxiliary Steam System**	**2 days**
134	Drain water from system.	1 day
135	Remove aux boiler chemicals.	1 day
136	**Auxiliary Cooling Water System**	**1 day**
137	Drain water from system.	1 day
138	**Condenser Air Extraction and Waterbox Priming System**	**1 day**
139	Drain water from system.	1 day
140	**Building Heating System**	**1 day**
141	Drain water from system.	1 day
142	**Battery System**	**7 days**
143	De-energize all battery chargers from the source.	0.5 days
144	Open all AC and DC circuit breakers and/or fused switches on battery chargers and disconnect cables from batteries.	0.5 days



ID	Task Name	Duration
145	Remove and dispose of battery electrolyte.	3 days
146	Remove and dispose of battery cells.	2 days
147	Clean up and dispose of electrolyte on surface areas around batteries.	1 day
148	**Post Retirement Activities**	**40 days**
149	Post Retirement Activities	40 days

Iatan 1 Dismantlement

Owner Costs				
Pre-Dismantlement Activities		$1,104,559		
Overhead During Dismantlement		$2,004,866		
Post-Dismantlement Activities		$69,510		
Owner Costs Total			$3,178,936	
Demolition General Contractor (DGC) Costs				
Site Management		$1,331,047		
Equipment Rental		$2,280,632		
Consumables		$2,489,572		
Scrap Crew(s)		$2,220,576		
Dismantlement		$5,453,934		
DGC Insurance	2.00%	$275,515		
Contingency/Profit	15.00%	$2,107,691		
Performance Bond	2.00%	$323,179.36		
Contractor Costs Total:			$16,482,148	
Total:				$19,661,083
Owner Internal Costs:	5.00%			$983,054
Owner Contingency:	25.00%			$5,161,034
Iatan Unit 1 Dismantlement Opinion of Probable Cost:				$25,805,172

12-0027 Iatan Demolition

ID	Task Name	Cost
1	**Iatan Unit 1 Dismantlement**	**$13,372,345.33**
2	**Pre-Demolition Activities**	**$1,104,558.96**
3	Detailed Planning & Hire Owner's Engineer	$110,802.72
4	Detailed Site Characterization Study	$783,536.00
5	Hire Demolition General Contractor	$198,647.04
6	KCP&L Prepares Unit for Dismantlement	$11,573.20
7	Demolition Contractor Mobilizes on Site	$0.00
8	**KCP&L Overhead during Dismantlement**	**$2,004,866.33**
9	KCP&L Project Manager	$282,630.38
10	KCP&L Administrative Support	$104,541.59
11	KCP&L Engineer	$464,606.36
12	Owners Engineer Project Manager	$141,728.00
13	Owners Engineer - Engineer	$1,011,360.00
14	**Demoliton Contractor Overhead during Dismantlement**	**$969,151.12**
15	Demolition Contractor Project Manager	$274,202.38
16	Demolition Contractor Safety Manager	$244,171.18
17	Demolition Contractor Superintendent	$450,777.57
18	**Demolition Contractor Equipment Rental Costs**	**$1,633,380.67**
19	Equipment Rental	$1,633,380.67
20	**Demolition Contractor Consummables**	**$1,629,562.40**
21	Consummables	$1,629,562.40
22	**Scrap Crew**	**$1,591,412.80**
23	Crew to Handle Scrap Material(s)	$1,591,412.80
24	**Dismantlement**	**$4,369,902.64**
25	**Phase 1 Demolition**	**$1,075,134.32**
26	**Phase 1 Electrical Demolition**	**$439,040.24**
27	Electrical Demolition of Phase 1 Equipment	$439,040.24
28	**Condensate System**	**$109,178.32**
29	Condensate Pumps	$3,700.96
30	Condensate Transfer Pumps	$1,850.48
31	Cycle Make-Up Pump	$1,850.48
32	Steam Packing Exhauster and Blower	$3,700.96
33	Low Pressure Heaters (except the condenser neck heat exchangers)	$55,514.40
34	Deaerator	$14,803.84
35	Deaerator Storage Tank	$9,252.40
36	Condensate Piping	$18,504.80
37	**Boiler Feed System**	**$70,061.52**
38	Boiler Feed Pump Turbine and Exhaust	$14,547.12
39	Boiler Feed Pump	$18,504.80
40	High Pressure Heaters	$37,009.60
41	**Critical Piping**	**$83,271.60**
42	Main Steam Piping	$27,757.20
43	Cold Reheat Piping	$27,757.20
44	Hot Reheat Piping	$27,757.20
45	**Extraction Steam System**	**$18,504.80**
46	Piping	$18,504.80
47	**Heater Drips**	**$14,803.84**
48	Piping	$14,803.84
49	**Auxiliary Steam**	**$25,906.72**

12-0027 Iatan Demolition

ID	Task Name	Cost
50	Auxiliary Boilers and Auxiliary Skids	$9,252.40
51	Auxiliary Steam Piping	$16,654.32
52	**Circulating Water (plant side)**	**$9,252.40**
53	Waterboxes	$9,252.40
54	**Bearing Cooling Water**	**$31,458.16**
55	Bearing Cooling Water Pumps	$3,700.96
56	Bearing Cooling Water Heat Exchanger	$9,252.40
57	Bearing Cooling Water Piping	$18,504.80
58	**Auxiliary Cooling Water**	**$29,607.68**
59	Auxiliary Cooling Water Heat Exchanger	$5,551.44
60	Auxiliary Cooling Water Pumps	$5,551.44
61	Auxiliary Cooling Water Piping	$18,504.80
62	**Service Water**	**$9,252.40**
63	Service Water Piping	$9,252.40
64	**Fuel Oil System (plant side)**	**$42,561.04**
65	Igniter Fuel Oil Pumps	$5,551.44
66	Igniter Fuel Oil and Atomizing Air Piping	$9,252.40
67	Igniters	$27,757.20
68	**Waste Oil System**	**$12,953.36**
69	Waste Oil Tank	$3,700.96
70	Waste Oil Transfer Pump	$3,700.96
71	Waste Oil Piping	$5,551.44
72	**Air Preheat System**	**$10,576.08**
73	Air Preheat Pumps	$3,700.96
74	Air Preheat Piping	$6,875.12
75	**Condenser Air Extraction System**	**$11,102.88**
76	Vacuum Pumps	$7,401.92
77	Extraction Piping	$3,700.96
78	**Turbine Seals and Drains**	**$12,953.36**
79	Piping	$12,953.36
80	**Turbine Lube Oil System**	**$21,038.32**
81	Turbine Lube Oil Tank	$11,785.92
82	Turbine Lube Oil Pumps	$7,401.92
83	Turbine Oil Mist Eliminator	$1,850.48
84	**Generator Auxiliary Systems**	**$33,308.64**
85	Hydrogen Cooler Skid and Piping	$9,252.40
86	Stator Cooling Water Skid and Piping	$9,252.40
87	Isophase Bus Duct	$7,401.92
88	Exciter Heat Exchanger	$3,700.96
89	EHC Coolers	$3,700.96
90	**Chemical Feed Systems**	**$19,942.32**
91	Tanks	$8,839.44
92	Pumps	$5,551.44
93	Piping	$5,551.44
94	**Sampling Systems**	**$6,647.44**
95	Field Mounted Heat Exchangers	$3,700.96
96	Piping	$2,946.48
97	**Building Heating Systems**	**$13,750.24**
98	Steam Unit Heaters	$9,821.60

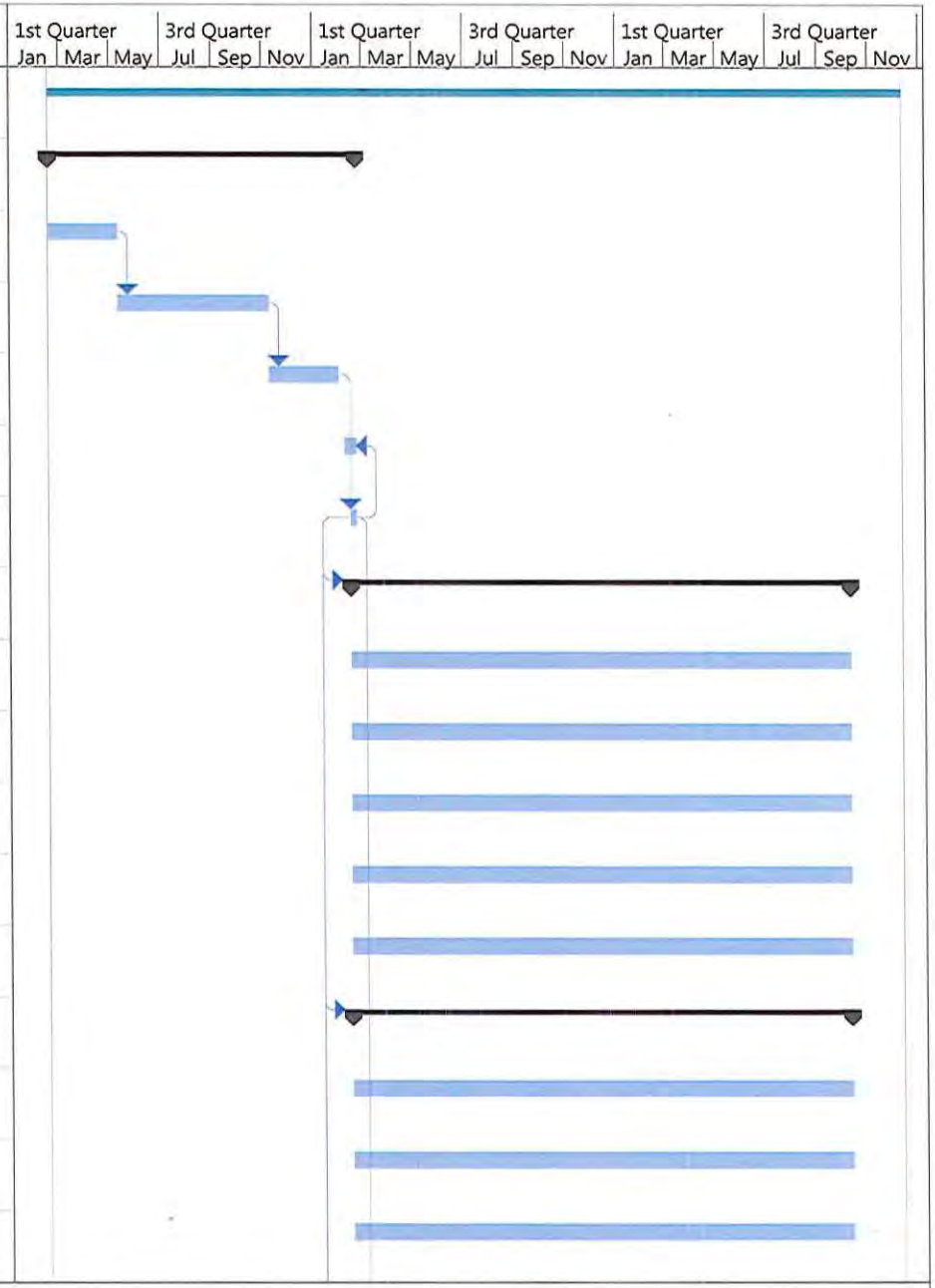
12-0027 Iatan Demolition

ID	Task Name	Cost
99	Steam Piping	$3,928.64
100	**Compressed Air System**	**$27,757.20**
101	Air Compressors	$7,401.92
102	Air Drying Equipment	$5,551.44
103	Air Reciever Tanks	$5,551.44
104	Compressed Air Piping	$9,252.40
105	**Miscellaneous Equipment**	**$22,205.76**
106	Miscellaneous Equipment (including Fire Protection)	$22,205.76
107	**Phase 2 Demolition**	**$3,025,879.52**
108	**Precipitator**	**$111,028.80**
109	Remove Precipitator	$111,028.80
110	**Boiler Equipment**	**$756,701.12**
111	Fans	$65,336.00
112	Pulverizers	$74,019.20
113	Bottom Ash	$16,995.84
114	Air Heater	$207,253.76
115	Steam Drum	$92,524.00
116	Coal Bunkers	$74,019.20
117	Coal Feeders	$48,112.48
118	Soot Blowers	$52,608.00
119	Ductwork	$103,626.88
120	Miscellaneous Other	$22,205.76
121	**Boiler Removal**	**$414,507.52**
122	Furnace	$236,861.44
123	Back Pass	$177,646.08
124	**Boiler Steel Framing**	**$747,593.92**
125	Hanger Girders at Top	$111,028.80
126	All Other Framing	$347,890.24
127	Bracing and Girts	$170,244.16
128	Columns	$118,430.72
129	**Boiler Foundations**	**$133,234.56**
130	Equipment Foundation Demolition to Grade	$133,234.56
131	**Remove Turbine**	**$862,813.60**
132	Remove HP Turbine	$27,188.00
133	Remove IP Turbine	$27,188.00
134	Remove LP Turbine	$27,188.00
135	Remove Generator	$54,376.00
136	Remove Condenser Neck Heat Exchanger	$27,188.00
137	Remove Condenser	$27,188.00
138	Remove Misc. Auxiliary Turbine Equipment	$40,782.00
139	**Turbine Pedestal Demolition to Grade**	**$277,317.60**
140	Top Slab and Beams	$108,752.00
141	Columns	$168,565.60
142	**Remove Turbine Building**	**$354,398.00**
143	Siding and Rooding	$112,340.00
144	All Framing Elevations	$163,128.00
145	Bracing and Girts	$54,376.00
146	Columns	$24,554.00
147	**Phase 3 Yard Demolition**	**$268,888.80**

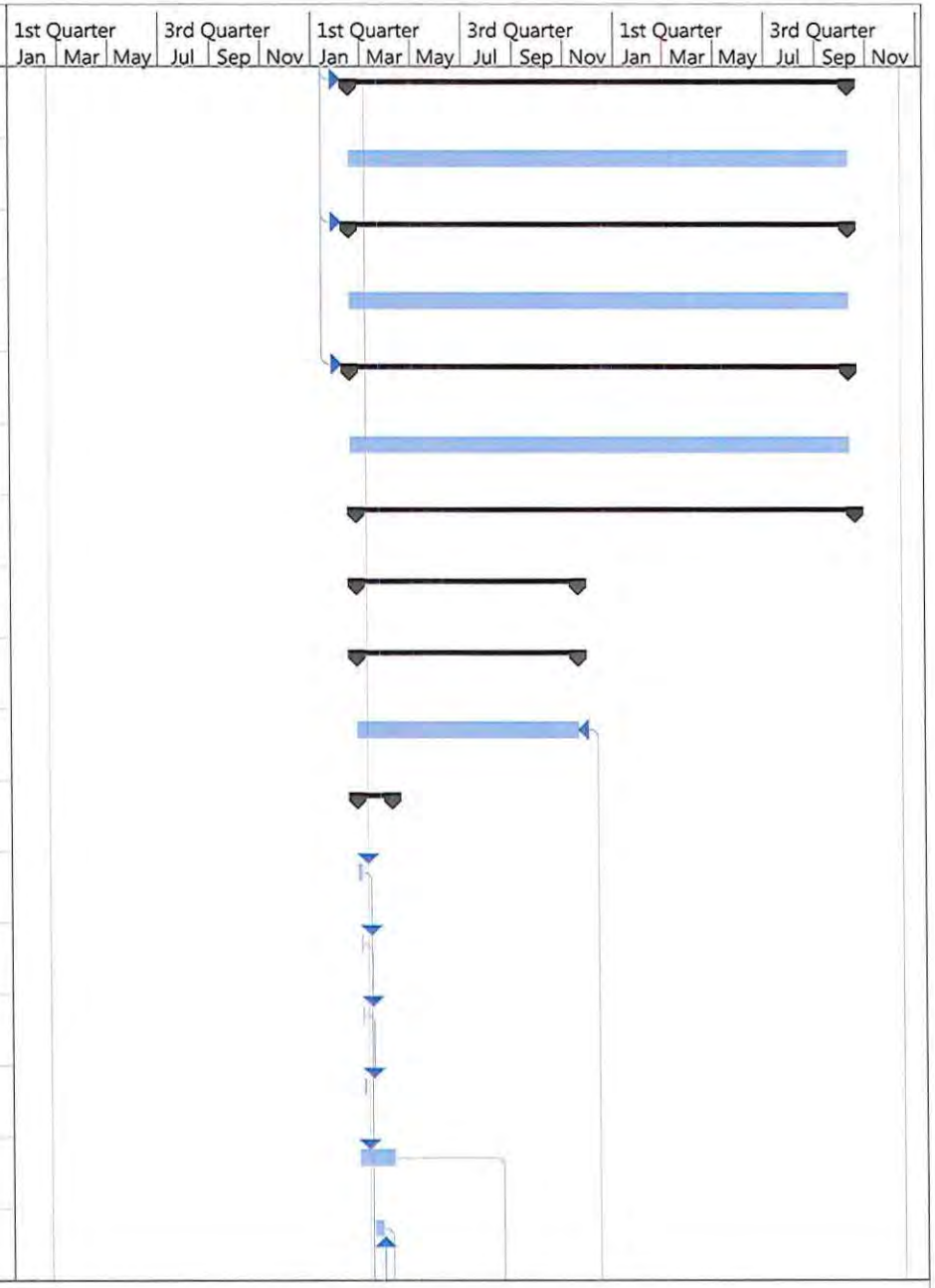
12-0027 Iatan Demolition

ID	Task Name	Cost
148	**Circulating Water Pipe (yard)**	**$74,019.20**
149	Excavate Circulating Water Pipe	$18,504.80
150	Collapse Circulating Water Pipe	$37,009.60
151	Backfill Circulating Water Pipe	$18,504.80
152	**Remove Ash Handling Equipment and Piping**	**$37,009.60**
153	Remove Fly-Ash Silo and Scale	$27,757.20
154	Remove Ash Piping and Misc. Equipment	$9,252.40
155	Remove Laydown Equipment and Warehoused Equipment	$74,019.20
156	Remove Unit 1 Condensate Storage Tank and Pump	$9,821.60
157	Remove Unit 1 Make-Up Water Storage Tank	$18,504.80
158	Remove Unit 1 Water Treatment Equipment and Building	$55,514.40
159	**Post Dismantlement Activities**	**$69,510.40**
160	Post Dismantlement Activities	$69,510.40

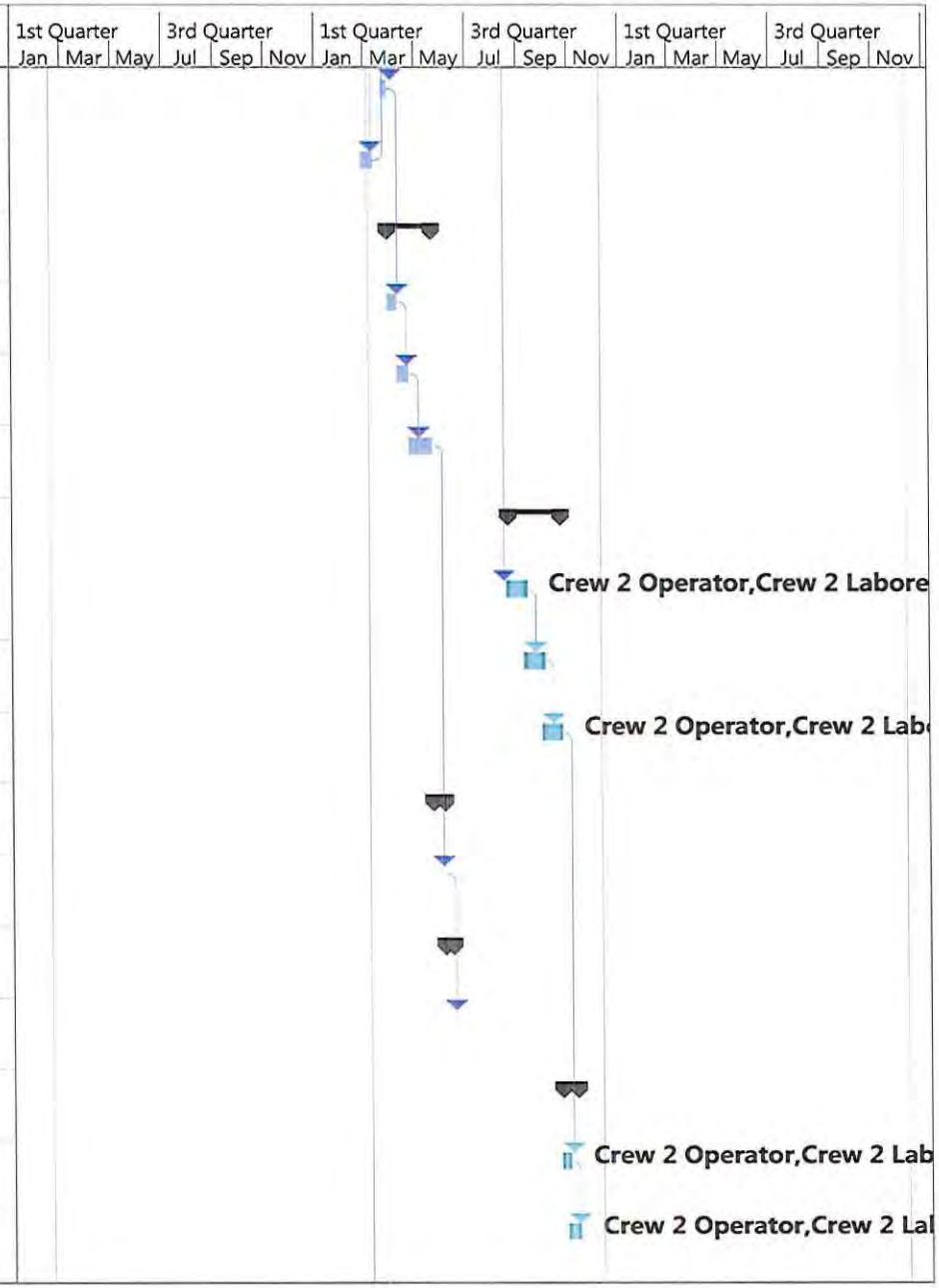
ID	Task Name	Duration
1	**Iatan Unit 1 Dismantlement**	
2	**Pre-Demolition Activities**	**265 days**
3	Detailed Planning & Hire Owner's Engineer	3 mons
4	Detailed Site Characterization Study	130 days
5	Hire Demolition General Contractor	3 mons
6	KCP&L Prepares Unit for Dismantlement	2 wks
7	Demolition Contractor Mobilizes on Site	5 days
8	**KCP&L Overhead during Dismantlement**	**430 days**
9	KCP&L Project Manager	430 days
10	KCP&L Administrative Support	430 days
11	KCP&L Engineer	430 days
12	Owners Engineer Project Manager	430 days
13	Owners Engineer - Engineer	430 days
14	**Demoliton Contractor Overhead during Dismantlement**	**430 days**
15	Demolition Contractor Project Manager	430 days
16	Demolition Contractor Safety Manager	430 days
17	Demolition Contractor Superintendent	430 days



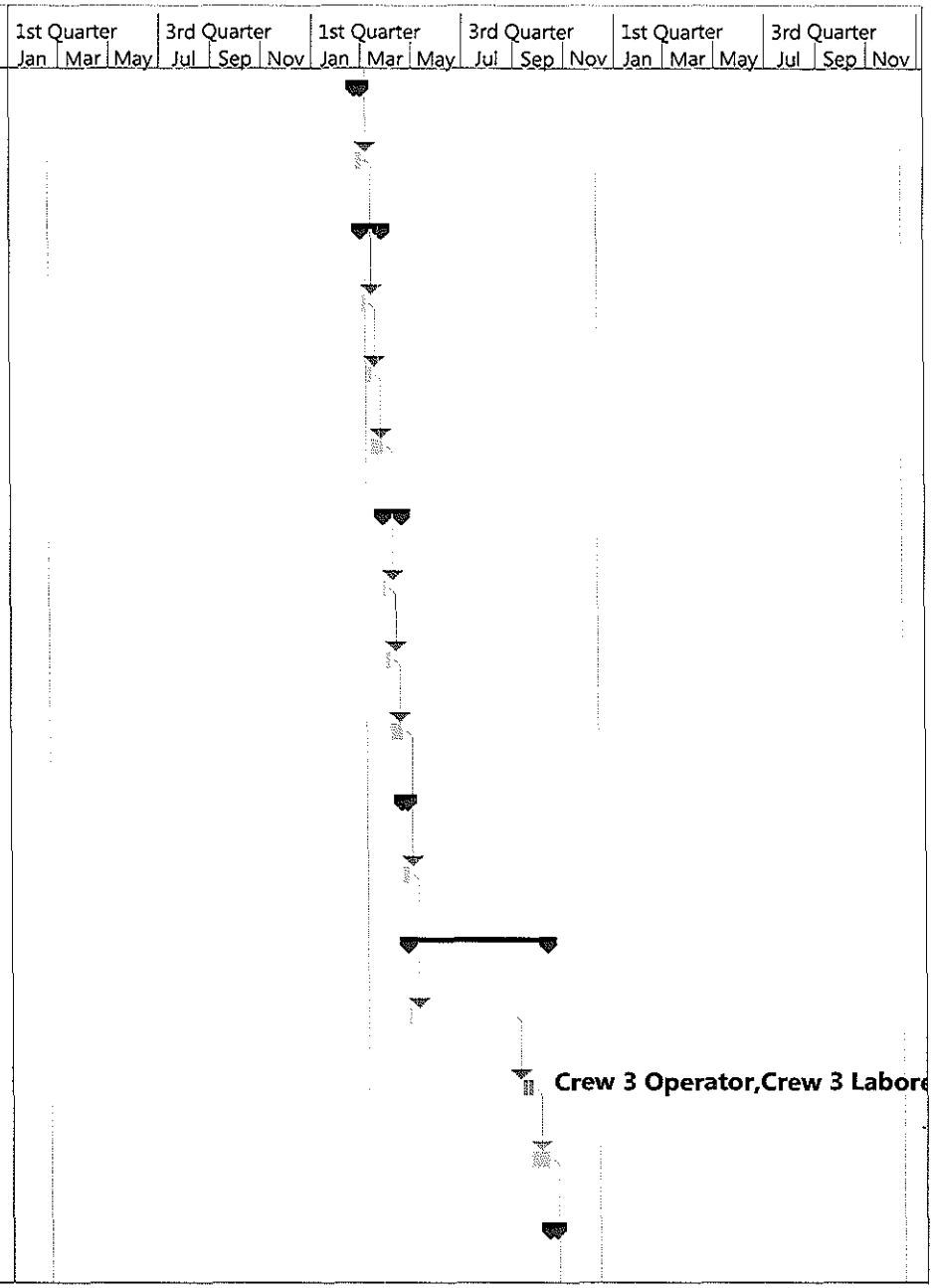
ID	Task Name	Duration
18	**Demolition Contractor Equipment Rental Costs**	**430 days**
19	Equipment Rental	430 days
20	**Demolition Contractor Consummables**	**430 days**
21	Consummables	430 days
22	**Scrap Crew**	**430 days**
23	Crew to Handle Scrap Material(s)	430 days
24	**Dismantlement**	**430 days?**
25	**Phase 1 Demolition**	**191 days?**
26	**Phase 1 Electrical Demolition**	**191 days**
27	Electrical Demolition of Phase 1 Equipment	191 days
28	**Condensate System**	**30 days**
29	Condensate Pumps	2 days
30	Condensate Transfer Pumps	1 day
31	Cycle Make-Up Pump	1 day
32	Steam Packing Exhauster and Blower	2 days
33	Low Pressure Heaters (except the condenser neck heat exchangers)	30 days
34	Deaerator	8 days



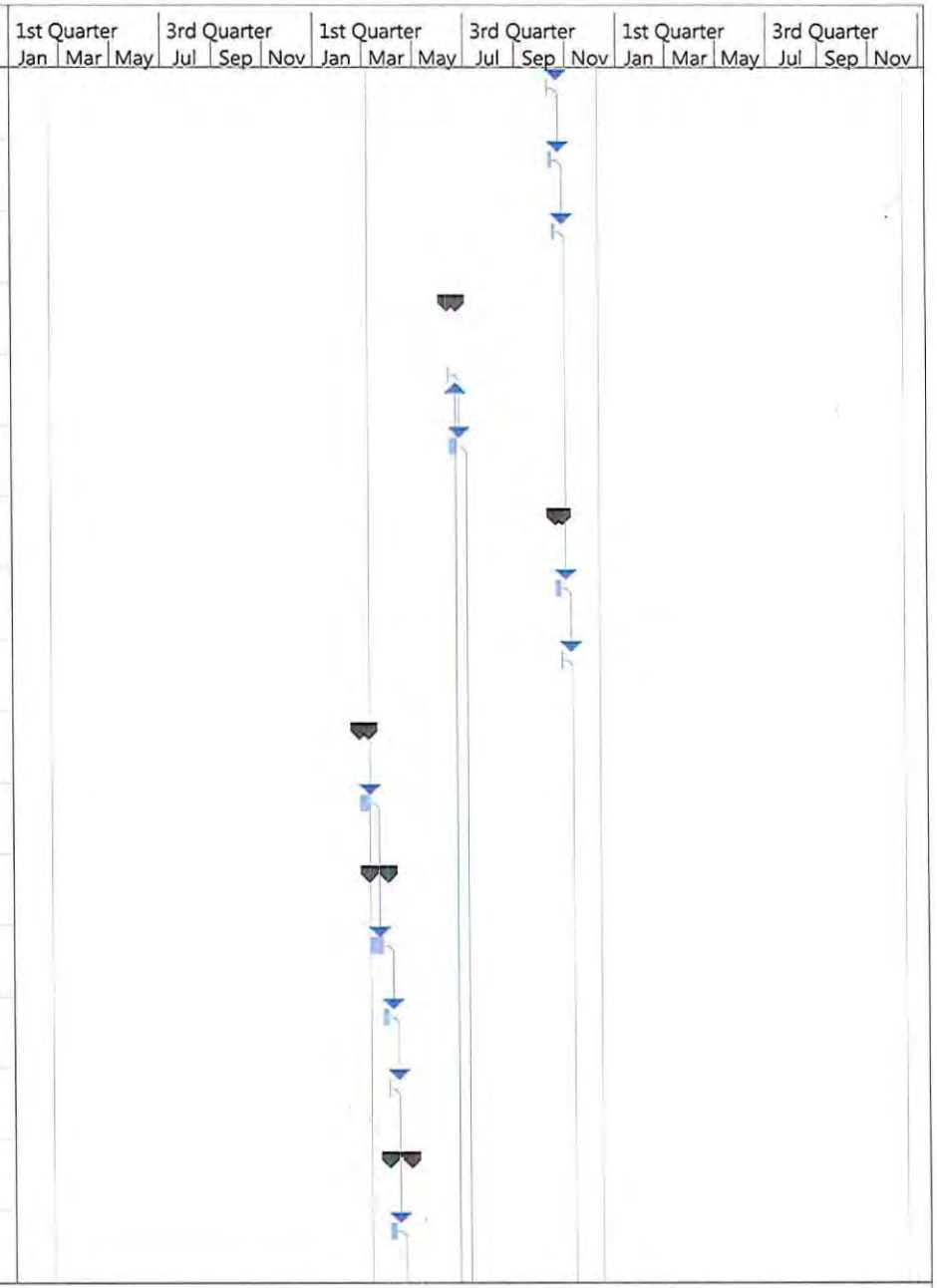
ID	Task Name	Duration
35	Deaerator Storage Tank	5 days
36	Condensate Piping	10 days
37	**Boiler Feed System**	**37 days**
38	Boiler Feed Pump Turbine and Exhaust	7 days
39	Boiler Feed Pump	10 days
40	High Pressure Heaters	20 days
41	**Critical Piping**	**45 days**
42	Main Steam Piping	15 days
43	Cold Reheat Piping	15 days
44	Hot Reheat Piping	15 days
45	**Extraction Steam System**	**10 days**
46	Piping	10 days
47	**Heater Drips**	**8 days**
48	Piping	8 days
49	**Auxiliary Steam**	**14 days**
50	Auxiliary Boilers and Auxiliary Skids	5 days
51	Auxiliary Steam Piping	9 days



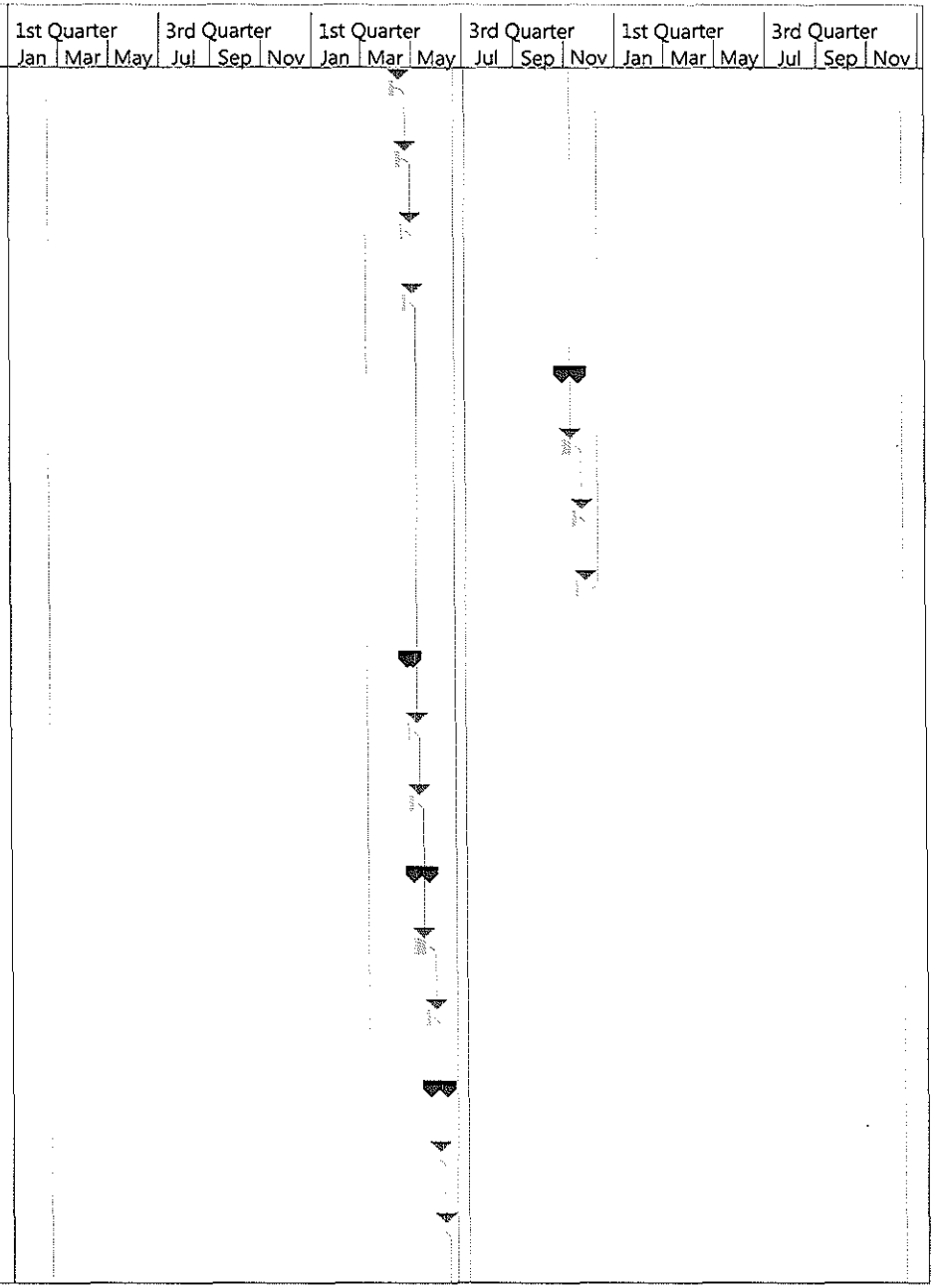
ID	Task Name	Duration
52	**Circulating Water (plant side)**	**5 days**
53	Waterboxes	5 days
54	**Bearing Cooling Water**	**17 days**
55	Bearing Cooling Water Pumps	2 days
56	Bearing Cooling Water Heat Exchanger	5 days
57	Bearing Cooling Water Piping	10 days
58	**Auxiliary Cooling Water**	**16 days**
59	Auxiliary Cooling Water Heat Exchanger	3 days
60	Auxiliary Cooling Water Pumps	3 days
61	Auxiliary Cooling Water Piping	10 days
62	**Service Water**	**5 days**
63	Service Water Piping	5 days
64	**Fuel Oil System (plant side)**	**120 days**
65	Igniter Fuel Oil Pumps	3 days
66	Igniter Fuel Oil and Atomizing Air Piping	5 days
67	Igniters	15 days
68	**Waste Oil System**	**7 days**



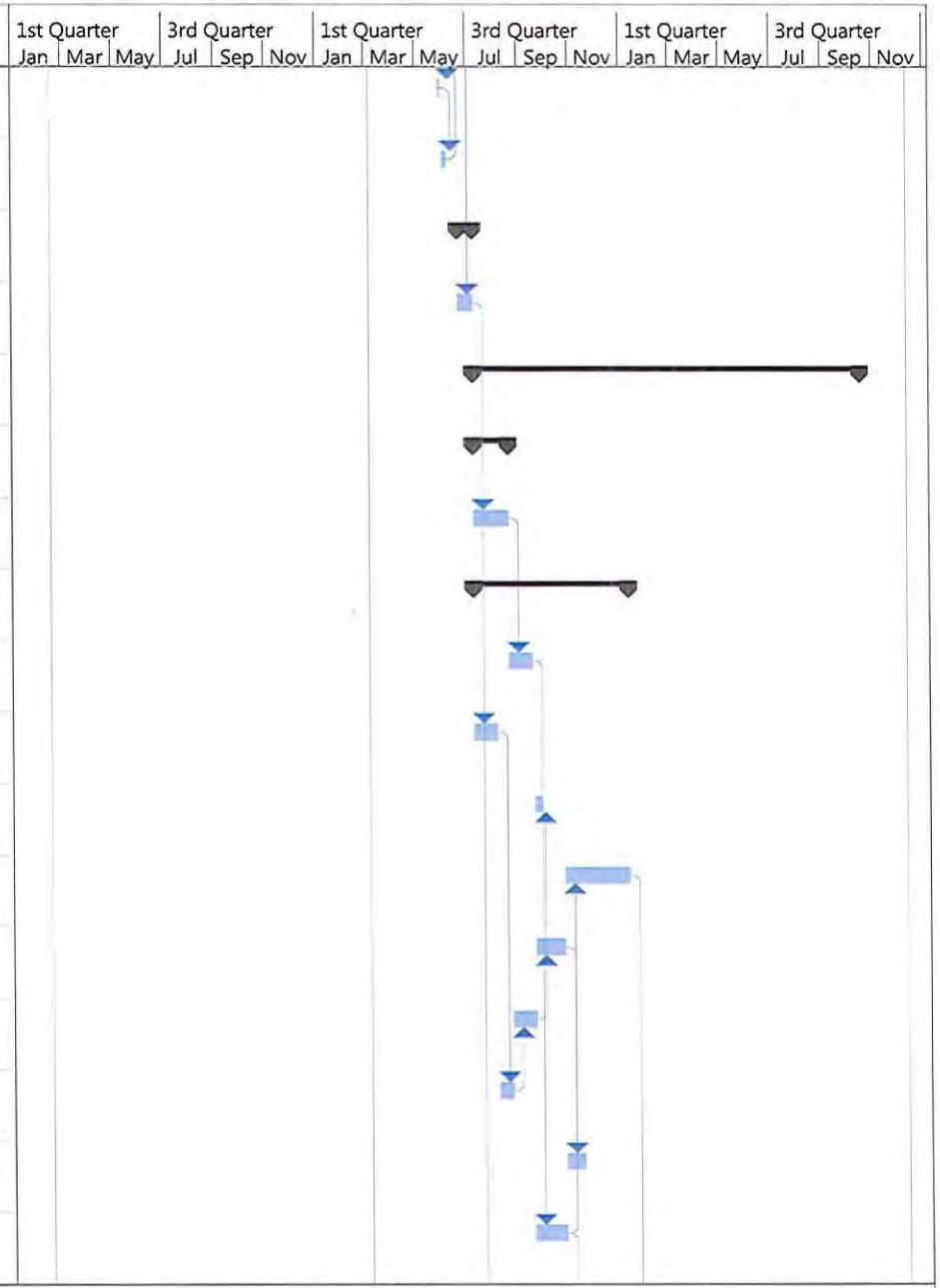
ID	Task Name	Duration
69	Waste Oil Tank	2 days
70	Waste Oil Transfer Pump	2 days
71	Waste Oil Piping	3 days
72	**Air Preheat System**	**9 days**
73	Air Preheat Pumps	2 days
74	Air Preheat Piping	7 days
75	**Condenser Air Extraction System**	**6 days**
76	Vacuum Pumps	4 days
77	Extraction Piping	2 days
78	**Turbine Seals and Drains**	**7 days**
79	Piping	7 days
80	**Turbine Lube Oil System**	**17 days?**
81	Turbine Lube Oil Tank	12 days
82	Turbine Lube Oil Pumps	4 days
83	Turbine Oil Mist Eliminator	1 day?
84	**Generator Auxiliary Systems**	**18 days**
85	Hydrogen Cooler Skid and Piping	5 days



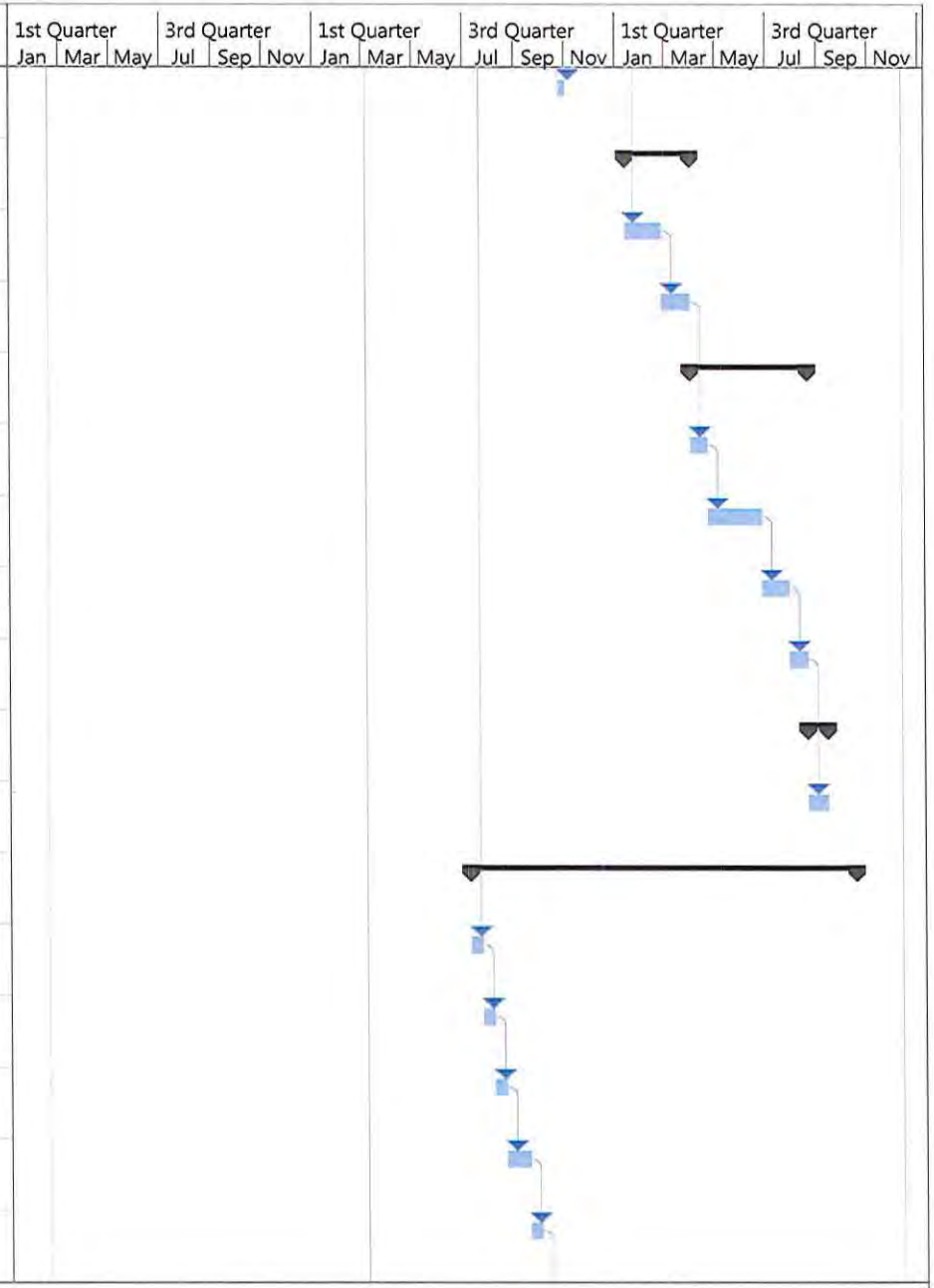
ID	Task Name	Duration
86	Stator Cooling Water Skid and Piping	5 days
87	Isophase Bus Duct	4 days
88	Exciter Heat Exchanger	2 days
89	EHC Coolers	2 days
90	**Chemical Feed Systems**	**15 days**
91	Tanks	9 days
92	Pumps	3 days
93	Piping	3 days
94	**Sampling Systems**	**5 days**
95	Field Mounted Heat Exchangers	2 days
96	Piping	3 days
97	**Building Heating Systems**	**14 days**
98	Steam Unit Heaters	10 days
99	Steam Piping	4 days
100	**Compressed Air System**	**15 days**
101	Air Compressors	4 days
102	Air Drying Equipment	3 days



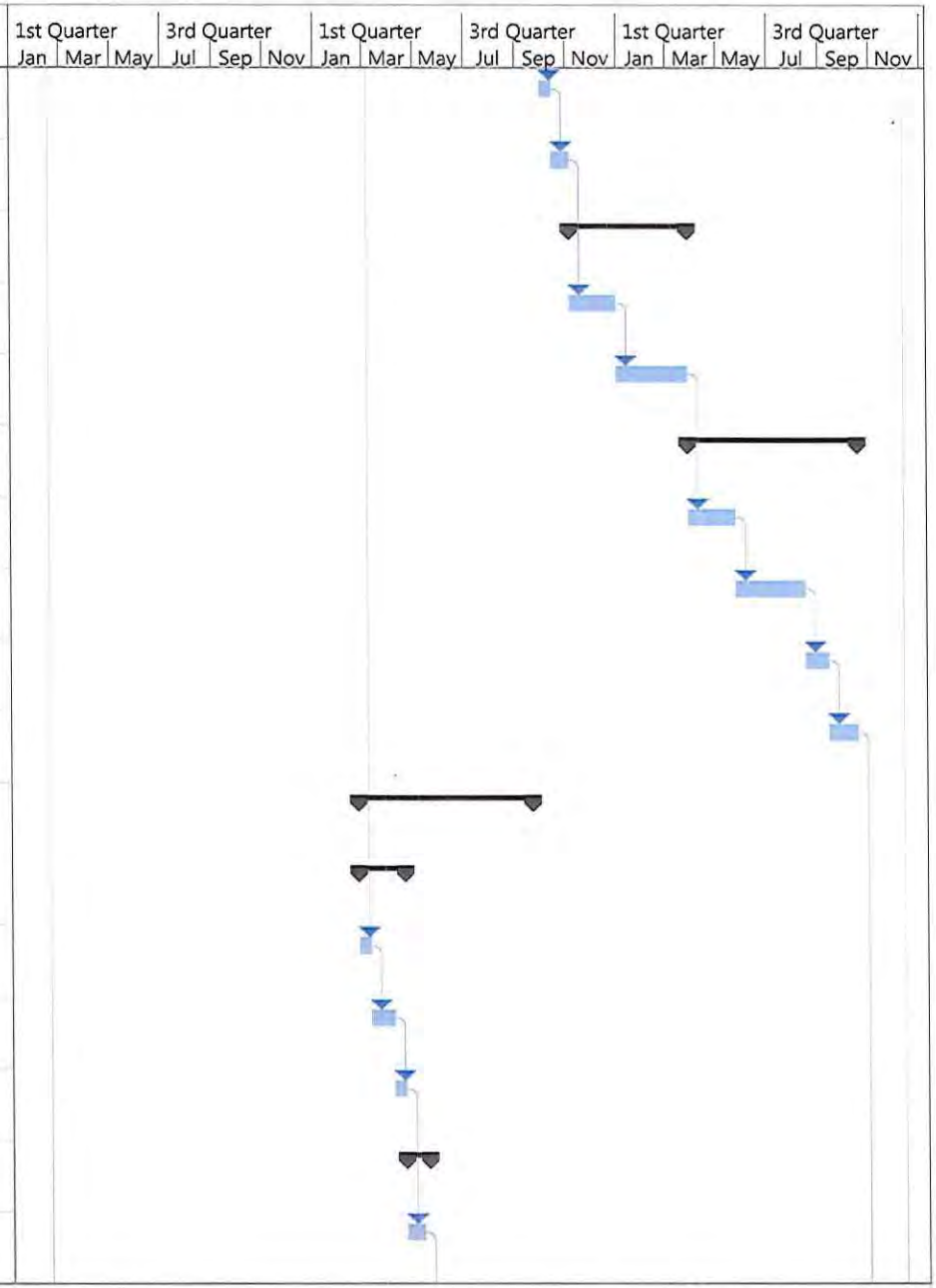
ID	Task Name	Duration
103	Air Reciever Tanks	3 days
104	Compressed Air Piping	5 days
105	**Miscellaneous Equipment**	**12 days**
106	Miscellaneous Equipment (including Fire Protection)	12 days
107	**Phase 2 Demolition**	**333 days**
108	**Precipitator**	**30 days**
109	Remove Precipitator	30 days
110	**Boiler Equipment**	**134 days**
111	Fans	20 days
112	Pulverizers	20 days
113	Bottom Ash	6 days
114	Air Heater	56 days
115	Steam Drum	25 days
116	Coal Bunkers	20 days
117	Coal Feeders	13 days
118	Soot Blowers	16 days
119	Ductwork	28 days



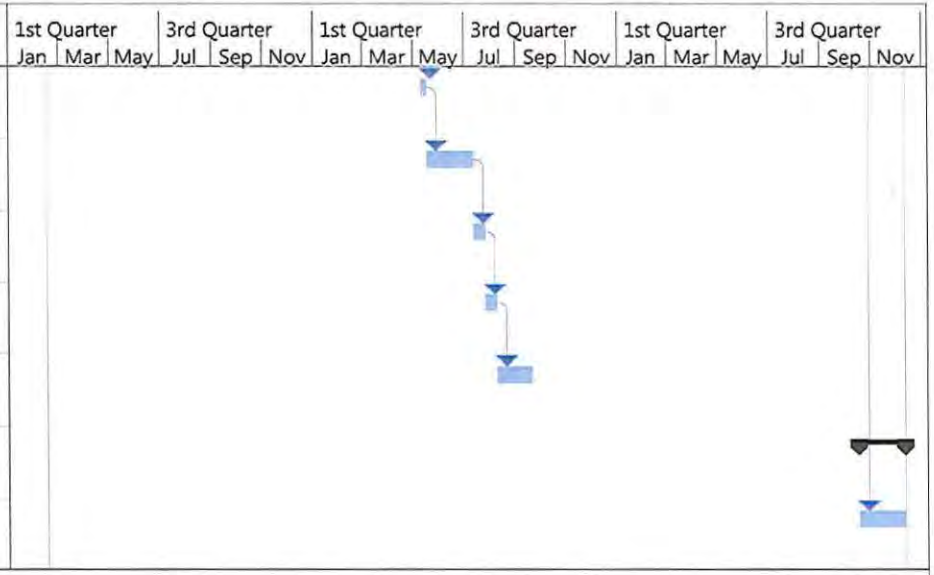
ID	Task Name	Duration
120	Miscellaneous Other	6 days
121	**Boiler Removal**	**56 days**
122	Furnace	32 days
123	Back Pass	24 days
124	**Boiler Steel Framing**	**101 days**
125	Hanger Girders at Top	15 days
126	All Other Framing	47 days
127	Bracing and Girts	23 days
128	Columns	16 days
129	**Boiler Foundations**	**18 days**
130	Equipment Foundation Demolition to Grade	18 days
131	**Remove Turbine**	**333 days**
132	Remove HP Turbine	10 days
133	Remove IP Turbine	10 days
134	Remove LP Turbine	10 days
135	Remove Generator	20 days
136	Remove Condenser Neck Heat Exchanger	10 days



ID	Task Name	Duration
137	Remove Condenser	10 days
138	Remove Misc. Auxiliary Turbine Equipment	15 days
139	**Turbine Pedestal Demolition to Grade**	**102 days**
140	Top Slab and Beams	40 days
141	Columns	62 days
142	**Remove Turbine Building**	**146 days**
143	Siding and Rooding	41 days
144	All Framing Elevations	60 days
145	Bracing and Girts	20 days
146	Columns	25 days
147	**Phase 3 Yard Demolition**	**150 days**
148	**Circulating Water Pipe (yard)**	**40 days**
149	Excavate Circulating Water Pipe	10 days
150	Collapse Circulating Water Pipe	20 days
151	Backfill Circulating Water Pipe	10 days
152	**Remove Ash Handling Equipment and Piping**	**20 days**
153	Remove Fly-Ash Silo and Scale	15 days



ID	Task Name	Duration
154	Remove Ash Piping and Misc. Equipment	5 days
155	Remove Laydown Equipment and Warehoused Equipment	40 days
156	Remove Unit 1 Condensate Storage Tank and Pump	10 days
157	Remove Unit 1 Make-Up Water Storage Tank	10 days
158	Remove Unit 1 Water Treatment Equipment and Building	30 days
159	**Post Dismantlement Activities**	**40 days**
160	Post Dismantlement Activities	40 days



Iatan AQCS

ID	Task Name	Cost
1	**Iatan Unit 1 AQCS Dismantlement**	**$3,582,351.80**
2	**Common Removal Overheads**	**$361,896.00**
3	Added Overhead Staff for Common Removals	$361,896.00
4	**Scrap Crew**	**$629,163.20**
5	Crew(s) to Handle Scrap Material	$629,163.20
6	**Demolition Contractor Consummables**	**$860,009.60**
7	Consummables	$860,009.60
8	**Demolition Contractor Equipment Rental Costs**	**$647,251.20**
9	Equipment Rental	$647,251.20
10	**Dismantlement**	**$1,084,031.80**
11	**Initial Structural**	**$134,621.84**
12	Remove SCR box & ductwork lagging & insulation	$18,504.80
13	Remove SCR expansion joints	$11,102.88
14	Remove ductwork lagging & insulation	$8,220.00
15	Remove ductwork expansion joints	$18,504.80
16	Remove ductwork access platforms & ladders	$18,504.80
17	Remove FF lagging, insulation, wall panel, & roof panels	$37,009.60
18	Remove ID fan lagging & insulation	$7,401.92
19	Removal all HVAC equipment located on FGD Bldg roof	$5,551.44
20	Remove FGD Bldg lagging, insulation, wall panel, & roof	$9,821.60
21	**General Electric**	**$259,746.32**
22	Remove breakers serving all FF equipment	$1,149.32
23	Remove breakers serving all FGD equipment	$2,298.64
24	Remove breakers serving all ID fan equipment	$1,149.32
25	Remove breakers serving all SCR equipment	$1,149.32
26	Remove breakers serving all comp air equipment	$1,149.32
27	Remove all ductwork primary instrumentation, controls & assoc'd cables, and cc	$11,493.20
28	Remove all FGD primary instrumentation, controls & assoc'd cables, and conduit	$34,479.60
29	Remove all FF primary instrumentation, controls & assoc'd cables, and conduit	$22,986.40
30	Remove SCR primary instrumentation, controls, & assoc'd cable & conduit	$11,493.20
31	Remove NH3 supply primary instrumentation, controls, & assoc'd cable & condu	$11,493.20
32	Remove wiring and conduit serving FGD equipment, HVAC, lighting and convenie	$45,972.80
33	Remove wiring and conduit serving FF equipment, HVAC, lighting and convenien	$22,986.40
34	Remove wiring and conduit serving the ID fans and assoc'd equipment	$27,583.68
35	Remove wiring & conduit serving SCR vaporization & injection equipment	$6,895.92
36	Remove wiring & conduit serving compressed air equipment	$6,895.92
37	Remove wiring & conduit serving comp air equipment	$4,597.28
38	Remove electrial control cabinets & switchgear	$22,986.40
39	Demolish electrical control room	$22,986.40
40	**FGD System**	**$207,758.20**
41	Remove ductwork between FGD module and chimney	$8,220.00
42	Remove support steel and access platforms between FGD and chimney	$5,551.44
43	Remove FGD elevator	$9,252.40
44	Remove all mechanical equipment, pumps, and motors and tanks in FGD Bldg	$37,009.60
45	Remove oxi air blowers	$925.24
46	Remove all FGD piping & valves other than recirc piping	$27,757.20
47	Remove ox air lines	$5,551.44
48	Remove FGD MEs panels	$9,864.00
49	Remove FGD outlet duct and top cone	$5,551.44

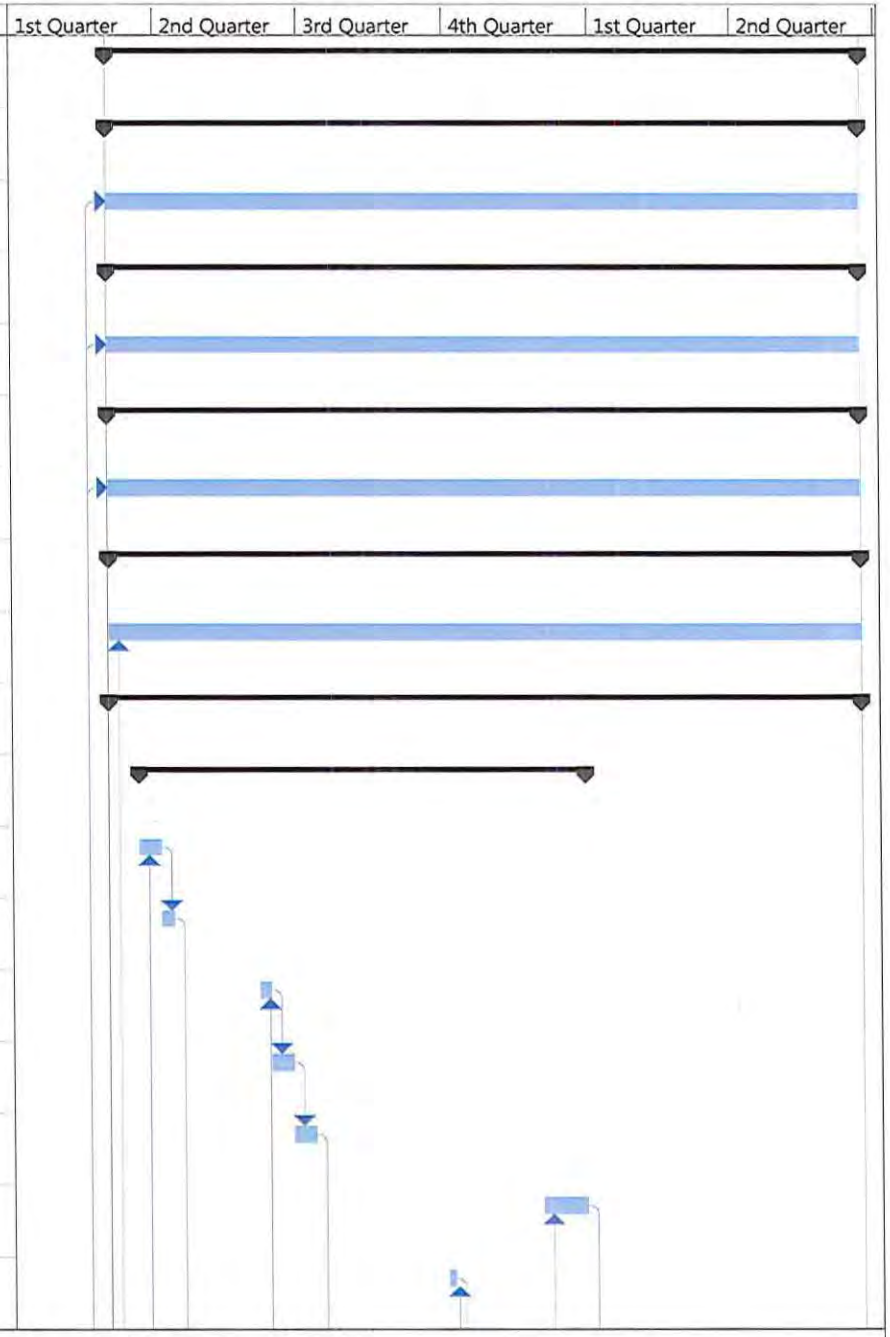
Iatan AQCS

ID	Task Name	Cost
50	Remove FGD internal wash ME piping and ME supports	$5,551.44
51	Remove FGD internal spray header piping	$9,252.40
52	Remove FGD support steel, access provisions, stair tower, and recirc piping from	$37,009.60
53	Remove FGD module walls	$18,504.80
54	Remove FGD inlet duct	$5,551.44
55	Remove FGD reaction tank walls and floor	$18,504.80
56	Remove FGD Bldg trench floor grating	$3,700.96
57	**ID Fans**	**$81,421.12**
58	Remove ductwork between ID fan outlets and FGD module	$12,953.36
59	Remove support steel and access platforms between ID fan outlets and FGD mo	$5,551.44
60	Remove ductwork between FF outlet and ID fan inlets	$12,953.36
61	Remove support steel between FF outlet and ID fan inlets	$5,551.44
62	Removed ID fan isolation dampers	$14,803.84
63	Removed ID fan drive motor	$7,401.92
64	Remove ID fan seal air system	$7,401.92
65	Remove fan casing & rotor	$14,803.84
66	**Fabric Filters**	**$324,614.64**
67	Remove ductwork between air heater and FF	$9,252.40
68	Remove ductwork structural steel between AH and FF	$5,551.44
69	Remove FF penthouse hoists and trolleys	$7,401.92
70	Remove FF hopper heaters, HVAC, lighting and convenience outlets	$22,986.40
71	Remove FF ash handling piping	$27,757.20
72	Remove compress air blower, dryers, and receivers, piping & valves	$18,504.80
73	Remove FF penthouse roof panels supporting steel	$18,504.80
74	Remove FF compartment roof hatches	$5,551.44
75	Remove FF compartment pulse air piping	$5,551.44
76	Remove FF compartment pulse air and compressed air supply piping	$11,102.88
77	Remove FF outlet poppet damper operators	$12,953.36
78	Remove FF bags & cages	$25,906.72
79	Remove FF bag support sheets	$25,906.72
80	Remove remaining FF roof	$7,401.92
81	Remove FF outlet dampers	$7,401.92
82	Remove ductwork between air heater and FF	$9,252.40
83	Remove FF wall panels to hopper level	$51,813.44
84	Remove ductwork structural steel between AH and FF	$5,551.44
85	Remove FF stair tower(s)	$18,504.80
86	Remove FF inlet dampers	$7,401.92
87	Remove FF hoppers	$12,953.36
88	Remove FF support steel	$7,401.92
89	**SCR and Ammonia Supply**	**$75,869.68**
90	Vacuum SCR catalyst	$3,700.96
91	Remove SCR catalyst	$16,654.32
92	Remove ammonia injection grid	$3,700.96
93	Remove NH3 piping between storage & injection	$3,700.96
94	Remove air horn air receiver & supply piping	$3,700.96
95	Remove SCR guillotine dampers	$7,401.92
96	Remove SCr muliti-louver dampers	$3,700.96
97	Remove SCR box, internal supports, & assoc'd ductwork	$27,757.20
98	Remove NH3 piping between storage & vaporizors	$5,551.44

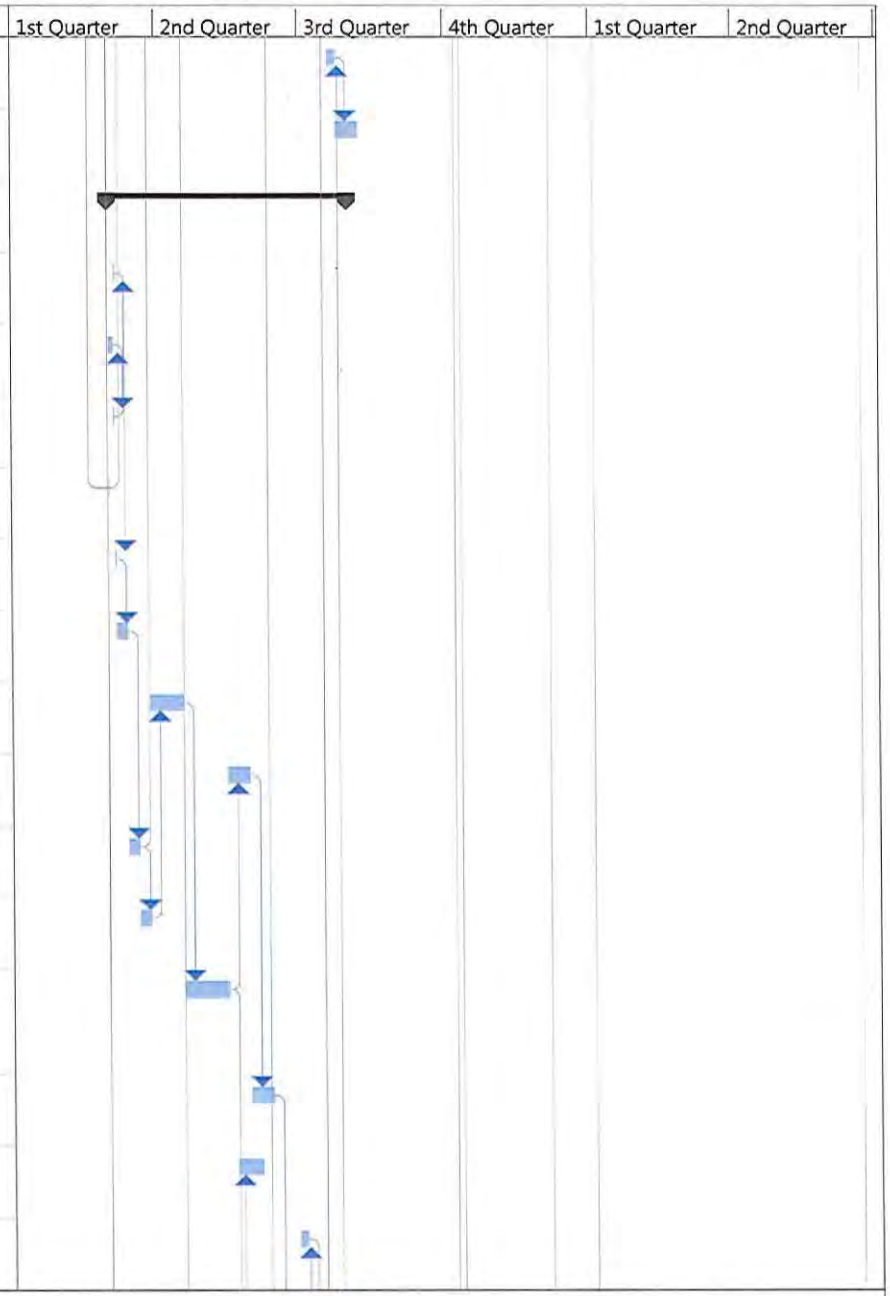
Iatan AQCS

ID	Task Name	Cost
99	**Site Preperation Work**	**$0.00**
100	<New Task>	$0.00

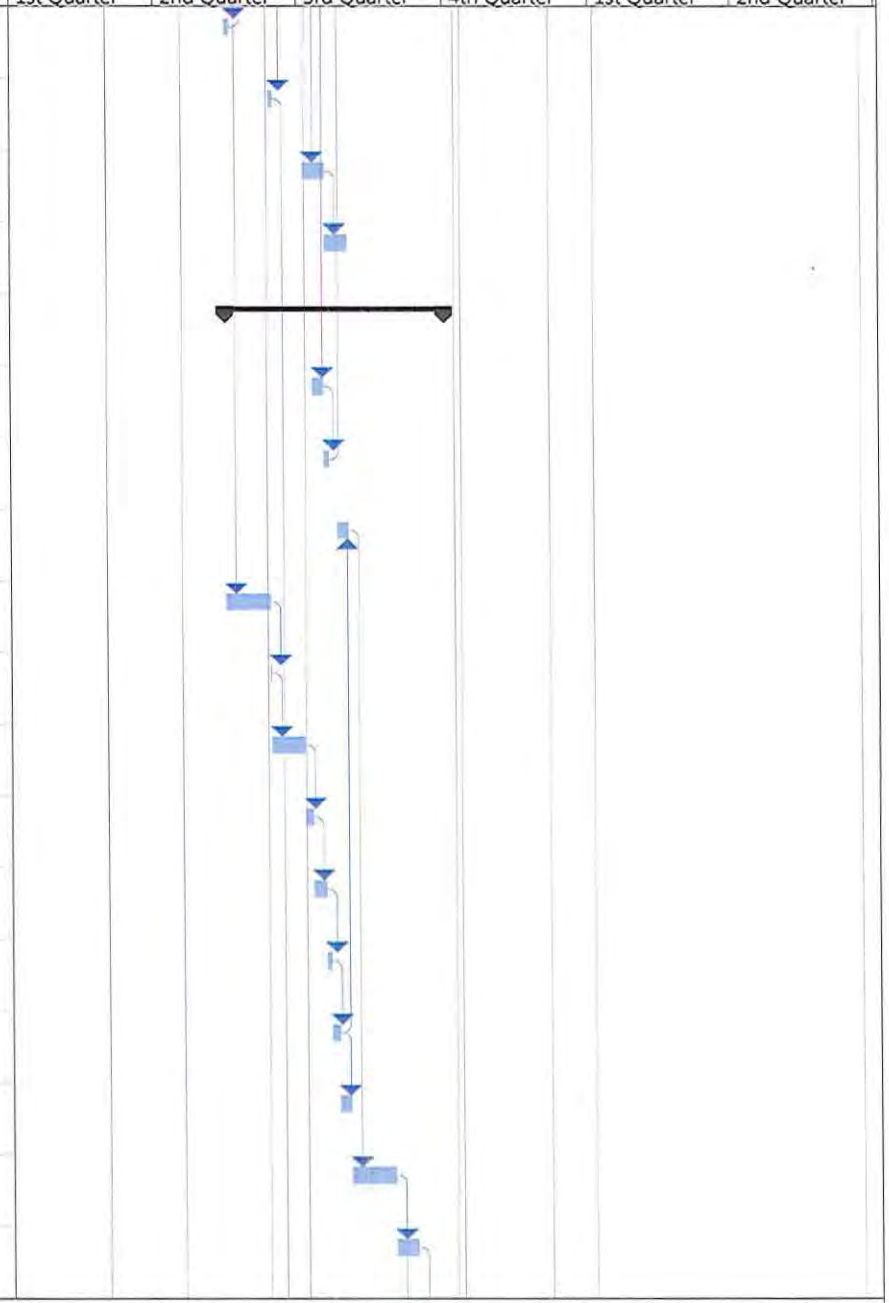
ID	Task Name	Duration
1	**Iatan Unit 1 AQCS Dismantlement**	**340.5 days**
2	**Common Removal Overheads**	**340 days**
3	Added Overhead Staff for Common Removals	340 days
4	**Scrap Crew**	**340 days**
5	Crew(s) to Handle Scrap Material	340 days
6	**Demolition Contractor Consummables**	**340 days**
7	Consummables	340 days
8	**Demolition Contractor Equipment Rental Costs**	**340 days**
9	Equipment Rental	340 days
10	**Dismantlement**	**340.5 days**
11	**Initial Structural**	**202.5 days**
12	Remove SCR box & ductwork lagging & insulation	10 days
13	Remove SCR expansion joints	6 days
14	Remove ductwork lagging & insulation	5 days
15	Remove ductwork expansion joints	10 days
16	Remove ductwork access platforms & ladders	10 days
17	Remove FF lagging, insulation, wall panel, & roof panels	20 days
18	Remove ID fan lagging & insulation	4 days



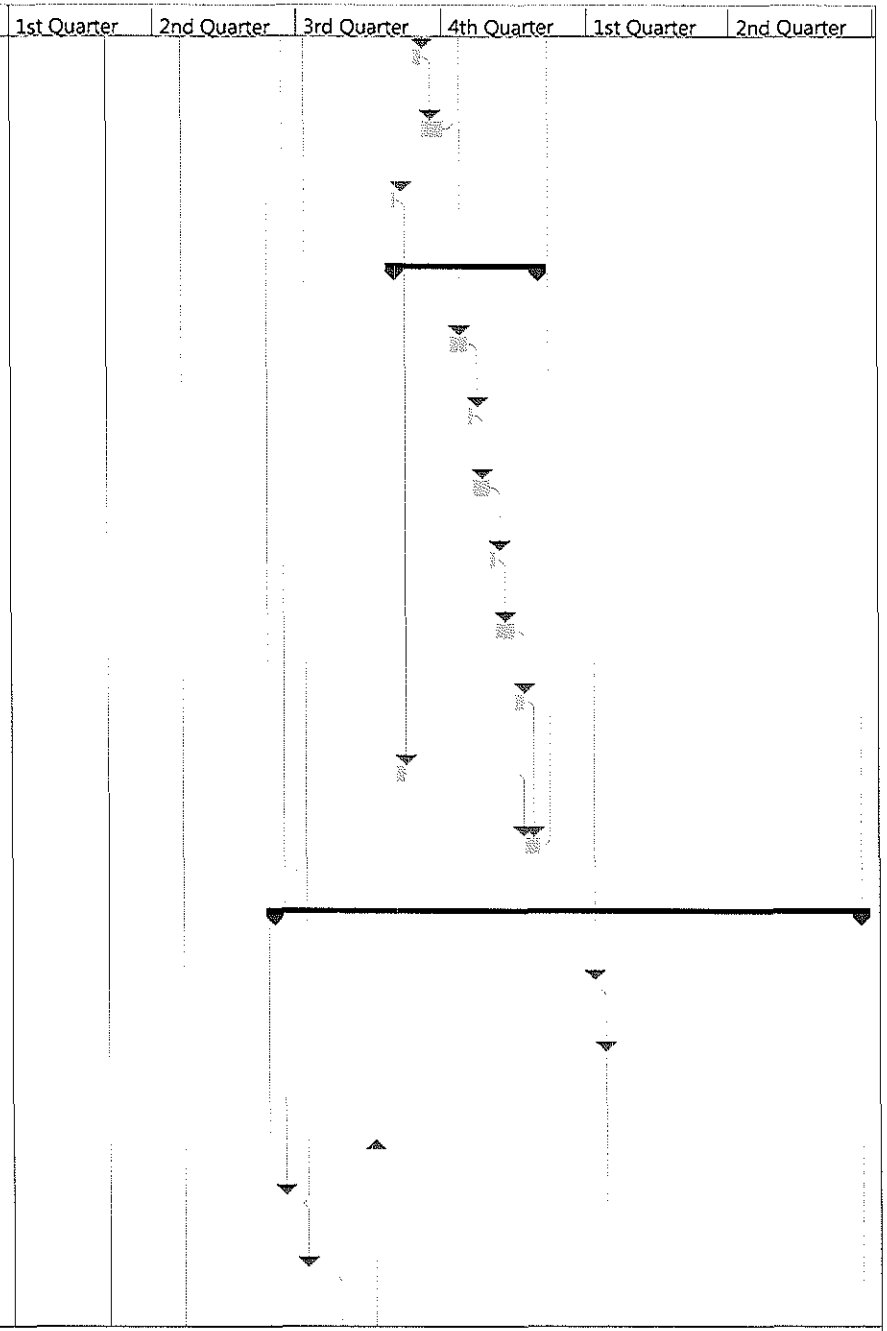
ID	Task Name	Duration
19	Removal all HVAC equipment located on FGD Bldg roof	3 days
20	Remove FGD Bldg lagging, insulation, wall panel, & roof	10 days
21	**General Electric**	**108 days**
22	Remove breakers serving all FF equipment	0.5 days
23	Remove breakers serving all FGD equipment	1 day
24	Remove breakers serving all ID fan equipment	0.5 days
25	Remove breakers serving all SCR equipment	0.5 days
26	Remove breakers serving all comp air equipment	0.5 days
27	Remove all ductwork primary instrumentation, controls & assoc'd cables, and conduit	5 days
28	Remove all FGD primary instrumentation, controls & assoc'd cables, and conduit	15 days
29	Remove all FF primary instrumentation, controls & assoc'd cables, and conduit	10 days
30	Remove SCR primary instrumentation, controls, & assoc'd cable & conduit	5 days
31	Remove NH3 supply primary instrumentation, controls, & assoc'd cable & conduit	5 days
32	Remove wiring and conduit serving FGD equipment, HVAC, lighting and convenience outlets	20 days
33	Remove wiring and conduit serving FF equipment, HVAC, lighting and convenience outlets	10 days
34	Remove wiring and conduit serving the ID fans and assoc'd equipment	12 days
35	Remove wiring & conduit serving SCR vaporization & injection equipment	3 days



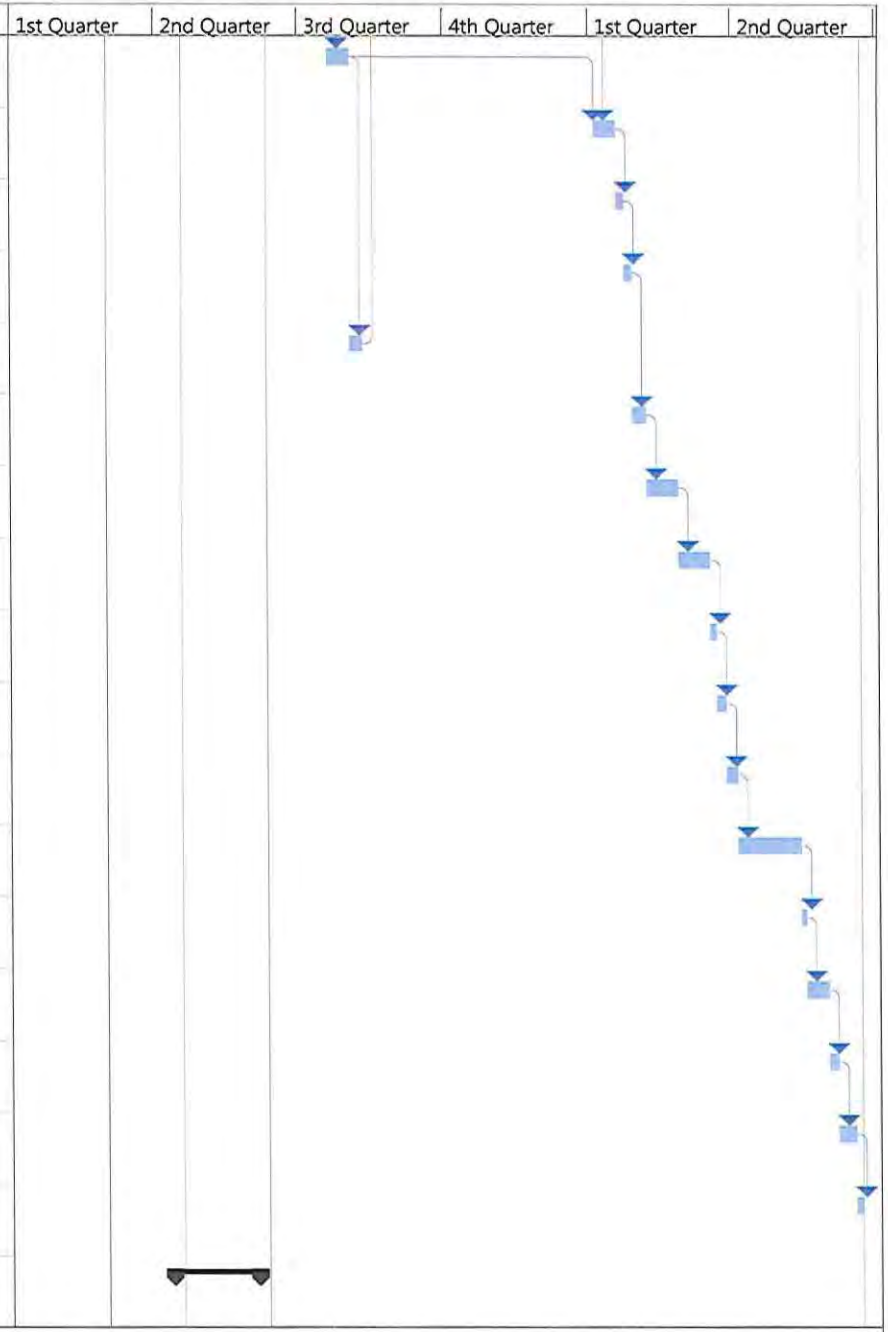
ID	Task Name	Duration
36	Remove wiring & conduit serving compressed air equipment	3 days
37	Remove wiring & conduit serving comp air equipment	2 days
38	Remove electrial control cabinets & switchgear	10 days
39	Demolish electrical control room	10 days
40	**FGD System**	**98.5 days**
41	Remove ductwork between FGD module and chimney	5 days
42	Remove support steel and access platforms between FGD and chimney	3 days
43	Remove FGD elevator	5 days
44	Remove all mechanical equipment, pumps, and motors and tanks in FGD Bldg	20 days
45	Remove oxi air blowers	0.5 days
46	Remove all FGD piping & valves other than recirc piping	15 days
47	Remove ox air lines	3 days
48	Remove FGD MEs panels	6 days
49	Remove FGD outlet duct and top cone	3 days
50	Remove FGD internal wash ME piping and ME supports	3 days
51	Remove FGD internal spray header piping	5 days
52	Remove FGD support steel, access provisions, stair tower, and recirc piping from top down	20 days
53	Remove FGD module walls	10 days



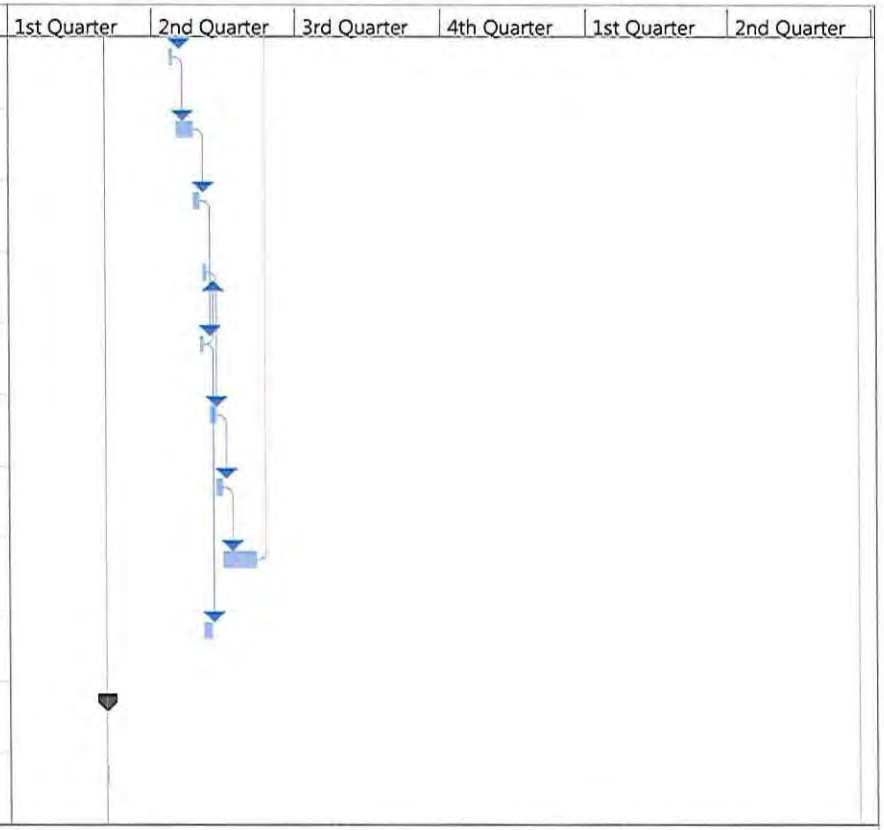
ID	Task Name	Duration
54	Remove FGD inlet duct	3 days
55	Remove FGD reaction tank walls and floor	10 days
56	Remove FGD Bldg trench floor grating	2 days
57	**ID Fans**	**65 days**
58	Remove ductwork between ID fan outlets and FGD module	7 days
59	Remove support steel and access platforms between ID fan outlets and FGD module	3 days
60	Remove ductwork between FF outlet and ID fan inlets	7 days
61	Remove support steel between FF outlet and ID fan inlets	3 days
62	Removed ID fan isolation dampers	8 days
63	Removed ID fan drive motor	4 days
64	Remove ID fan seal air system	4 days
65	Remove fan casing & rotor	8 days
66	**Fabric Filters**	**265.5 days**
67	Remove ductwork between air heater and FF	5 days
68	Remove ductwork structural steel between AH and FF	3 days
69	Remove FF penthouse hoists and trolleys	4 days
70	Remove FF hopper heaters, HVAC, lighting and convenience outlets	10 days
71	Remove FF ash handling piping	15 days



ID	Task Name	Duration
72	Remove compress air blower, dryers, and receivers, piping & valves	10 days
73	Remove FF penthouse roof panels supporting steel	10 days
74	Remove FF compartment roof hatches	3 days
75	Remove FF compartment pulse air piping	3 days
76	Remove FF compartment pulse air and compressed air supply piping	6 days
77	Remove FF outlet poppet damper operators	7 days
78	Remove FF bags & cages	14 days
79	Remove FF bag support sheets	14 days
80	Remove remaining FF roof	4 days
81	Remove FF outlet dampers	4 days
82	Remove ductwork between air heater and FF	5 days
83	Remove FF wall panels to hopper level	28 days
84	Remove ductwork structural steel between AH and FF	3 days
85	Remove FF stair tower(s)	10 days
86	Remove FF inlet dampers	4 days
87	Remove FF hoppers	7 days
88	Remove FF support steel	4 days
89	**SCR and Ammonia Supply**	**38 days**



ID	Task Name	Duration
90	Vacuum SCR catalyst	2 days
91	Remove SCR catalyst	9 days
92	Remove ammonia injection grid	2 days
93	Remove NH3 piping between storage & injection	2 days
94	Remove air horn air receiver & supply piping	2 days
95	Remove SCR guillotine dampers	4 days
96	Remove SCr muliti-louver dampers	2 days
97	Remove SCR box, internal supports, & assoc'd ductwork	15 days
98	Remove NH3 piping between storage & vaporizors	3 days
99	**Site Preperation Work**	**1 day**
100	<New Task>	1 day



UNIT 2

Iatan 2 Retirement

Owner Costs			
Pre-Retirement Activities		$106,968	
Retirement Activities		$702,911	
Post-Retirement Activities		$28,182	
Owner Direct Total			$838,061
Owner Internal Costs	5.00%		$41,903
Owner Contingency:	25.00%		$219,991
Iatan 2 Retirement Opinion of Probable Cost:			$1,099,956

Iatan 2 Retirement

ID	Task Name	Cost
0	**Iatan 2 Retirement**	**$838,061.41**
1	**Iatan 2 Retirement**	**$838,061.41**
2	**Pre-Engineering**	**$106,967.52**
3	Permit review and engineering analysis, establish isolation points, and confirm fi	$0.00
4	**KCL&L Overhead Costs**	**$120,939.52**
5	KCP&L Retirement Manager	$120,939.52
6	**Equipment Rentals**	**$40,538.88**
7	Vacuum truck	$40,538.88
8	**Retirement**	**$541,433.09**
9	**Electrical**	**$20,553.92**
10	**Medium and Low Voltage Draw out Switchgear**	**$2,903.52**
11	De-energize all buses at the source.	$483.92
12	Open all circuit breakers.	$483.92
13	Rack all circuit breakers into the fully withdrawn, disconnected position.	$483.92
14	Verify that the closing/tripping springs are discharged.	$483.92
15	De-energize control power and auxiliary power circuits of each circuit breal	$967.84
16	**Motor Control Centers**	**$1,935.68**
17	De-energize all buses at the source.	$483.92
18	Open all circuit breakers and disconnect switches.	$483.92
19	Remove all fuses in control circuits.	$967.84
20	**Low-voltage Switchboards and Panelboards**	**$967.84**
21	De-energize all buses at the source.	$483.92
22	Open all circuit breakers and disconnect switches.	$483.92
23	**Oil-Filled Power Transformers**	**$6,072.32**
24	De-energize all transformer primaries and verify that the secondary is de-ei	$967.84
25	De-energize all low-voltage AC or DC power sources for space heaters, cool	$967.84
26	Drain and dispose of oil.	$2,867.52
27	Clean up and dispose of oil on surface areas around the transformers on in	$1,269.12
28	**Dry-type Power Transformers**	**$1,935.68**
29	De-energize all transformer primaries and verify that the secondary is de-ei	$967.84
30	De-energize all low-voltage AC or DC power sources for space heaters, cool	$967.84
31	**Motors**	**$6,738.88**
32	De-energize all primary power at the source.	$1,935.68
33	De-energize all low-voltage power sources for space heaters or other auxili	$1,935.68
34	Drain lube oil system (if applicable) and dispose of oil.	$2,867.52
35	**Coal Handling**	**$30,905.36**
36	Empty all transfer hoppers.	$1,853.84
37	Burn out coal silos.	$1,834.56
38	Confirm all fuel lines, conveyors and trippers are clear of fuel.	$1,834.56
39	Perform cleaning of the coal handling equipment to assure that all coal and c	$25,382.40
40	**Fuel Oil and Igniter System**	**$2,751.84**
41	Drain fuel oil system	$2,751.84
42	**Boiler Chemical Feed**	**$1,834.56**
43	Drain all chemical feed tanks.	$1,834.56
44	**Boiler**	**$30,927.60**
45	Open boiler doors.	$955.84
46	Gas side - perform cleaning of the boiler and bottom ash system.	$25,382.40
47	Drain boiler, drum, downcomers and headers.	$917.28
48	Open drum doors.	$955.84

Iatan 2 Retirement

ID	Task Name	Cost
49	Drain and clean the submerged flight conveyor system.	$2,716.24
50	**Stack and Ductwork**	**$344,145.25**
51	Open ductwork doors.	$955.84
52	Perform extensive cleaning of the ductwork.	$12,691.20
53	Place cap over stack opening to keep moisture out.	$330,498.21
54	**Condensate and Feedwater Piping**	**$1,834.56**
55	Drain water from the system.	$917.28
56	Leave open vents and drains.	$917.28
57	**Feedwater heaters**	**$2,751.84**
58	Drain feedwater heaters	$917.28
59	Leave open vents and drains.	$1,834.56
60	**Deaerator and Deaerator Storage Tank**	**$1,834.56**
61	Drain Deaerator and Storage	$917.28
62	Leave open vents and drains.	$917.28
63	**Baghouse**	**$18,919.84**
64	Multiple cleaning cycles for filter bags.	$2,751.84
65	Open all vent and drain lines on bag cleaning air and control air lines. Leave in	$917.28
66	Remove all filter bags and cages.	$955.84
67	Clear hoppers of all ash	$3,103.68
68	Mechanically secure all compartment dampers and hopper outlet valves in op	$955.84
69	Disconnect ash transport piping and washdown baghouse hoppers and interic	$1,571.12
70	Install bird screens across hopper ash outlet and ash line flanges.	$955.84
71	Padlock or tack weld all hopper doors shut. (note: if ash hopper doors are ind	$955.84
72	If walk-in plenum, padlock or tack weld all outlet plenum doors and compartn	$955.84
73	If top-door plenum, close and secure top doors and remove/disable door lift h	$1,873.12
74	If top-door plenum, establish natural ventilation or maintain HVAC fan to pro	$1,020.08
75	Pull electrical supply breakers on all electrical equipment except lighting and l	$2,903.52
76	**Wet FGD system**	**$26,222.88**
77	Multiple mist eliminator wash cycles. Remove ME's from absorber.	$2,331.76
78	Drain and flush all slurry and reclaim water pumps and piping. Leave vent and	$1,873.12
79	Drain and wash out the reaction tank, reagent storage tank, recycle water tan	$5,183.28
80	Leave all tank drain valves open or remove. Install bird screens across openin	$1,911.68
81	Drain all makeup and mist eliminator water pumps and piping. Leave vent and	$2,828.96
82	Mechanically secure all flue gas isolation dampers in open position or remove	$1,911.68
83	Remove solids from all inlet and outlet ductwork as necessary	$2,538.24
84	Open all vent station air and control air lines. Leave in open position or remo	$1,873.12
85	Padlock or tack weld all access doors to modules and ductwork shut.	$1,911.68
86	Remove access doors to open-top tanks.	$955.84
87	Pull electrical supply breakers on all electrical equipment except lighting and l	$2,903.52
88	**FGD Reagent Preparation-Limestone wet Scrubber**	**$11,270.00**
89	Remove limestone from day bins.	$1,551.84
90	Removed cartridges/bags from bin vent filters	$1,551.84
91	Padlock or tack weld all bin access doors shut. (note: if doors are indoors, the	$955.84
92	Remove bin discharge isolation valve and install bird screen.	$477.92
93	Thoroughly wash and drain mills	$1,551.84
94	Remove balls from any ball mills	$1,269.12
95	Padlock or tack weld mill access doors closed.	$955.84
96	Establish natural ventilation or maintain HVAC fan to provide minimum air ch	$1,020.08
97	Pull electrical supply breakers on all electrical equipment except lighting and l	$1,935.68

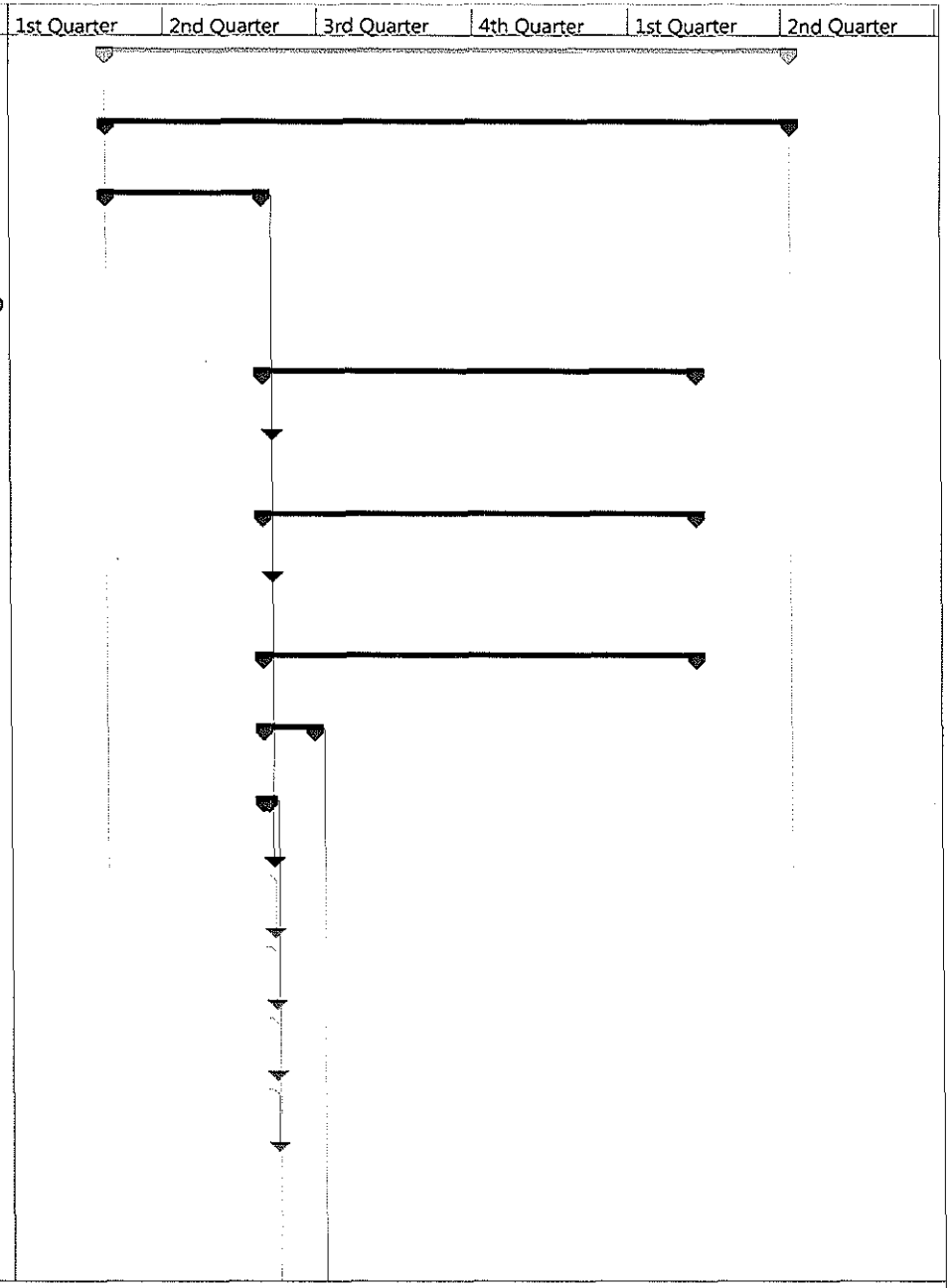
Iatan 2 Retirement

ID	Task Name	Cost
98	**FGD Byproduct Dewatering - Hydrocyclones and Vacuum Filters**	**$8,032.96**
99	Wash vacuum filter belt and remove all accumulated solids	$2,538.24
100	Wash out vacuum receiver, remove pressure relief valve and access door. Inst	$1,571.12
101	Establish natural ventilation or maintain HVAC fan to provide minimum air ch	$1,020.08
102	Pull electrical supply breakers on all electrical equipment except lighting and I	$2,903.52
103	**SCR**	**$11,098.96**
104	Vacuum fly ash from catalyst.	$2,538.24
105	Remove catalyst of salvage or disposal.	$3,180.80
106	Padlock or tack weld access doors shut.	$955.84
107	Remove ammonia from storage tank for resale.	$775.92
108	Wash out and drain storage tank and supply piping.	$775.92
109	Vent storage tank and all piping. Leave vent and drain valves open or remove.	$936.56
110	Pull electrical supply breakers on all electrical equipment except lighting and I	$1,935.68
111	**Turbine(s) and Condenser**	**$5,715.76**
112	Drain hotwell and leave doors open.	$936.56
113	Open main turbine doors.	$955.84
114	Open bfp turbine doors.	$955.84
115	Remove lube oil.	$2,867.52
116	**Generator**	**$6,618.48**
117	Verify that generator circuit breaker is open and racked out or that high-volta	$483.92
118	Verify that generator field breaker or contactor (if applicable) is open.	$483.92
119	De-energize power supplies to generator excitation system at the source.	$483.92
120	De-energize AC and DC power supplies to generator and exciter space heaters	$483.92
121	Drain generator and exciter cooling water systems (if applicable).	$936.56
122	Disconnect and remove hydrogen gas tanks and purge generator hydrogen sy	$1,834.56
123	Disconnect and remove fire protection system gas/foam tanks and purge fire	$1,911.68
124	**Circulation Water and Turbine Cooling Water System**	**$3,707.68**
125	Drain.	$1,834.56
126	Open water box doors.	$955.84
127	Drain any circulating water chemical feed tanks.	$917.28
128	**Compressed Air System**	**$2,945.44**
129	Open vents and drains.	$917.28
130	Remove desiccant from desiccant dryers.	$2,028.16
131	**Auxiliary Steam System**	**$1,834.56**
132	Drain water from system.	$917.28
133	Remove aux boiler chemicals.	$917.28
134	**Auxiliary Cooling Water System**	**$917.28**
135	Drain water from system.	$917.28
136	**Condenser Air Extraction and Waterbox Priming System**	**$917.28**
137	Drain water from system.	$917.28
138	**Building Heating System**	**$917.28**
139	Drain water from system.	$917.28
140	**Battery System**	**$4,775.20**
141	De-energize all battery chargers from the source.	$483.92
142	Open all AC and DC circuit breakers and/or fused switches on battery charger:	$483.92
143	Remove and dispose of battery electrolyte.	$1,903.68
144	Remove and dispose of battery cells.	$1,269.12
145	Clean up and dispose of electrolyte on surface areas around batteries.	$634.56
146	**Post Retirement Activities**	**$28,182.40**

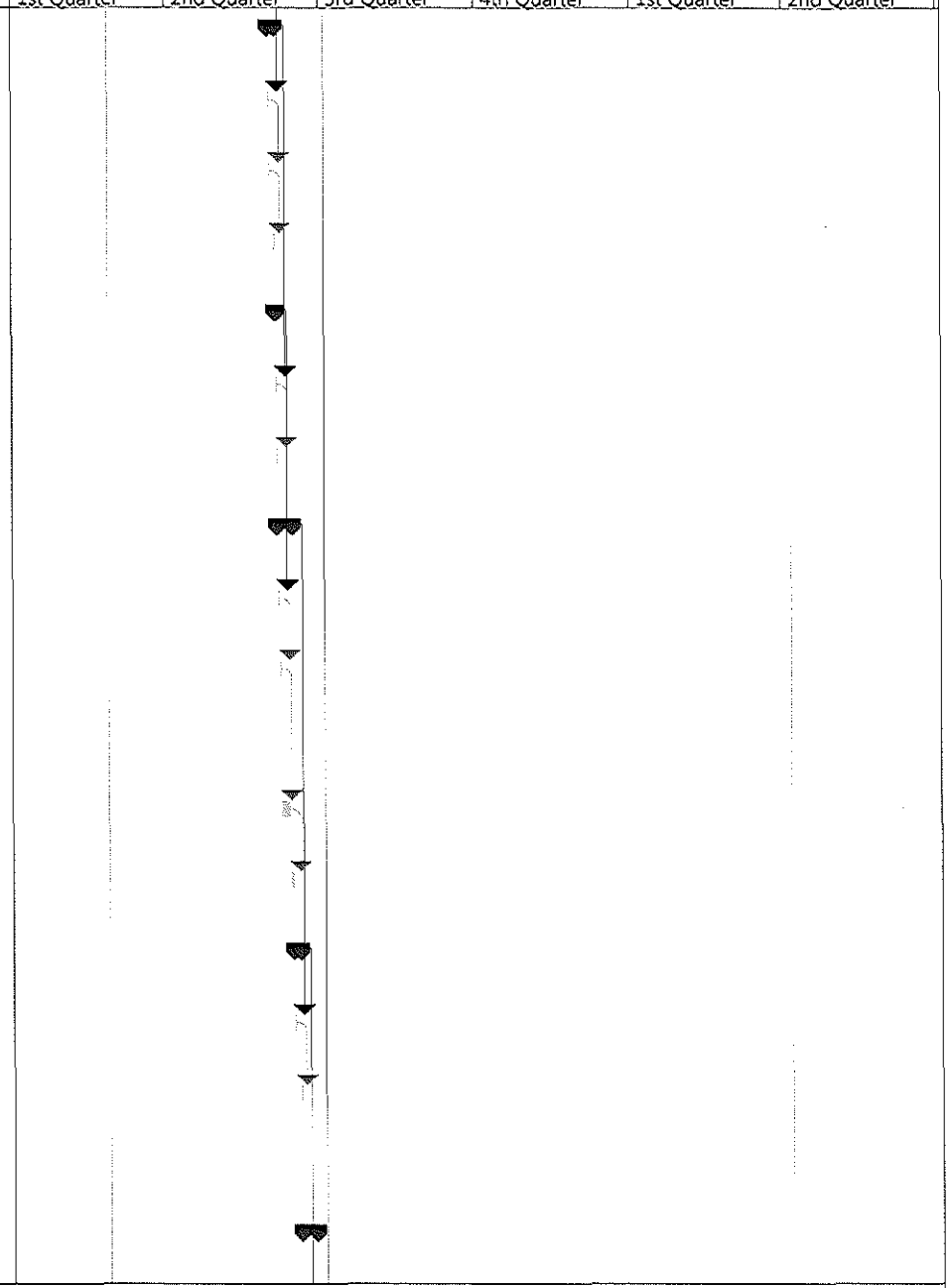
Iatan 2 Retirement

ID	Task Name	Cost
147	Post Retirement Activities	$28,182.40

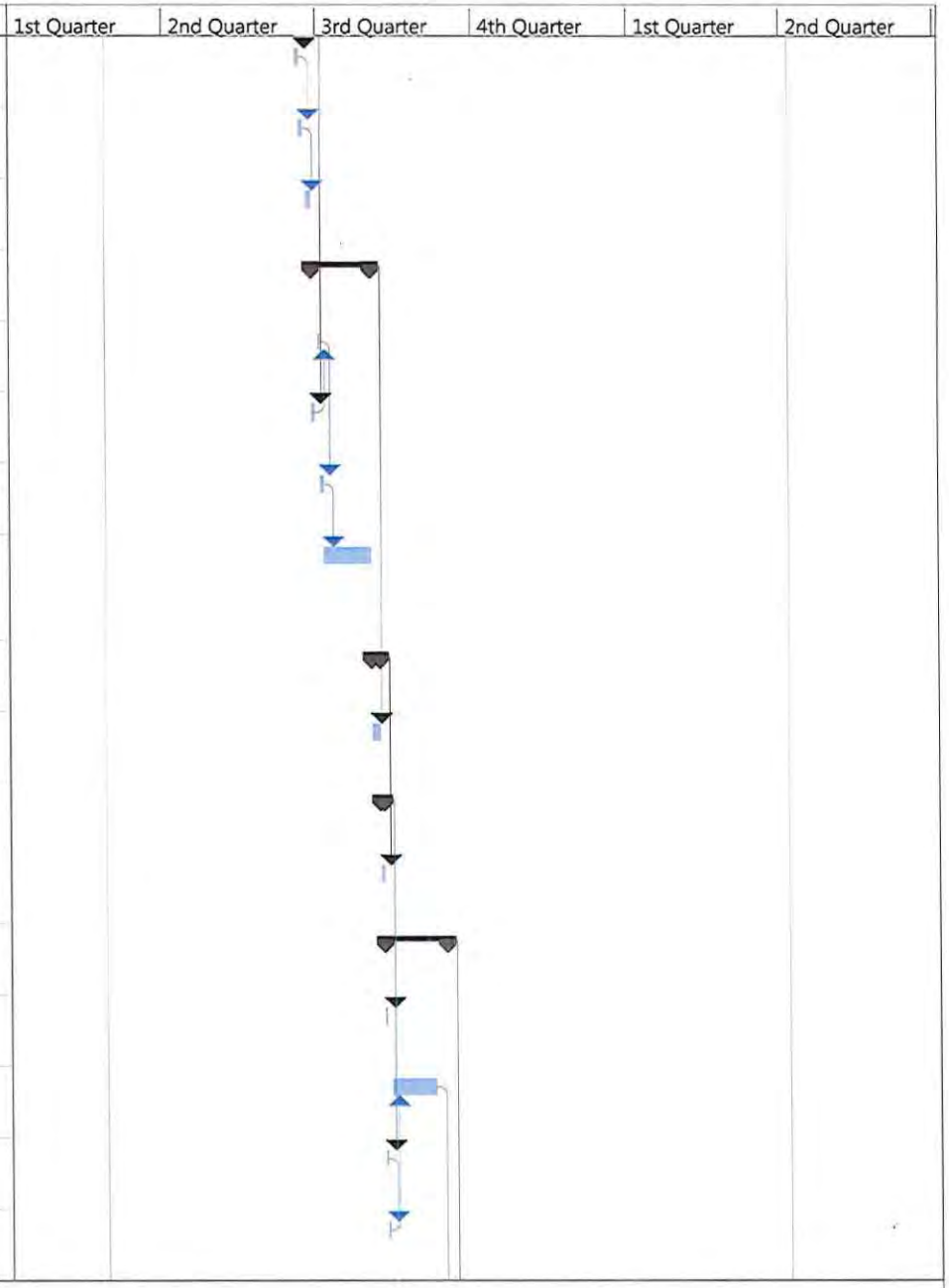
ID	Task Name
0	**Iatan 2 Retirement**
1	**Iatan 2 Retirement**
2	**Pre-Engineering**
3	Permit review and engineering analysis, establish isolation points, and confirm fuel yard inventory has been reduced to zero tons.
4	**KCL&L Overhead Costs**
5	KCP&L Retirement Manager
6	**Equipment Rentals**
7	Vacuum truck
8	**Retirement**
9	**Electrical**
10	**Medium and Low Voltage Draw out Switchgear**
11	De-energize all buses at the source.
12	Open all circuit breakers.
13	Rack all circuit breakers into the fully withdrawn, disconnected position.
14	Verify that the closing/tripping springs are discharged.
15	De-energize control power and auxiliary power circuits of each circuit breaker at the source and by opening control power circuit breakers or removing fuses in each breaker cubicle.



ID	Task Name
16	**Motor Control Centers**
17	De-energize all buses at the source.
18	Open all circuit breakers and disconnect switches.
19	Remove all fuses in control circuits.
20	**Low-voltage Switchboards and Panelboards**
21	De-energize all buses at the source.
22	Open all circuit breakers and disconnect switches.
23	**Oil-Filled Power Transformers**
24	De-energize all transformer primaries and verify that the secondary is de-energized.
25	De-energize all low-voltage AC or DC power sources for space heaters, cooling equipment, controls, etc. at the source and open circuit breakers or remove fuses at transformer end.
26	Drain and dispose of oil.
27	Clean up and dispose of oil on surface areas around the transformers on in containment pits.
28	**Dry-type Power Transformers**
29	De-energize all transformer primaries and verify that the secondary is de-energized.
30	De-energize all low-voltage AC or DC power sources for space heaters, cooling equipment, controls, etc. at the source and open circuit breakers or remove fuses at transformer end.
31	**Motors**



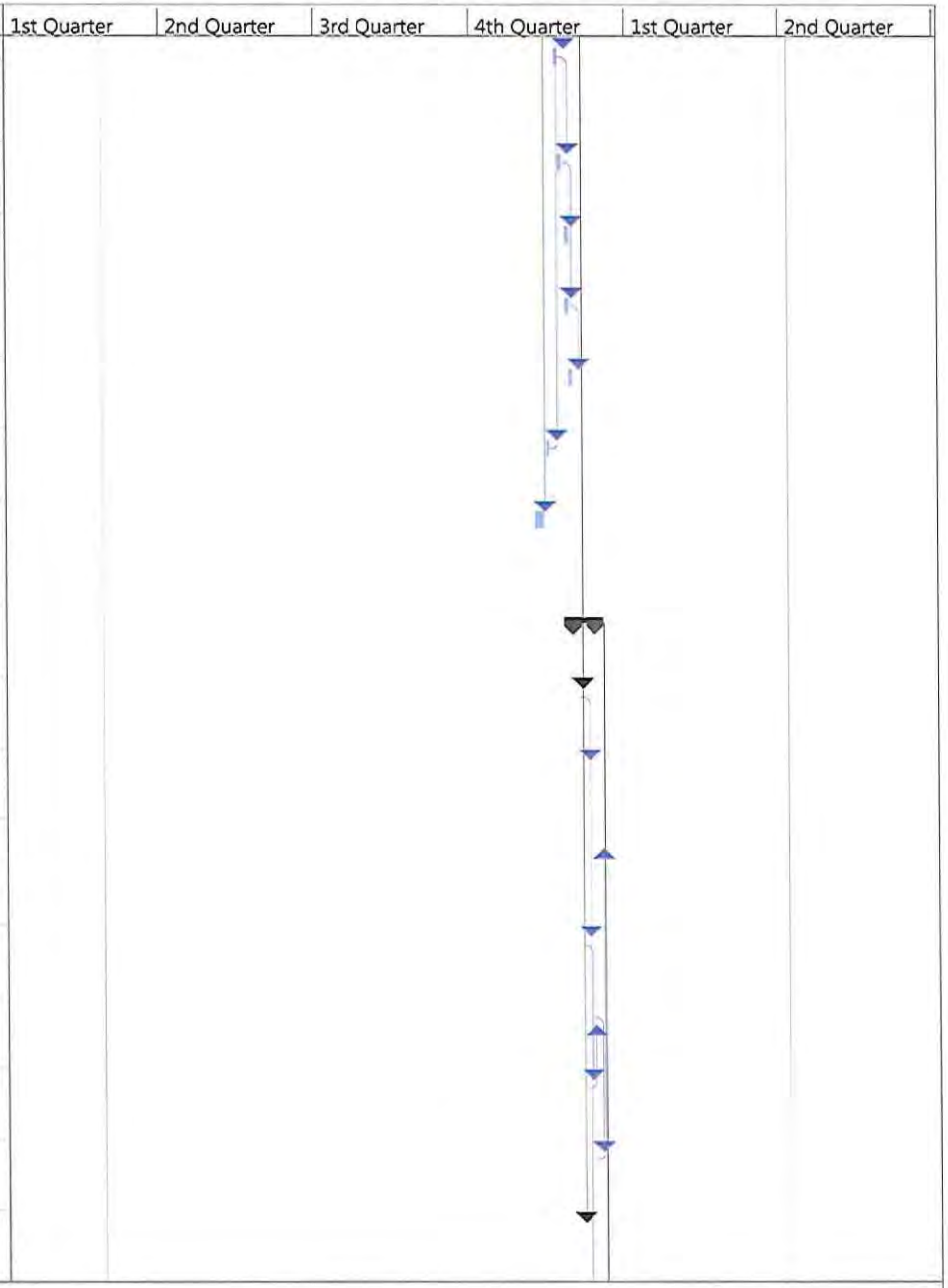
ID	Task Name
32	De-energize all primary power at the source.
33	De-energize all low-voltage power sources for space heaters or other auxiliary equipment at the source.
34	Drain lube oil system (if applicable) and dispose of oil.
35	**Coal Handling**
36	Empty all transfer hoppers.
37	Burn out coal silos.
38	Confirm all fuel lines, conveyors and trippers are clear of fuel.
39	Perform cleaning of the coal handling equipment to assure that all coal and coal dust has been removed from site.
40	**Fuel Oil and Igniter System**
41	Drain fuel oil system
42	**Boiler Chemical Feed**
43	Drain all chemical feed tanks.
44	**Boiler**
45	Open boiler doors.
46	Gas side - perform cleaning of the boiler and bottom ash system.
47	Drain boiler, drum, downcomers and headers.
48	Open drum doors.



ID	Task Name	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter
49	Drain and clean the submerged flight conveyor system.						
50	**Stack and Ductwork**						
51	Open ductwork doors.						
52	Perform extensive cleaning of the ductwork.						
53	Place cap over stack opening to keep moisture out.						
54	**Condensate and Feedwater Piping**						
55	Drain water from the system.						
56	Leave open vents and drains.						
57	**Feedwater heaters**						
58	Drain feedwater heaters						
59	Leave open vents and drains.						
60	**Deaerator and Deaerator Storage Tank**						
61	Drain Deaerator and Storage						
62	Leave open vents and drains.						
63	**Baghouse**						
64	Multiple cleaning cycles for filter bags.						
65	Open all vent and drain lines on bag cleaning air and control air lines. Leave in open position or remove vent valves.						

ID	Task Name	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter
66	Remove all filter bags and cages.						
67	Clear hoppers of all ash						
68	Mechanically secure all compartment dampers and hopper outlet valves in open position.						
69	Disconnect ash transport piping and washdown baghouse hoppers and interior of casing.						
70	Install bird screens across hopper ash outlet and ash line flanges.						
71	Padlock or tack weld all hopper doors shut. (note: if ash hopper doors are indoors, they could be removed and the opening covered with bird screens.)						
72	If walk-in plenum, padlock or tack weld all outlet plenum doors and compartment ventilation dampers shut.						
73	If top-door plenum, close and secure top doors and remove/disable door lift hoist.						
74	If top-door plenum, establish natural ventilation or maintain HVAC fan to provide minimum air changes per hour in penthouse enclosure.						
75	Pull electrical supply breakers on all electrical equipment except lighting and HVAC components that are to remain in service.						
76	**Wet FGD system**						
77	Multiple mist eliminator wash cycles. Remove ME's from absorber.						
78	Drain and flush all slurry and reclaim water pumps and piping. Leave vent and drain valves open or remove. Install bird screens across drain openings.						
79	Drain and wash out the reaction tank, reagent storage tank, recycle water tank, absorber blowdown tank, etc.						
80	Leave all tank drain valves open or remove. Install bird screens across openings.						

ID	Task Name
81	Drain all makeup and mist eliminator water pumps and piping. Leave vent and drain valves open or remove. Install bird screens across drain openings.
82	Mechanically secure all flue gas isolation dampers in open position or remove damper blades.
83	Remove solids from all inlet and outlet ductwork as necessary
84	Open all vent station air and control air lines. Leave in open position or remove vent valves
85	Padlock or tack weld all access doors to modules and ductwork shut.
86	Remove access doors to open-top tanks.
87	Pull electrical supply breakers on all electrical equipment except lighting and HVAC components that are to remain in service.
88	**FGD Reagent Preparation-Limestone wet Scrubber**
89	Remove limestone from day bins.
90	Removed cartridges/bags from bin vent filters
91	Padlock or tack weld all bin access doors shut. (note: if doors are indoors, they could be removed and the opening covered with bird screens.)
92	Remove bin discharge isolation valve and install bird screen.
93	Thoroughly wash and drain mills
94	Remove balls from any ball mills
95	Padlock or tack weld mill access doors closed.
96	Establish natural ventilation or maintain HVAC fan to provide minimum air changes per hour in building.



ID	Task Name	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter
97	Pull electrical supply breakers on all electrical equipment except lighting and HVAC components that are to remain in service.						
98	**FGD Byproduct Dewatering - Hydrocyclones and Vacuum Filters**						
99	Wash vacuum filter belt and remove all accumulated solids						
100	Wash out vacuum receiver, remove pressure relief valve and access door. Install bird screens.						
101	Establish natural ventilation or maintain HVAC fan to provide minimum air changes per hour in building.						
102	Pull electrical supply breakers on all electrical equipment except lighting and HVAC components that are to remain in service.						
103	**SCR**						
104	Vacuum fly ash from catalyst.						
105	Remove catalyst of salvage or disposal.						
106	Padlock or tack weld access doors shut.						
107	Remove ammonia from storage tank for resale.						
108	Wash out and drain storage tank and supply piping.						
109	Vent storage tank and all piping. Leave vent and drain valves open or remove. Install bird screens.						
110	Pull electrical supply breakers on all electrical equipment except lighting and HVAC components that are to remain in service.						
111	**Turbine(s) and Condenser**						
112	Drain hotwell and leave doors open.						

ID	Task Name	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter
113	Open main turbine doors.						
114	Open bfp turbine doors.						
115	Remove lube oil.						
116	**Generator**						
117	Verify that generator circuit breaker is open and racked out or that high-voltage disconnect switch on substation side of GSU transformer is locked in the open position.						
118	Verify that generator field breaker or contactor (if applicable) is open.						
119	De-energize power supplies to generator excitation system at the source.						
120	De-energize AC and DC power supplies to generator and exciter space heaters, cooling equipment, controls, lighting, etc. at the source and open circuit breakers or remove fuses at the generator and exciter.						
121	Drain generator and exciter cooling water systems (if applicable).						
122	Disconnect and remove hydrogen gas tanks and purge generator hydrogen system.						
123	Disconnect and remove fire protection system gas/foam tanks and purge fire protection system.						
124	**Circulation Water and Turbine Cooling Water System**						
125	Drain.						
126	Open water box doors.						
127	Drain any circulating water chemical feed tanks.						
128	**Compressed Air System**						

ID	Task Name	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter
129	Open vents and drains.						
130	Remove desiccant from desiccant dryers.						
131	**Auxiliary Steam System**						
132	Drain water from system.						
133	Remove aux boiler chemicals.						
134	**Auxiliary Cooling Water System**						
135	Drain water from system.						
136	**Condenser Air Extraction and Waterbox Priming System**						
137	Drain water from system.						
138	**Building Heating System**						
139	Drain water from system.						
140	**Battery System**						
141	De-energize all battery chargers from the source.						
142	Open all AC and DC circuit breakers and/or fused switches on battery chargers and disconnect cables from batteries.						
143	Remove and dispose of battery electrolyte.						
144	Remove and dispose of battery cells.						
145	Clean up and dispose of electrolyte on surface areas around batteries.						

ID	Task Name	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter
146	**Post Retirement Activities**						
147	Post Retirement Activities						

Iatan 2 Dismantlement

Owner Additional Costs			
Pre-Dismantlement Activities		$1,262,586	
Overhead During Dismantlement		$2,291,699	
Post-Dismantlement Activities		$79,455	
Owner Costs Total			$3,633,740
Demolition General Contractor (DGC) Costs			
Additional Site Management		$1,521,477	
Equipment Rental		$2,606,917	
Consumables		$2,845,750	
Scrap Crew(s)		$2,538,269	
Dismantlement*		$6,234,218	
DGC Insurance	2.00%	$314,933	
Contingency/Profit	15.00%	$2,409,235	
Performance Bond	2.00%	$369,416.00	
Contractor Costs Total:			$18,840,216
Total:			$22,473,955
Owner Internal Costs:	5.00%		$1,123,698
Owner Contingency:	25.00%		$5,899,413
Iatan Unit 2 Dismantlement Opinion of Probable Cost:			$29,497,067

COMMON

Iatan Common Retirement

Owner Costs			
Pre-Retirement Activities		$55,645	
Retirement Activities		$401,998	
Post-Retirement Activities		$34,035	
Owner Direct Total			$491,678
Owner Internal Costs	5.00%		$24,584
Owner Contingency:	25.00%		$129,066
Iatan Common Retirement Opinion of Probable Cost:			$645,328

Activities Required by Permit or Regulation

Iatan Fuel Storage	$191,130	
Iatan Oil Storage	$53,766	
Iatan Landfill Retirement	$3,415,033	
Iatan Ash Pond(s)	$37,236,839	
Activities Required by Permit or Regulation		$40,896,768

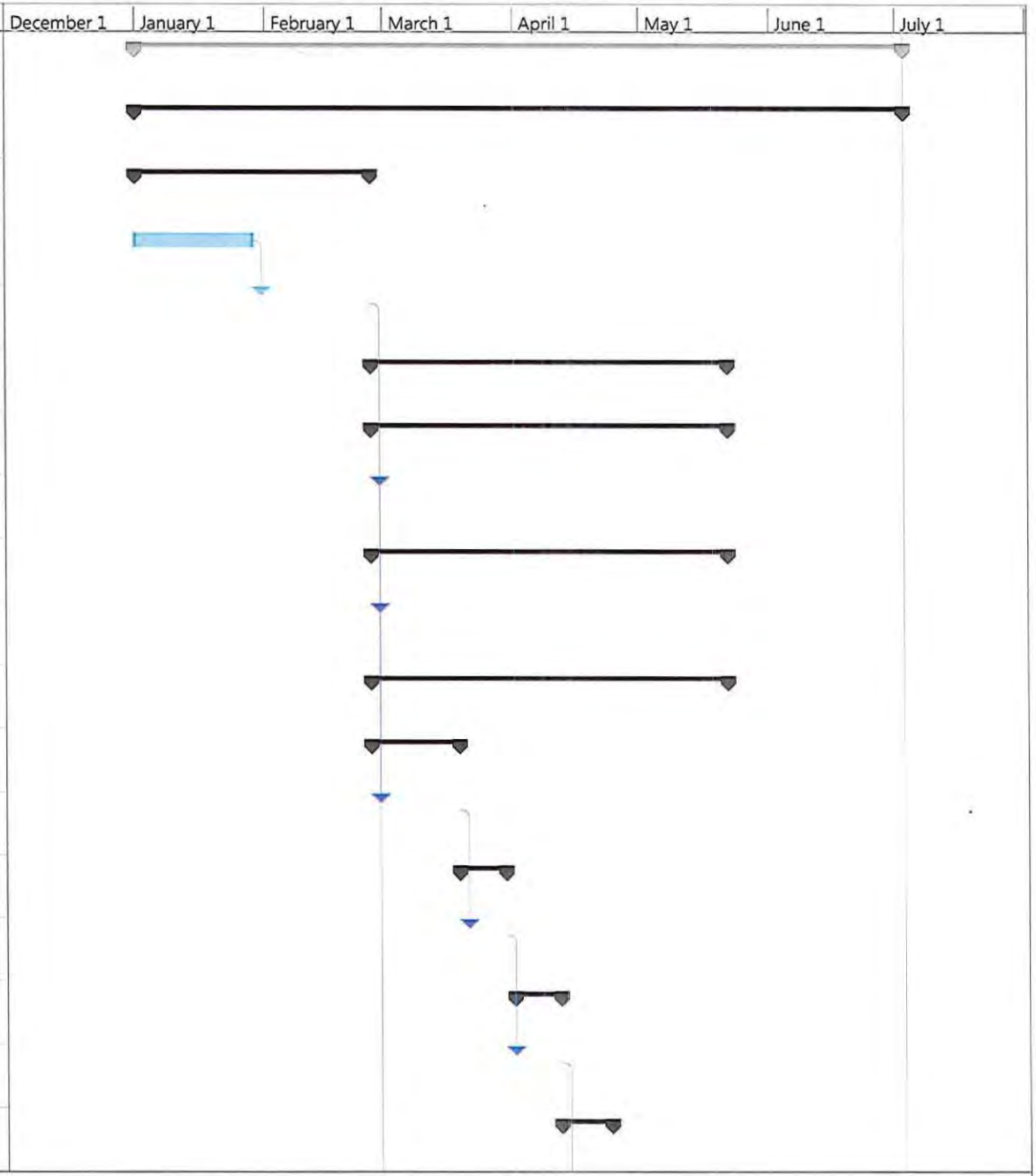
Iatan Common Retirement

ID	Task Name	Cost
0	**Iatan Common Retirement**	**$491,678.16**
1	**Iatan Common Retirement**	**$491,678.16**
2	**Pre-Retirement Activities**	**$55,644.80**
3	Permitting Review	$27,822.40
4	Develop Detailed Retirement Plan	$27,822.40
5	**Overheads**	**$108,867.92**
6	**Common Retirement Overheads**	**$95,428.40**
7	Added Overhead Staff for Common Retirement	$95,428.40
8	**Common Retirment Equipment Rental**	**$13,439.52**
9	Common Removal Equipment Rental	$13,439.52
10	**Retirement Activities**	**$293,130.24**
11	**Administration Building**	**$19,040.40**
12	Secure Administration Building	$19,040.40
13	**Fuel Yard Office Building**	**$11,424.24**
14	Secure Fuel Yard Office Building	$11,424.24
15	**Training Building**	**$11,424.24**
16	Secure Training Building	$11,424.24
17	**Warehouse(s)**	**$11,726.24**
18	Secure Unit 1 Warehouse	$4,110.08
19	Secure Unit 2 Warehouse	$7,616.16
20	**Maintenance Shop**	**$28,562.40**
21	Secure Maintenance Shop	$28,562.40
22	**Fuel Yard**	**$146,594.00**
23	**Transfer Towers**	**$89,922.00**
24	Clean Transfer Tower 1	$4,231.44
25	Clean Transfer Tower 2	$4,231.44
26	Clean and Secure Crusher Building	$7,052.40
27	Clean Stockout Conveyor Reclaim Pit	$14,104.80
28	**Conveyors**	**$19,746.72**
29	Clean Conveyor 2A, 4, 5B 6A, 6B, 7A and 7B	$19,746.72
30	**Car Dumper**	**$9,873.36**
31	Empty Car Dumper Hoppers	$1,410.48
32	Clean Car Dumper	$4,231.44
33	Secure Dumper Building	$4,231.44
34	**Remove Stacker/Reclaimer**	**$21,410.00**
35	Clean and Secure Stacker/Reclaimer	$7,052.40
36	**Unit 1 Reclaim**	**$5,641.92**
37	Clean Unit 1 Reclaim	$2,820.96
38	Secure Unit 1 Reclaim Building	$2,820.96
39	**Sewage Treatment**	**$4,724.64**
40	Clean Sewage Treatment and Transfer Points	$4,724.64
41	**Fuel Oil Storage and Unloading**	**$917.28**
42	Remove Fuel Oil from Fuel Oil Storage and Vent	$917.28
43	**Yard Fire Water Systems**	**$917.28**
44	Drain Yard Fire Water System	$917.28
45	**Reagent Prep and Gypsum Handling**	**$32,794.96**
46	Clean and Secure Limestone Unloading Facility	$4,231.44
47	Clean and Secure Limestone Storage Facility	$4,231.44
48	Clean Limestone Conveyor	$4,307.28

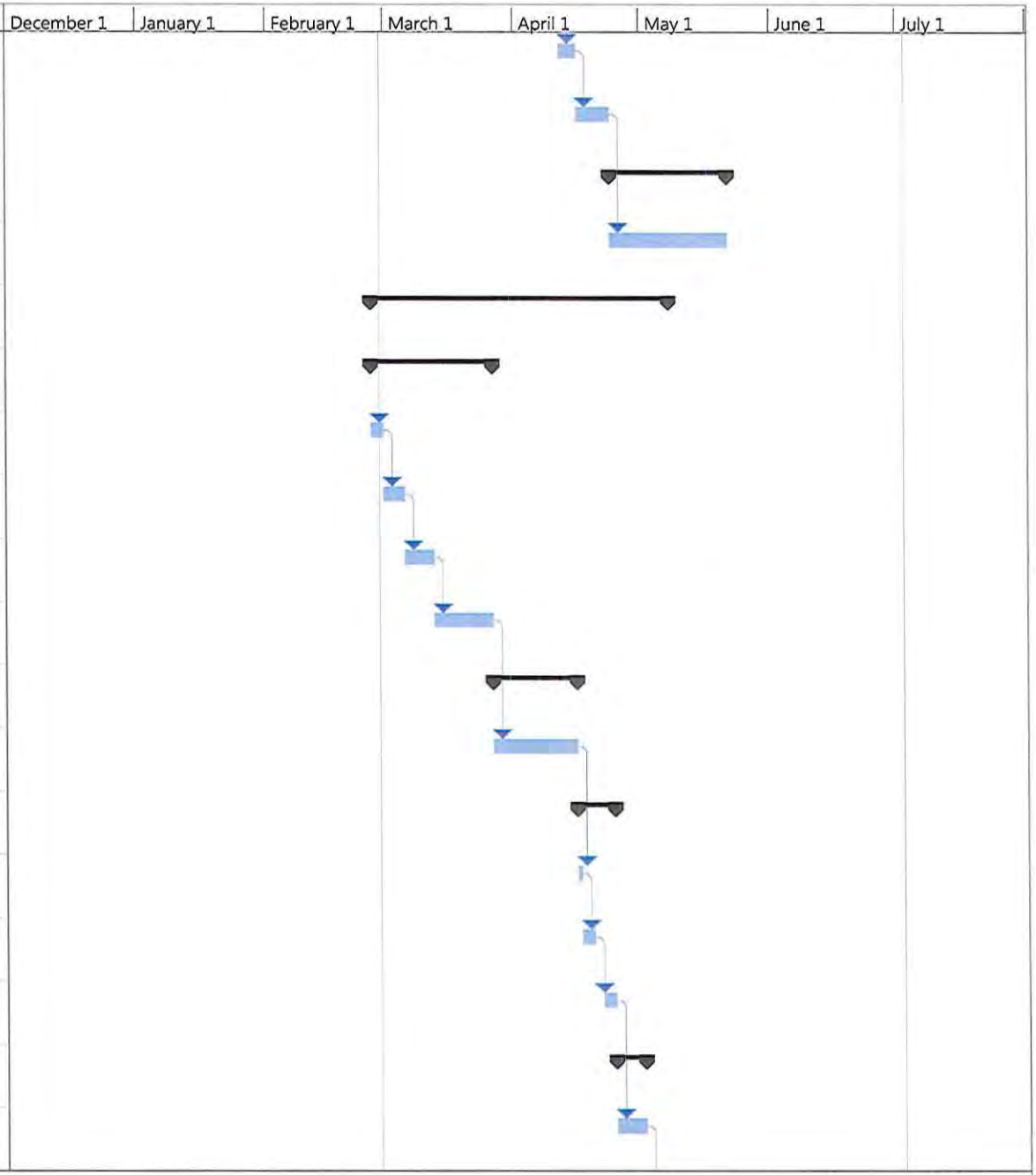
Iatan Common Retirement

ID	Task Name	Cost
49	Clean and Secure Limestone Prep Building	$7,178.80
50	Clean Gypsum Stackout Conveyor	$2,871.52
51	Clean and Secure PCM-1	$2,871.52
52	Clean and Secure PCM-2	$2,871.52
53	Clean and Secure the Vacuum Pump and Air Compressor Building	$4,231.44
54	**Water Pretreatment and ZLD**	**$25,004.56**
55	Drain and Clean Clarifiers	$4,231.44
56	Drain and Clean ZLD System	$8,462.88
57	Clean and Secure ZLD Building	$9,489.28
58	Drain and Vent Storage Tanks	$2,820.96
59	**Post Retirement Closure Activities**	**$34,035.20**
60	Post Retirement Closure Activities	$34,035.20

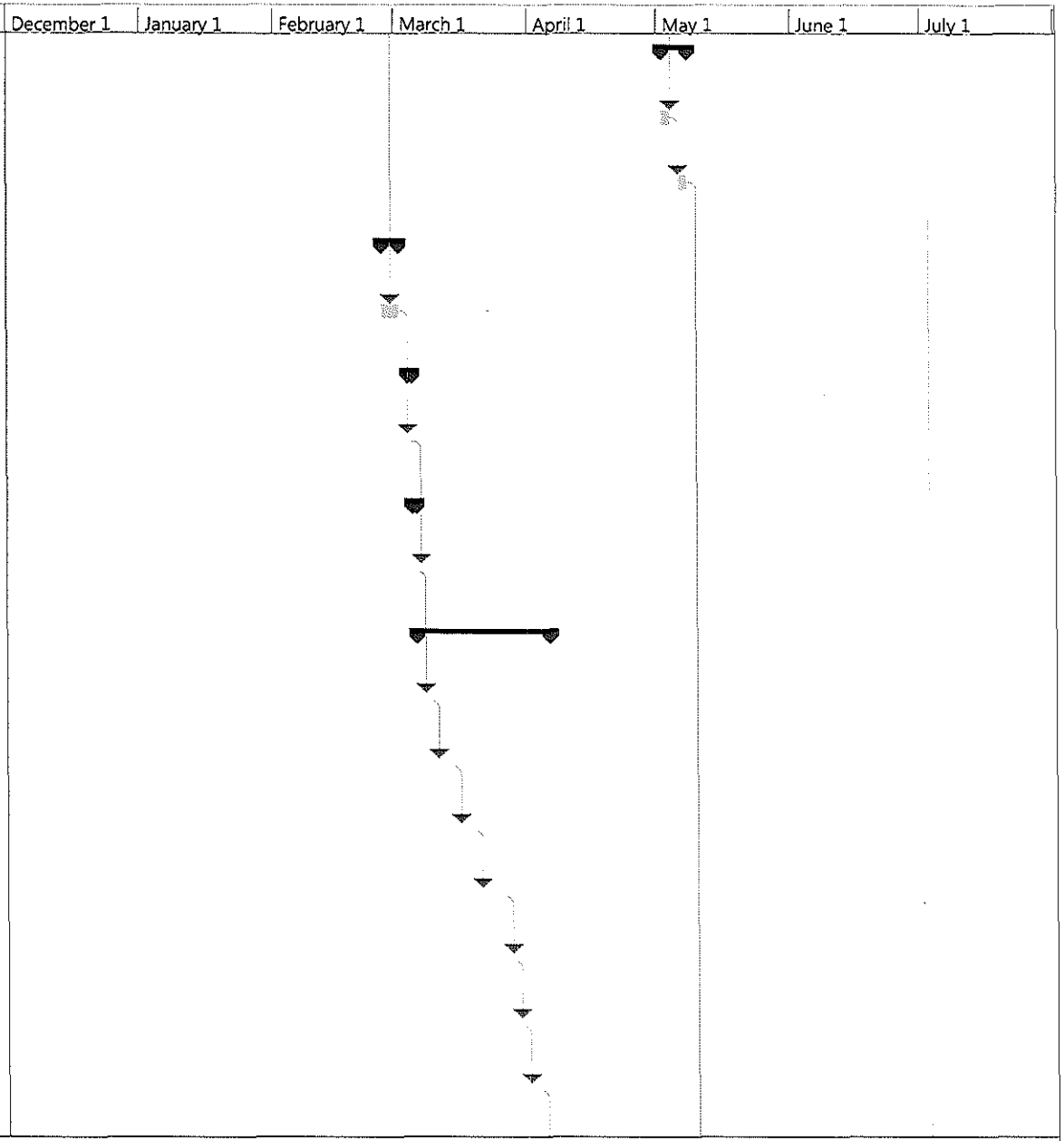
ID	Task Name	Duration
0	**Iatan Common Retirement**	**131 days**
1	**Iatan Common Retirement**	**131 days**
2	**Pre-Retirement Activities**	**40 days**
3	Permitting Review	20 days
4	Develop Detailed Retirement Plan	20 days
5	**Overheads**	**61 days**
6	**Common Retirement Overheads**	**61 days**
7	Added Overhead Staff for Common Retirement	61 days
8	**Common Retirment Equipment Rental**	**61 days**
9	Common Removal Equipment Rental	61 days
10	**Retirement Activities**	**61 days**
11	**Administration Building**	**15 days**
12	Secure Administration Building	15 days
13	**Fuel Yard Office Building**	**9 days**
14	Secure Fuel Yard Office Building	9 days
15	**Training Building**	**9 days**
16	Secure Training Building	9 days
17	**Warehouse(s)**	**8 days**



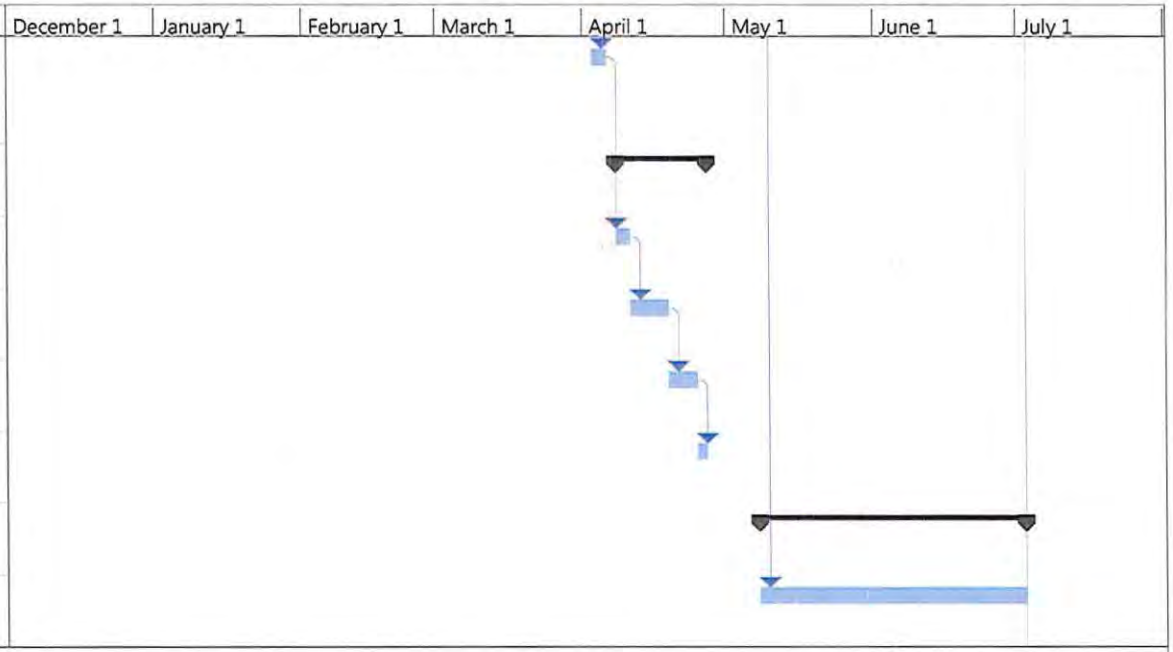
ID	Task Name	Duration
18	Secure Unit 1 Warehouse	2 days
19	Secure Unit 2 Warehouse	6 days
20	**Maintenance Shop**	**20 days**
21	Secure Maintenance Shop	20 days
22	**Fuel Yard**	**51 days**
23	**Transfer Towers**	**21 days**
24	Clean Transfer Tower 1	3 days
25	Clean Transfer Tower 2	3 days
26	Clean and Secure Crusher Building	5 days
27	Clean Stockout Conveyor Reclaim Pit	10 days
28	**Conveyors**	**14 days**
29	Clean Conveyor 2A, 4, 5B 6A, 6B, 7A and 7B	14 days
30	**Car Dumper**	**7 days**
31	Empty Car Dumper Hoppers	1 day
32	Clean Car Dumper	3 days
33	Secure Dumper Building	3 days
34	**Remove Stacker/Reclaimer**	**5 days**
35	Clean and Secure Stacker/Reclaimer	5 days



ID	Task Name	Duration
36	**Unit 1 Reclaim**	**4 days**
37	Clean Unit 1 Reclaim	2 days
38	Secure Unit 1 Reclaim Building	2 days
39	**Sewage Treatment**	**4 days**
40	Clean Sewage Treatment and Transfer Points	4 days
41	**Fuel Oil Storage and Unloading**	**1 day**
42	Remove Fuel Oil from Fuel Oil Storage and Vent	1 day
43	**Yard Fire Water Systems**	**1 day**
44	Drain Yard Fire Water System	1 day
45	**Reagent Prep and Gypsum Handling**	**23 days**
46	Clean and Secure Limestone Unloading Facility	3 days
47	Clean and Secure Limestone Storage Facility	3 days
48	Clean Limestone Conveyor	3 days
49	Clean and Secure Limestone Prep Building	5 days
50	Clean Gypsum Stackout Conveyor	2 days
51	Clean and Secure PCM-1	2 days
52	Clean and Secure PCM-2	2 days



ID	Task Name	Duration
53	Clean and Secure the Vacuum Pump and Air Compressor Building	3 days
54	**Water Pretreatment and ZLD**	**15 days**
55	Drain and Clean Clarifiers	3 days
56	Drain and Clean ZLD System	6 days
57	Clean and Secure ZLD Building	4 days
58	Drain and Vent Storage Tanks	2 days
59	**Post Retirement Closure Activities**	**40 days**
60	Post Retirement Closure Activities	40 days



Iatan Common Dismantlement

Owner Additional Costs				
Pre-Dismantlement Activities		$0		
Overhead During Dismantlement		$0		
Post-Dismantlement Activities				
Owner Costs Total				$0
Demolition General Contractor (DGC) Costs				
Additional Site Management		$91,204		
Equipment Rental		$440,123		
Consumables		$659,404		
Scrap Crew(s)		$643,967		
Dismantlement		$14,757,051		
DGC Insurance	2.00%	$331,835		
Contingency/Profit	15.00%	$2,538,538		
Performance Bond	2.00%	$389,242.42		
Contractor Costs Total:			$19,851,363	
Total:				$19,851,363
Owner Internal Costs:	5.00%			$992,568
Owner Contingency:	25.00%			$5,210,983
Iatan Common Dismantlement Opinion of Probable Cost:				$26,054,914

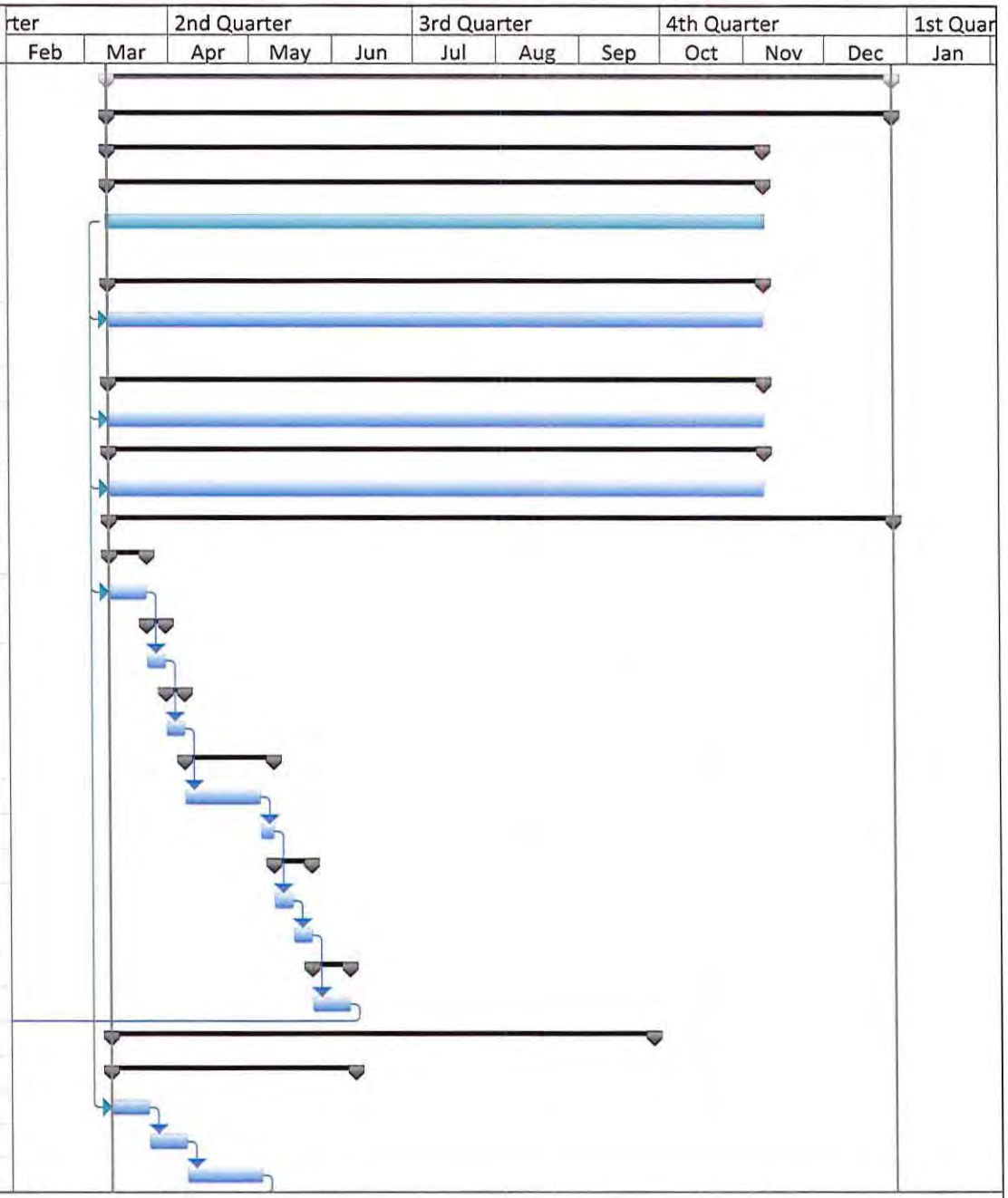
Iatan Common

ID	Task Name	Cost
0	**Iatan Common**	**$16,591,748.40**
1	**Iatan Common Dismantlement**	**$16,591,748.40**
2	**Overheads**	**$1,834,697.84**
3	**Common Removal Overheads**	**$91,203.83**
4	Added Overhead Staff for Common Removals	$91,203.83
5	**Common Removal Equipment Rental**	**$440,122.56**
6	Common Removal Equipment Rental	$440,122.56
7	**Scrap Crew**	**$643,967.13**
8	Crew(s) to Handle Scrap Material	$643,967.13
9	**Demolition Contractor Consummables**	**$659,404.32**
10	Consummables	$659,404.32
11	**Dismantlement Activities**	**$14,757,050.56**
12	**Administration Building**	**$37,009.60**
13	Remove Administration Building	$37,009.60
14	**Fuel Yard Office Building**	**$18,504.80**
15	Remove Fuel Yard Office Building	$18,504.80
16	**Training Building**	**$18,504.80**
17	Remove Training Building	$18,504.80
18	**Parking Lots and Plant Roads**	**$85,122.08**
19	Plant Roads and Parking Areas	$74,019.20
20	Guard Shack	$11,102.88
21	**Warehouse(s)**	**$37,009.60**
22	Remove Unit 1 Warehouse	$18,504.80
23	Remove Unit 2 Warehouse	$18,504.80
24	**Maintenance Shop**	**$23,984.80**
25	Remove Maintenance Shop	$23,984.80
26	**Fuel Yard**	**$777,201.60**
27	**Remove Transfer Towers**	**$481,124.80**
28	Transfer Tower 1	$37,009.60
29	Transfer Tower 2	$37,009.60
30	Crusher Building	$74,019.20
31	Stockout Conveyor Reclaim Pit	$92,524.00
32	**Remove Conveyors**	**$129,533.60**
33	Conveyor 2A, 4, 5B 6A, 6B, 7A and 7B	$129,533.60
34	**Remove Car Dumper**	**$92,524.00**
35	Remove Underground Equipment	$18,504.80
36	Remove Above Ground Equipment	$37,009.60
37	Remove Building	$18,504.80
38	Backfill Dumper Structure	$18,504.80
39	**Remove Stacker/Reclaimer**	**$7,401.92**
40	Remove Stacker/Reclaimer	$3,700.96
41	**Remove Unit 1 Reclaim**	**$66,617.28**
42	Remove Underground Equipment	$18,504.80
43	Remove Above Ground Equipment	$18,504.80
44	Remove Building	$14,803.84
45	Backfill Structure	$14,803.84
46	**Sewage Treatment**	**$22,205.76**
47	Remove Sewage Treatment Pumps and Miscellaneous Equipment	$7,401.92
48	Remove Sewage Treatment Concrete Structures	$14,803.84

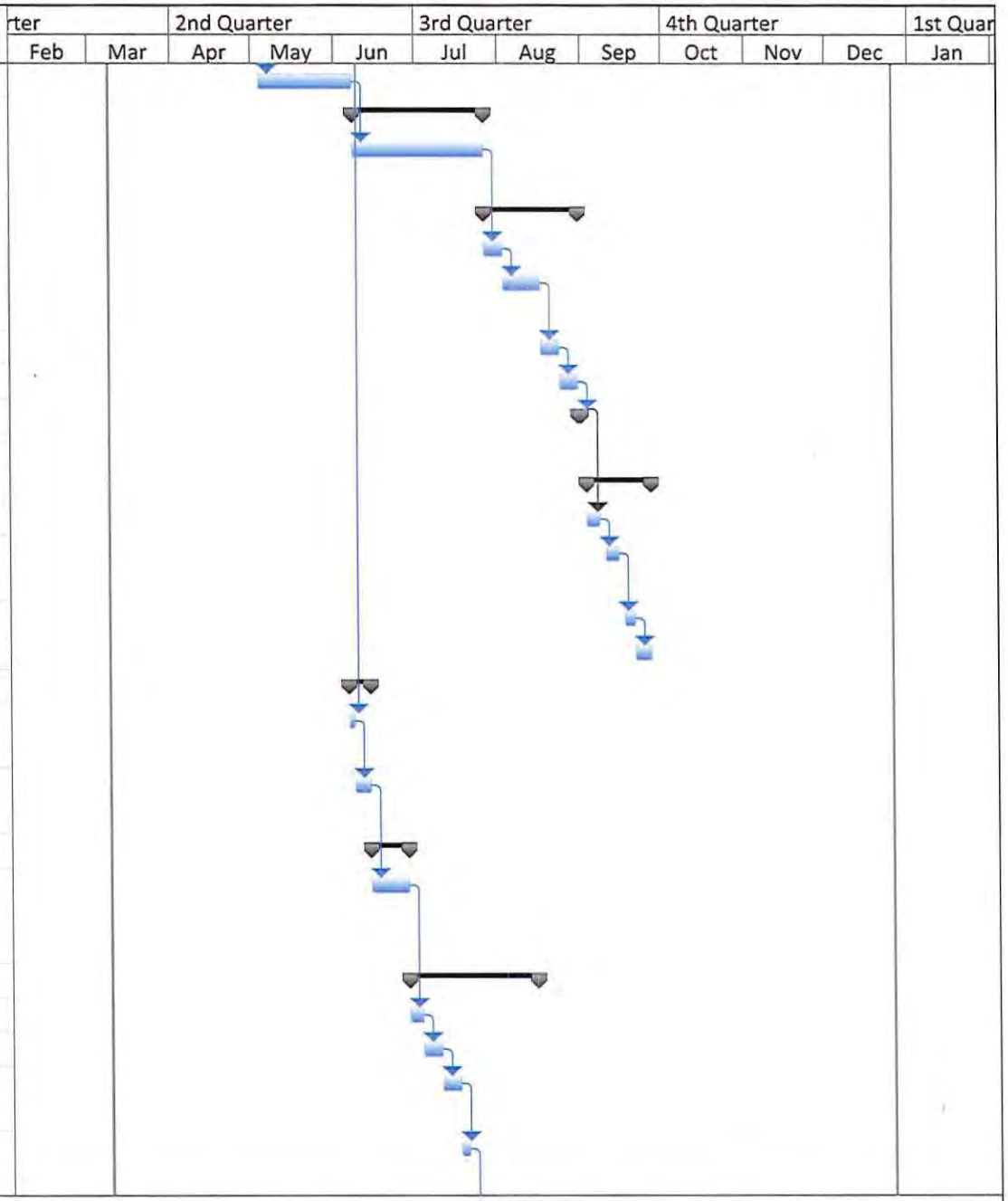
Iatan Common

ID	Task Name	Cost
49	**Yard Fire Water Systems**	**$37,009.60**
50	Remove Hydrants and Fire Water System Piping Down to 3' Below Grade	$37,009.60
51	**Water Pretreatment Clarifiers and ZLD**	**$125,832.64**
52	Remove Clarifier Vessels	$11,102.88
53	Remove Pump House	$18,504.80
54	Remove Clarifier Water Storage Tanks	$18,504.80
55	Remove Water Treatment Equipment	$11,102.88
56	Remove Water Treatment Building	$18,504.80
57	Remove ZLD Equipment	$11,102.88
58	Remove ZLD Building	$18,504.80
59	Remove Condensate Storage Tanks	$18,504.80
60	**Stacks**	**$11,574,284.01**
61	Remove Unit 1 Stack to Grade	$4,406,642.74
62	Remove Common Stack to Grade	$7,167,641.27
63	**Reagent Prep and Gypsum Handling**	**$347,890.24**
64	Remove Limestone Unloading Facility	$37,009.60
65	Remove Limestone Storage Facility	$18,504.80
66	Remove Limestone Conveyor	$18,504.80
67	Remove Limestone Prep Building	$148,038.40
68	Remove Gypsum Stackout Conveyor	$18,504.80
69	Remove PCM-1	$7,401.92
70	Remove PCM-2	$7,401.92
71	Remove the Vacuum Pump and Air Compressor Building	$74,019.20
72	Remove Miscellaneous Equipment	$18,504.80
73	**Final Site Grading and Drainage**	**$1,652,491.03**
74	Final Site Grading and Drainage	$1,652,491.03

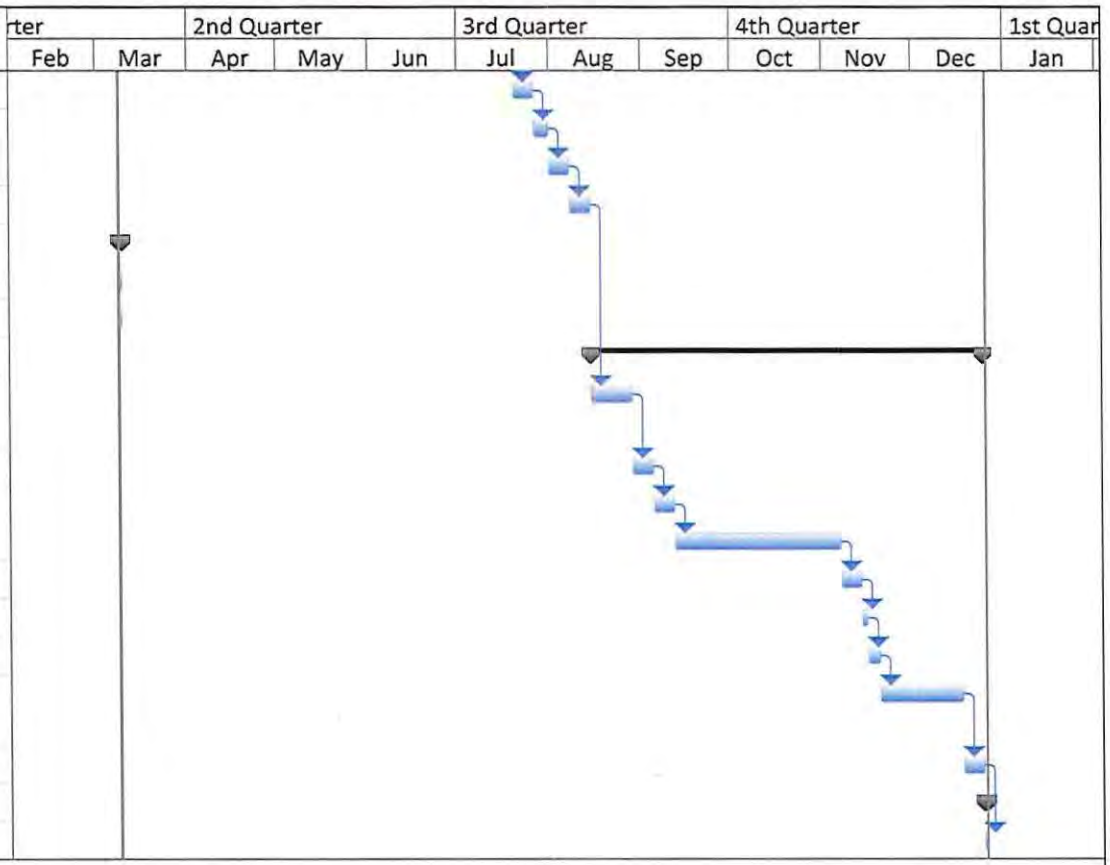
ID	Task Name	Duration
0	**Iatan Common Dismantlement**	**208 days**
1	**Iatan Common Dismantlement**	**208 days**
2	**Overheads**	**174 days**
3	**Common Removal Overheads**	**174 days**
4	Added Overhead Staff for Common Removals	174 days
5	**Common Removal Equipment Rental**	**174 days**
6	Common Removal Equipment Rental	174 days
7	**Scrap Crew**	**174 days**
8	Crew(s) to Handle Scrap Material	174 days
9	**Demolition Contractor Consummables**	**174 days**
10	Consummables	174 days
11	**Dismantlement Activities**	**208 days**
12	**Administration Building**	**10 days**
13	Remove Administration Building	10 days
14	**Fuel Yard Office Building**	**5 days**
15	Remove Fuel Yard Office Building	5 days
16	**Training Building**	**5 days**
17	Remove Training Building	5 days
18	**Parking Lots and Plant Roads**	**23 days**
19	Plant Roads and Parking Areas	20 days
20	Guard Shack	3 days
21	**Warehouse(s)**	**10 days**
22	Remove Unit 1 Warehouse	5 days
23	Remove Unit 2 Warehouse	5 days
24	**Maintenance Shop**	**10 days**
25	Remove Maintenance Shop	10 days
26	**Fuel Yard**	**144 days**
27	**Remove Transfer Towers**	**65 days**
28	Transfer Tower 1	10 days
29	Transfer Tower 2	10 days
30	Crusher Building	20 days



ID	Task Name	Duration
31	Stockout Conveyor Reclaim Pit	25 days
32	**Remove Conveyors**	**35 days**
33	Conveyor 2A, 4, 5B 6A, 6B, 7A and 7B	35 days
34	**Remove Car Dumper**	**25 days**
35	Remove Underground Equipment	5 days
36	Remove Above Ground Equipment	10 days
37	Remove Building	5 days
38	Backfill Dumper Structure	5 days
39	**Remove Stacker/Reclaimer**	**1 day**
40	Remove Stacker/Reclaimer	1 day
41	**Remove Unit 1 Reclaim**	**18 days**
42	Remove Underground Equipment	5 days
43	Remove Above Ground Equipment	5 days
44	Remove Building	4 days
45	Backfill Structure	4 days
46	**Sewage Treatment**	**6 days**
47	Remove Sewage Treatment Pumps and Miscellaneous Equipment	2 days
48	Remove Sewage Treatment Concrete Structures	4 days
49	**Yard Fire Water Systems**	**10 days**
50	Remove Hydrants and Fire Water System Piping Down to 3' Below Grade	10 days
51	**Water Pretreatment Clarifiers and ZLD**	**34 days**
52	Remove Clarifier Vessels	3 days
53	Remove Pump House	5 days
54	Remove Clarifier Water Storage Tanks	5 days
55	Remove Water Treatment Equipment	3 days



ID	Task Name	Duration
56	Remove Water Treatment Building	5 days
57	Remove ZLD Equipment	3 days
58	Remove ZLD Building	5 days
59	Remove Condensate Storage Tanks	5 days
60	**Stacks**	**1 day**
61	Remove Unit 1 Stack to Grade	1 day
62	Remove Common Stack to Grade	1 day
63	**Reagent Prep and Gypsum Handling**	**94 days**
64	Remove Limestone Unloading Facility	10 days
65	Remove Limestone Storage Facility	5 days
66	Remove Limestone Conveyor	5 days
67	Remove Limestone Prep Building	40 days
68	Remove Gypsum Stackout Conveyor	5 days
69	Remove PCM-1	2 days
70	Remove PCM-2	2 days
71	Remove the Vacuum Pump and Air Compressor Building	20 days
72	Remove Miscellaneous Equipment	5 days
73	**Final Site Grading and Drainage**	**1 day**
74	Final Site Grading and Drainage	1 day



NORTHEAST GENERATING STATION

NORTHEAST GENERATING STATION

The Northeast Generating Station consists of eight fuel-oil-fired combustion turbine generator sets.

Together these combustion turbines have a total SPP-accredited unit rating of 408 MW. The units are designated Units 11 through 18, and were added to an existing steam electric generating plant site during the 1970s. Units 11 and 12 began service in 1972; Units 13 and 14 in 1975; Units 15 and 16 in 1976; and Units 17 and 18 in 1977. Each unit is comprised of a General Electric Model 7B combustion turbine and each pair of units is connected to a three-winding generator step-up transformer and is provided with auxiliary power through a common bus. Each combustion turbine employs standard annular combustor technology and burns only distillate or ultra-low sulfur fuel oil. Diesel starting means is provided and Northeast is a designated black-start facility.

The following are the major systems and equipment that were included in the retirement and dismantlement of each unit and the major systems and equipment that were considered common (additional details are listed in the attached retirement and dismantlement schedules included in this Appendix).

NORTHEAST UNITS 11 THROUGH 18

1. Combustion turbine generator sets and auxiliaries (eight).
2. Generator step-up and auxiliary transformers (four).
3. Exhaust stacks (eight).

COMMON

1. Service building.
2. Fuel oil unloading, storage, and forwarding equipment.
3. Service/Instrument air compressors.

Northeast Retirement

Owner Costs				
Pre-Retirement Activities		$46,506		
Retirement Activities		$329,203		
Post-Retirement Activities		$47,901		
Owner Direct total			$423,609	
Owner Internal Costs:	5.00%		$21,180	
Owner Contingency:	25.00%		$111,197	
Northeast Dismantlement Opinion of Probable Cost:				$555,987

Activities Required by Permit or Regulation

Northeast Fuel Oil Tank Removal	$553,553	
Activities Required by Permit or Regulation		$553,553

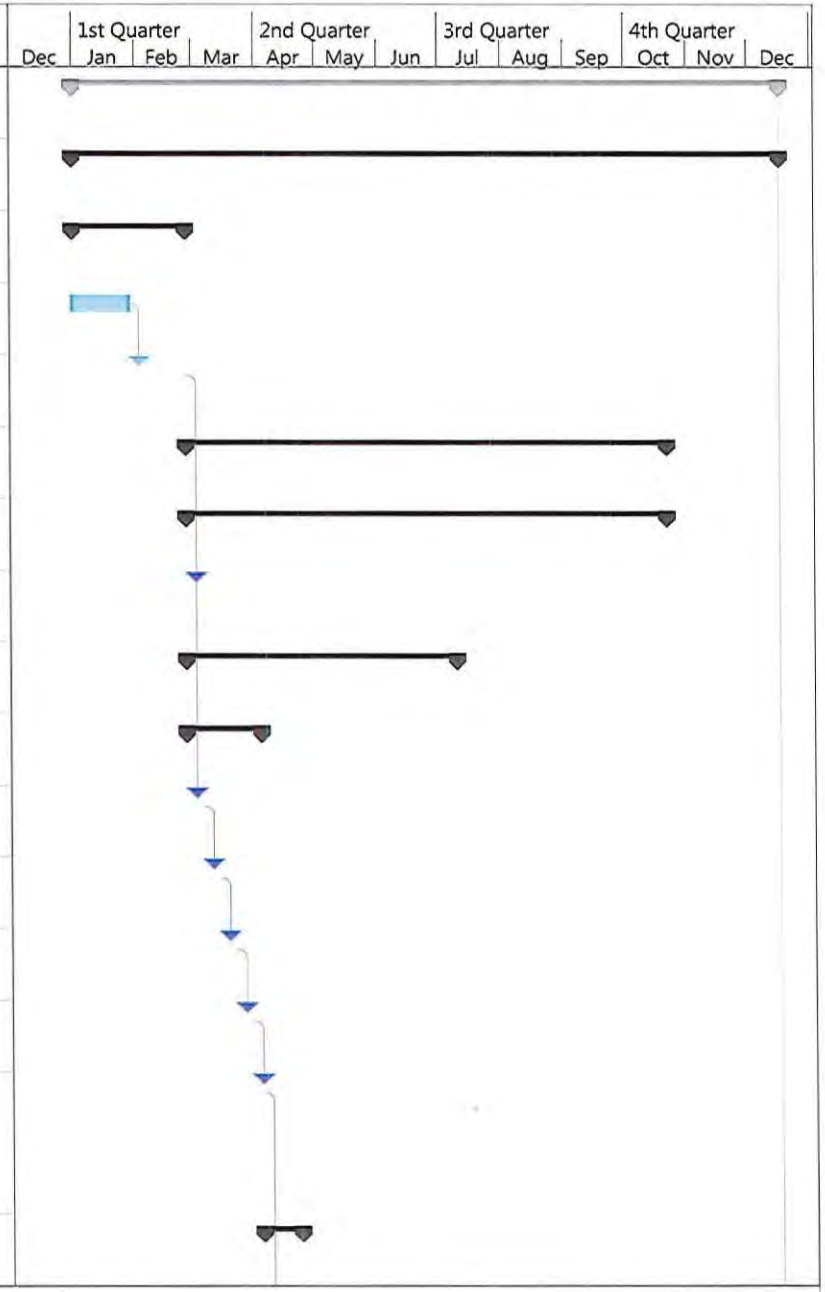
Northeast Retirement

ID	Task Name	Cost
0	**Northeast Retirement**	**$423,609.36**
1	**Northeast Retirement**	**$423,609.36**
2	**Pre-Retirement Activities**	**$46,505.60**
3	Permitting Review	$24,896.00
4	Develop Detailed Retirement Plan	$21,609.60
5	**Retirement Activities**	**$329,202.96**
6	**Project Management During Retirement**	**$144,649.60**
7	Project Management During Retirement	$144,649.60
8	**Electrical**	**$94,187.52**
9	**Medium and Low Voltage Drawout Switchgear**	**$26,490.24**
10	De-energize all buses at the source.	$5,886.72
11	Open all circuit breakers.	$5,886.72
12	Rack all circuit breakers into the fully withdrawn, disconnected position.	$5,886.72
13	Verify that the closing/tripping springs are discharged.	$5,886.72
14	De-energize control power and auxiliary power circuits of each circuit breaker at the source and by opening control power circuit breakers or removing fuses in each breaker cubicle.	$2,943.36
15	**Motor Control Centers**	**$12,754.56**
16	De-energize all buses at the source.	$2,943.36
17	Open all circuit breakers and disconnect switches.	$4,905.60
18	Remove all fuses in control circuits.	$4,905.60
19	**Low-voltage Switchboards and Panelboards**	**$11,773.44**
20	De-energize all buses at the source.	$5,886.72
21	Open all circuit breakers and disconnect switches.	$5,886.72
22	**Oil-Filled Power Transformers**	**$19,622.40**
23	De-energize all buses at the source.	$4,905.60
24	Open all circuit breakers and disconnect switches.	$4,905.60
25	De-energize all buses at the source.	$4,905.60
26	Open all circuit breakers and disconnect switches.	$4,905.60
27	**Dry-type Power Transformers**	**$8,830.08**
28	De-energize all transformer primaries and verify that the secondary is de-energized.	$4,905.60
29	De-energize all low-voltage AC or DC power sources for space heaters, cooling equipment, controls, etc. at the source and open circuit breakers or remove fuses at transformer end.	$3,924.48
30	**Motors**	**$14,716.80**
31	De-energize all primary power at the source.	$4,905.60
32	De-energize all low-voltage power sources for space heaters or other auxiliary equipment at the source.	$4,905.60
33	Drain lube oil system (if applicable) and dispose of oil.	$4,905.60
34	**Fuel Oil System**	**$6,151.36**
35	Isolate Fuel Oil System	$4,264.32
36	Drain and Vent Fuel Oil Piping	$1,887.04
37	**Lube Oil Cooling Water System**	**$10,378.72**

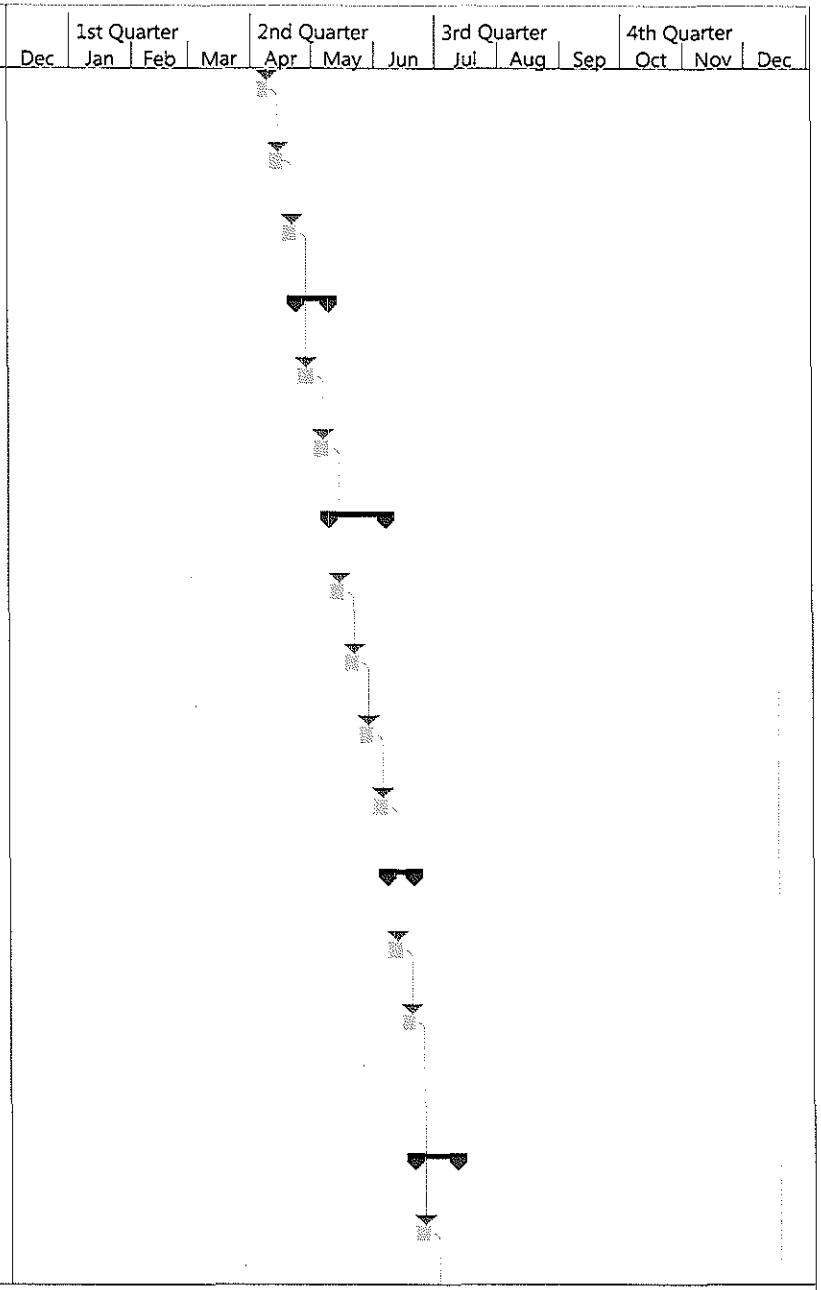
Northeast Retirement

ID	Task Name	Cost
38	Open and Drain the Water Side of the Lube Oil Coolers	$7,548.16
39	Open and Vent the Coolers and Expansion Tank	$2,830.56
40	**Oily Drain Tank**	**$4,266.96**
41	Open and Pump Out the Oily Drain Tank	$4,266.96
42	**Compressed Air**	**$3,774.08**
43	Empty Dessiccant Air Dryers and Vent	$1,887.04
44	Open and Vent the Air Reciever	$1,887.04
45	**Miscelleaneous Piping**	**$16,039.84**
46	Open and Vent the Exhaust Frame Cooling Piping	$2,830.56
47	Open and Vent the Inlet Air Heating Piping	$2,830.56
48	Open & Vent the CT Air Process Piping	$7,548.16
49	Open and Vent the CT Air Processing Piping	$2,830.56
50	**Fire Protection Piping**	**$7,495.68**
51	Empty the CO2 Storage Tank	$5,608.64
52	Open and Vent the Fire Protection Piping	$1,887.04
53	**Lube Oil System**	**$32,354.64**
54	Empty and Remove from Site the Lubricating Oil	$21,032.40
55	Drain Lubricating Oil Piping	$9,435.20
56	Open and Vent Lubricating Oil Piping	$1,887.04
57	**Potable Water**	**$2,888.40**
58	Disconnect Potable Water at Property Boundary	$2,888.40
59	**Waste Water**	**$4,264.32**
60	Disconnect Waste Water at Property Boundary	$4,264.32
61	**Unleaded Gasoline Fueling Station**	**$2,751.84**
62	Drain the Unleaded Gasoline Fueling Station	$2,751.84
63	**Post Retirement Closure Activity**	**$47,900.80**
64	Post Retirement Closure Activity	$47,900.80

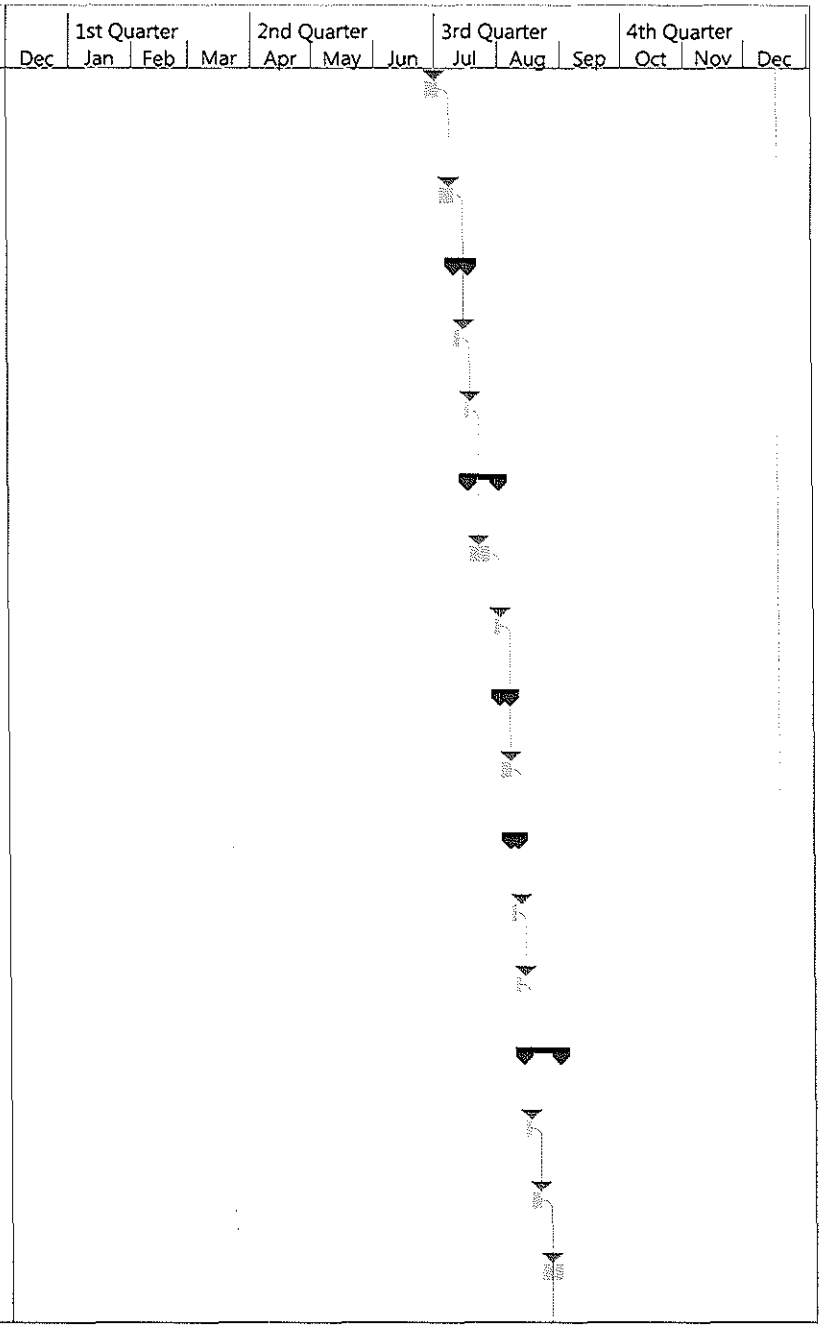
ID	Task Name	Duration
0	**Northeast Retirement**	**250 days**
1	**Northeast Retirement**	**250 days**
2	**Pre-Retirement Activities**	**40 days**
3	Permitting Review	20 days
4	Develop Detailed Retirement Plan	20 days
5	**Retirement Activities**	**170 days**
6	**Project Management During Retirement**	**170 days**
7	Project Management During Retirement	170 days
8	**Electrical**	**96 days**
9	**Medium and Low Voltage Drawout Switchgear**	**27 days**
10	De-energize all buses at the source.	6 days
11	Open all circuit breakers.	6 days
12	Rack all circuit breakers into the fully withdrawn, disconnected position.	6 days
13	Verify that the closing/tripping springs are discharged.	6 days
14	De-energize control power and auxiliary power circuits of each circuit breaker at the source and by opening control power circuit breakers or removing fuses in each breaker cubicle.	3 days
15	**Motor Control Centers**	**13 days**



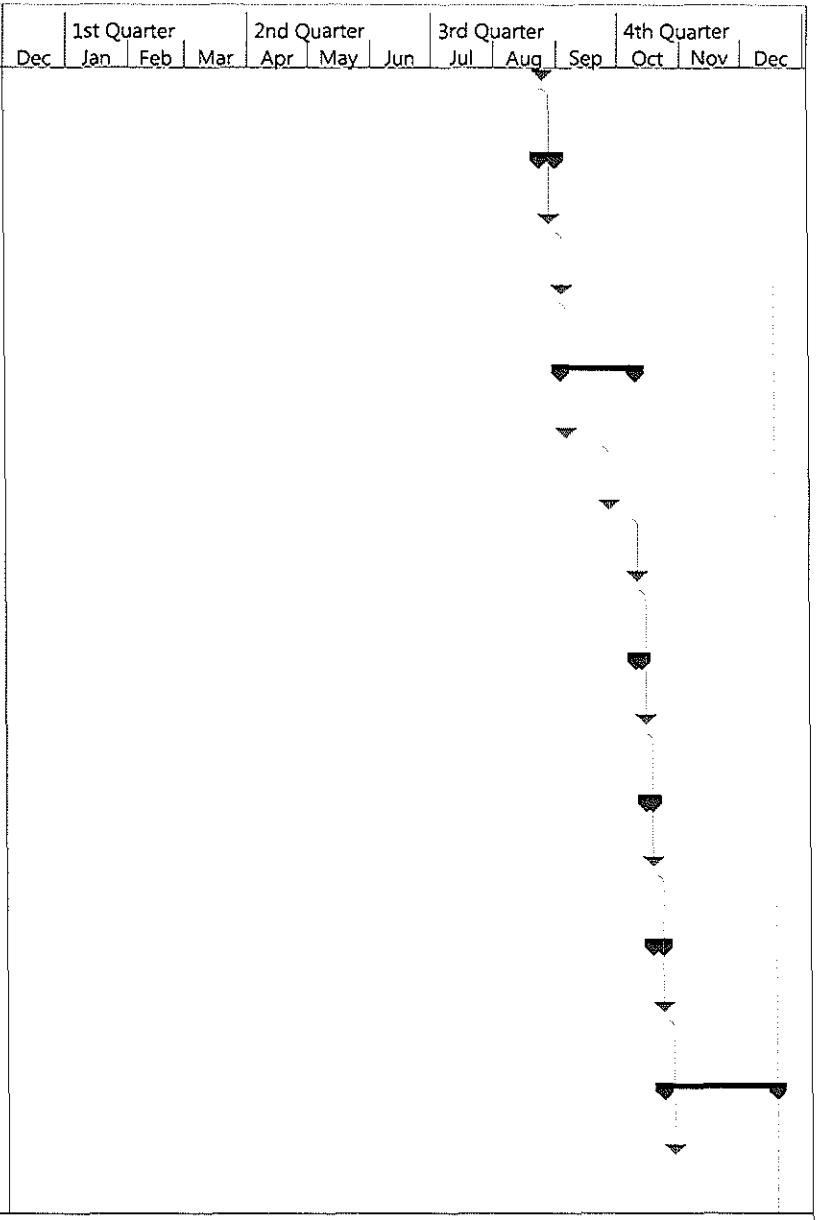
ID	Task Name	Duration
16	De-energize all buses at the source.	3 days
17	Open all circuit breakers and disconnect switches.	5 days
18	Remove all fuses in control circuits.	5 days
19	**Low-voltage Switchboards and Panelboards**	**12 days**
20	De-energize all buses at the source.	6 days
21	Open all circuit breakers and disconnect switches.	6 days
22	**Oil-Filled Power Transformers**	**20 days**
23	De-energize all buses at the source.	5 days
24	Open all circuit breakers and disconnect switches.	5 days
25	De-energize all buses at the source.	5 days
26	Open all circuit breakers and disconnect switches.	5 days
27	**Dry-type Power Transformers**	**9 days**
28	De-energize all transformer primaries and verify that the secondary is de-energized.	5 days
29	De-energize all low-voltage AC or DC power sources for space heaters, cooling equipment, controls, etc. at the source and open circuit breakers or remove fuses at transformer end.	4 days
30	**Motors**	**15 days**
31	De-energize all primary power at the source.	5 days



ID	Task Name	Duration
32	De-energize all low-voltage power sources for space heaters or other auxiliary equipment at the source.	5 days
33	Drain lube oil system (if applicable) and dispose of oil.	5 days
34	**Fuel Oil System**	**5 days**
35	Isolate Fuel Oil System	3 days
36	Drain and Vent Fuel Oil Piping	2 days
37	**Lube Oil Cooling Water System**	**11 days**
38	Open and Drain the Water Side of the Lube Oil Coolers	8 days
39	Open and Vent the Coolers and Expansion Tank	3 days
40	**Oily Drain Tank**	**3 days**
41	Open and Pump Out the Oily Drain Tank	3 days
42	**Compressed Air**	**4 days**
43	Empty Dessiccant Air Dryers and Vent	2 days
44	Open and Vent the Air Reciever	2 days
45	**Miscelleaneous Piping**	**14 days**
46	Open and Vent the Exhaust Frame Cooling Piping	3 days
47	Open and Vent the Inlet Air Heating Piping	3 days
48	Open & Vent the CT Air Process Piping	8 days



ID	Task Name	Duration
49	Open and Vent the CT Air Processing Piping	3 days
50	**Fire Protection Piping**	**6 days**
51	Empty the CO2 Storage Tank	4 days
52	Open and Vent the Fire Protection Piping	2 days
53	**Lube Oil System**	**27 days**
54	Empty and Remove from Site the Lubricating Oil	15 days
55	Drain Lubricating Oil Piping	10 days
56	Open and Vent Lubricating Oil Piping	2 days
57	**Potable Water**	**3 days**
58	Disconnect Potable Water at Property Boundary	3 days
59	**Waste Water**	**3 days**
60	Disconnect Waste Water at Property Boundary	3 days
61	**Unleaded Gasoline Fueling Station**	**3 days**
62	Drain the Unleaded Gasoline Fueling Station	3 days
63	**Post Retirement Closure Activity**	**40 days**
64	Post Retirement Closure Activity	40 days



Northeast Dismantlement

Owner Costs				
Pre-Dismantlement Activities		$1,104,559		
Overhead During Dismantlement		$1,538,618		
Post-Dismantlement Activities		$69,510		
Owner Costs Total			$2,712,688	
Demolition General Contractor (DGC) Costs				
Site Management		$743,767		
Equipment Rental		$1,253,525		
Consumables		$1,250,594		
Scrap Crew(s)		$324,113		
Dismantlement		$1,192,391		
DGC Insurance	2.00%	$95,288		
Contingency/Profit	15.00%	$728,952		
Performance Bond	2.00%	$111,773		
Contractor Costs Total:			$5,700,402	
Total:				$8,413,090
Owner Internal Costs:	5.00%			$420,654
Owner Contingency:	25.00%			$2,208,436
Northeast Dismantlement Opinion of Probable Cost:				$11,042,180

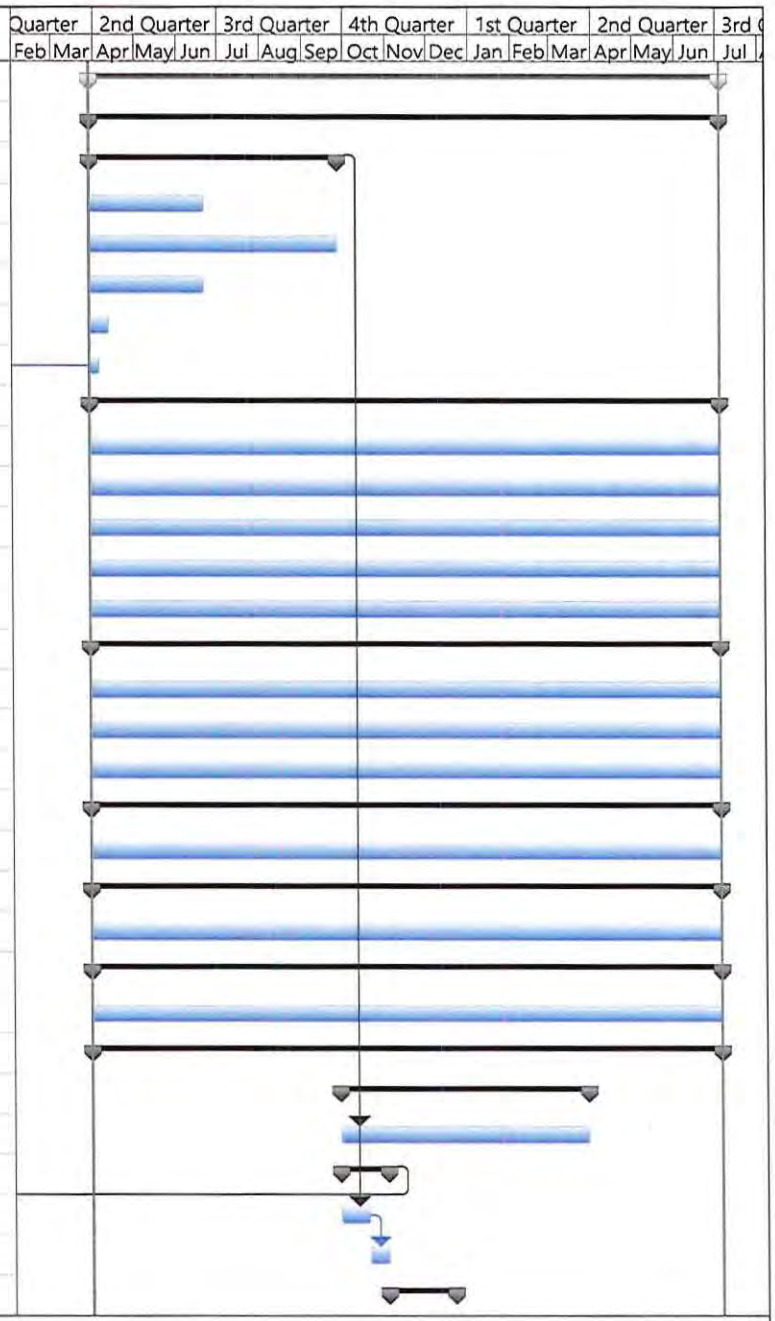
Northeast CT Dismantlement

ID	Task Name	Cost
0	**Northeast CT Dismantlement**	**$7,477,077.60**
1	**Northeast CT Dismantlement**	**$7,477,077.60**
2	**Pre-Demolition Activities**	**$1,104,558.96**
3	Detailed Planning & Hire Owner's Engineer	$110,802.72
4	Detailed Site Characterization Study	$783,536.00
5	Hire Demolition general Contractor	$198,647.04
6	KCP&L Prepares Unit for Dismantlement	$11,573.20
7	Demolition Contractor Mobilizes on Sit	$0.00
8	**KCP&L Overhead during Dismantlement**	**$1,538,618.40**
9	KCP&L Project Manager	$216,902.40
10	KCP&L Administrative Support	$80,229.60
11	KCP&L Engineer	$356,558.40
12	Owners Engineer Project Manager	$108,768.00
13	Owners Engineer - Engineer	$776,160.00
14	**Demolition Contractor Overhead during Dismantlement**	**$743,767.20**
15	Demolition Contractor Project Manager	$210,434.40
16	Demolition Contractor Safety Manager	$187,387.20
17	Demolition Contractor Superintendent	$345,945.60
18	**Demolition Contractor Equipment Rental Cost**	**$1,253,524.80**
19	Equipment Rental	$1,253,524.80
20	**Demolition Contractor Consumables**	**$1,250,594.40**
21	Consumables	$1,250,594.40
22	**Scrap Crews**	**$324,112.80**
23	Crew to Handle Scrap Material(s)	$324,112.80
24	**Dismantlement**	**$1,192,390.64**
25	**Electrical**	**$298,823.20**
26	Electrical Demolition of Equipment	$298,823.20
27	**Fuel Oil System**	**$27,158.96**
28	Remove Above Ground Fuel Oil Piping	$8,654.16
29	Fuel Skids	$18,504.80
30	**Lube Oil System**	**$64,766.80**
31	Lube Oil Piping	$27,757.20
32	Lube Oil Pumps	$18,504.80
33	Lube Oil Tanks	$18,504.80
34	**Fire Protection**	**$61,065.84**
35	Fire Protection Piping	$29,607.68
36	Firewater Tank	$16,654.32
37	CO2 Storage Tank	$14,803.84
38	**Miscellaneous Piping**	**$86,972.56**
39	Exhaust Frame Cooling Piping	$27,757.20
40	CT Air Processing Piping	$31,458.16
41	Inlet Air Heating Piping	$27,757.20
42	**Generator**	**$92,524.00**
43	Generator	$92,524.00
44	**Combustion Turbine**	**$262,768.16**
45	Inlet Heater	$18,504.80
46	Inlet duct	$31,458.16
47	Exhaust duct	$37,009.60
48	Combustion Turbine	$111,028.80

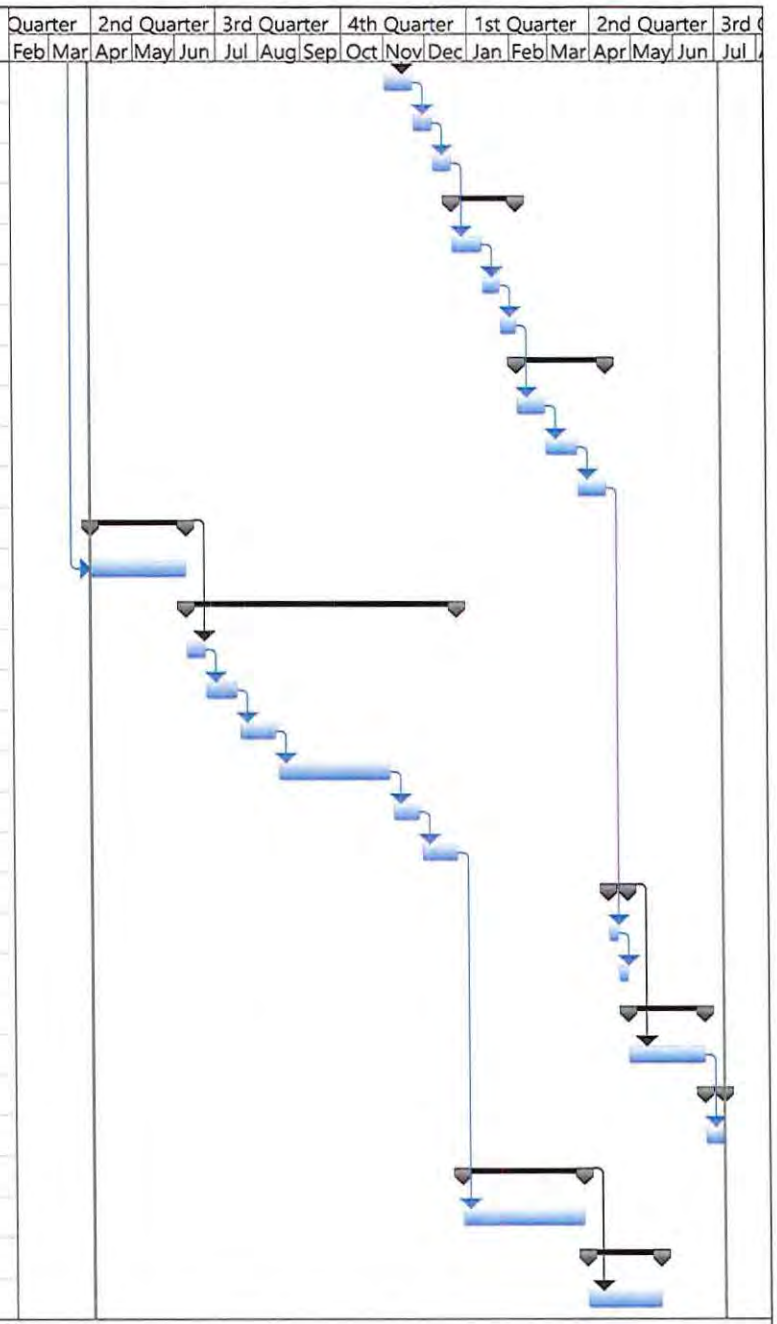
Northeast CT Dismantlement

ID	Task Name	Cost
49	Combustion Turbine Foundation	$27,757.20
50	Enclosure	$37,009.60
51	**CEMS**	**$18,504.80**
52	CEMS Building	$9,252.40
53	CEMS Building Foundation	$9,252.40
54	**Stack**	**$74,019.20**
55	Stacks	$74,019.20
56	**Site Buildings**	**$18,504.80**
57	Remove Site Buildings	$18,504.80
58	**Site Prep**	**$187,282.32**
59	Final Grading and Drainage	$187,282.32
60	**Post Dismantlement Activities**	**$69,510.40**
61	Post Dismantlement Activities	$69,510.40

ID	Task Name	Duration
0	**Northeast CT Dismantlement**	**330 days**
1	**Northeast CT Dismantlement**	**330 days**
2	**Pre-Demolition Activities**	**130 days**
3	Detailed Planning & Hire Owner's Engineer	3 mons
4	Detailed Site Characterization Study	130 days
5	Hire Demolition general Contractor	3 mons
6	KCP&L Prepares Unit for Dismantlement	2 wks
7	Demolition Contractor Mobilizes on Site	5 days
8	**KCP&L Overhead during Dismantlement**	**330 days**
9	KCP&L Project Manager	330 days
10	KCP&L Administrative Support	330 days
11	KCP&L Engineer	330 days
12	Owners Engineer Project Manager	330 days
13	Owners Engineer - Engineer	330 days
14	**Demolition Contractor Overhead during Dismantlement**	**330 days**
15	Demolition Contractor Project Manager	330 days
16	Demolition Contractor Safety Manager	330 days
17	Demolition Contractor Superintendent	330 days
18	**Demolition Contractor Equipment Rental Cost**	**330 days**
19	Equipment Rental	330 days
20	**Demolition Contractor Consumables**	**330 days**
21	Consumables	330 days
22	**Scrap Crews**	**330 days**
23	Crew to Handle Scrap Material(s)	330 days
24	**Dismantlement**	**330 days**
25	**Electrical**	**130 days**
26	Electrical Demolition of Equipment	130 days
27	**Fuel Oil System**	**25 days**
28	Remove Above Ground Fuel Oil Piping	15 days
29	Fuel Skids	10 days
30	**Lube Oil System**	**35 days**



ID	Task Name	Duration
31	Lube Oil Piping	15 days
32	Lube Oil Pumps	10 days
33	Lube Oil Tanks	10 days
34	**Fire Protection**	**33 days**
35	Fire Protection Piping	16 days
36	Firewater Tank	9 days
37	CO2 Storage Tank	8 days
38	**Miscellaneous Piping**	**47 days**
39	Exhaust Frame Cooling Piping	15 days
40	CT Air Processing Piping	17 days
41	Inlet Air Heating Piping	15 days
42	**Generator**	**50 days**
43	Generator	50 days
44	**Combustion Turbine**	**142 days**
45	Inlet Heater	10 days
46	Inlet duct	17 days
47	Exhaust duct	20 days
48	Combustion Turbine	60 days
49	Combustion Turbine Foundation	15 days
50	Enclosure	20 days
51	**CEMS**	**10 days**
52	CEMS Building	5 days
53	CEMS Building Foundation	5 days
54	**Stack**	**40 days**
55	Stacks	40 days
56	**Site Buildings**	**10 days**
57	Remove Site Buildings	10 days
58	**Site Prep**	**65 days**
59	Final Grading and Drainage	65 days
60	**Post Dismantlement Activities**	**40 days**
61	Post Dismantlement Activities	40 days



HAWTHORN GENERATING STATION
UNITS 7 AND 8

HAWTHORN GENERATING STATION UNITS 7 AND 8

Hawthorn Generating Station Units 7 and 8 are twin natural gas-fired combustion turbine generator sets that were added to the existing plant in 2000.

Each of these combustion turbines has an SPP-accredited unit rating of 77 MW and is comprised of a General Electric Model 7EA combustion turbine. The pair is interconnected to the grid through a single, three-winding generator step-up transformer arrangement. Each combustion turbine employs dry low NO_x burner technology and burns only natural gas fuel.

The following are the major systems and equipment that were included in the retirement and dismantlement of each unit and the major systems and equipment that were considered common (additional details are listed in the attached retirement and dismantlement schedules included in this Appendix).

HAWTHORN UNITS 7 AND 8

1. Combustion turbine generator sets and auxiliaries (two).
2. Generator step-up and auxiliary transformers (one).
3. Freestanding outdoor switchgear.
4. Exhaust stacks.

COMMON

1. Natural gas filtering skid.
2. Service/Instrument air compressors.

Hawthorn 7 & 8 Retirement

Owner Costs			
Pre-Retirement Activities		$46,506	
Retirement Activities		$186,567	
Post-Retirement Activities		$47,901	
Owner Direct Total			$280,973
Owner Internal Costs	5.00%		$14,049
Owner Contingency:	25.00%		$73,755
Hawthorn 7 & 8 Retirement Opinion of Probable Cost:			$368,777

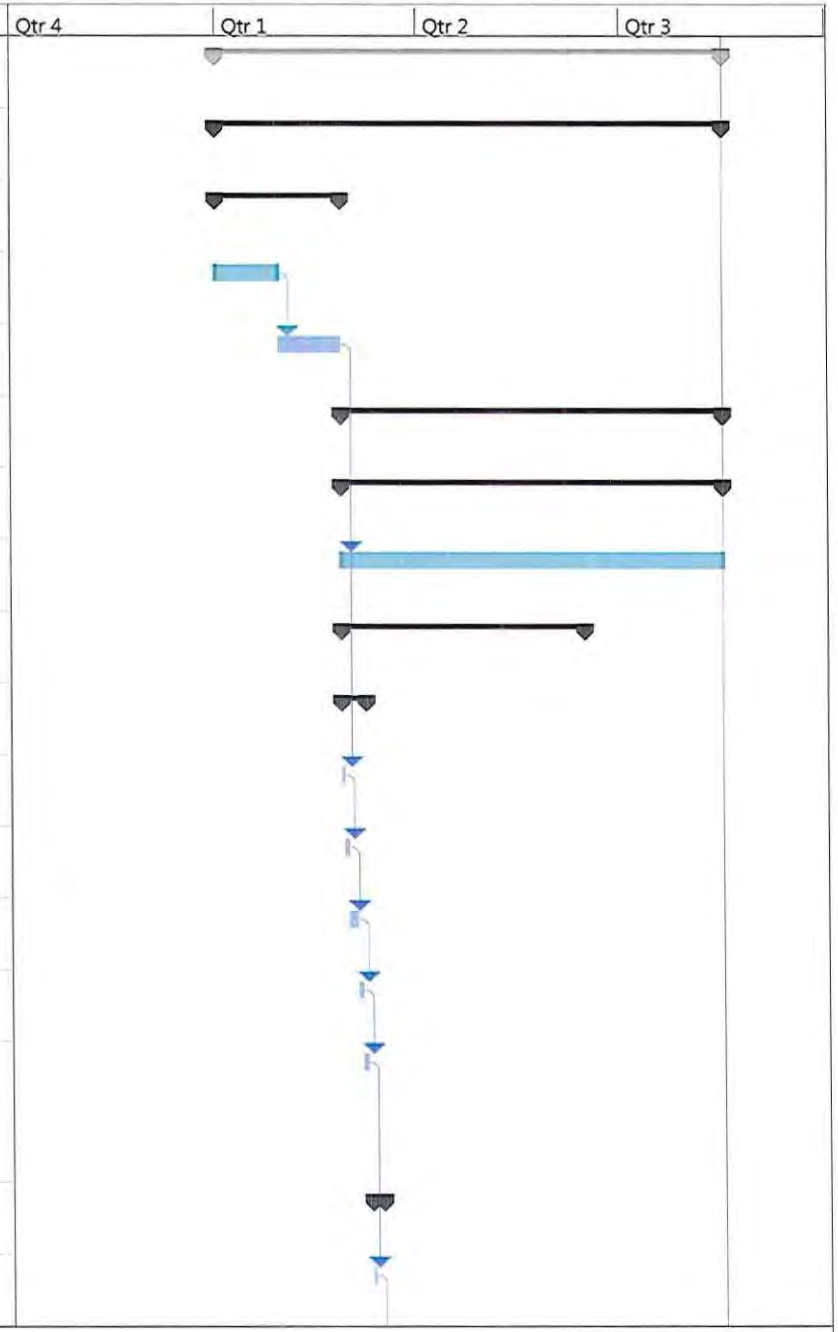
Hawthorn 7 & 8

ID	Task Name	Cost
0	**Hawthorn 7 & 8**	**$280,973.12**
1	**Hawthorn 7&8 Retirement**	**$280,973.12**
2	**Pre-Retirement Activities**	**$46,505.60**
3	Permitting Review	$24,896.00
4	Develop Detailed Retirement Plan	$21,609.60
5	**Retirement Activities**	**$186,566.72**
6	**Project Management During Retirement**	**$104,658.24**
7	Project Management During Retirement	$104,658.24
8	**Electrical**	**$81,908.48**
9	**Medium and Low Voltage Drawout Switchgear**	**$8,830.08**
10	De-energize all buses at the source.	$981.12
11	Open all circuit breakers.	$1,962.24
12	Rack all circuit breakers into the fully withdrawn, disconnected position.	$1,962.24
13	Verify that the closing/tripping springs are discharged.	$1,962.24
14	De-energize control power and auxiliary power circuits of each circuit brea	$1,962.24
15	**Motor Control Centers**	**$4,905.60**
16	De-energize all buses at the source.	$981.12
17	Open all circuit breakers and disconnect switches.	$1,962.24
18	Remove all fuses in control circuits.	$1,962.24
19	**Low-voltage Switchboards and Panelboards**	**$2,943.36**
20	De-energize all buses at the source.	$981.12
21	Open all circuit breakers and disconnect switches.	$1,962.24
22	**Oil-Filled Power Transformers**	**$6,867.84**
23	De-energize all buses at the source.	$981.12
24	Open all circuit breakers and disconnect switches.	$1,962.24
25	De-energize all buses at the source.	$1,962.24
26	Open all circuit breakers and disconnect switches.	$1,962.24
27	**Dry-type Power Transformers**	**$3,924.48**
28	De-energize all transformer primaries and verify that the secondary is de-e	$1,962.24
29	De-energize all low-voltage AC or DC power sources for space heaters, coo	$1,962.24
30	**Motors**	**$6,867.84**
31	De-energize all primary power at the source.	$981.12
32	De-energize all low-voltage power sources for space heaters or other auxil	$1,962.24
33	Drain lube oil system (if applicable) and dispose of oil.	$3,924.48
34	**Fuel Gas System**	**$11,786.24**
35	Isolate Fuel Gas System	$4,264.32
36	Vent Fuel Gas Piping and Equipment	$2,751.84
37	Open and Vent Knock-Out Drum	$943.52
38	Drain, Open and Vent the Drain Tank	$943.52
39	Empty the Coalescing Filter	$1,939.52
40	Open and Vent Equipment on the CT Gas Valve Module	$943.52
41	**Lube Oil Cooling Water System**	**$3,774.08**
42	Open and Drain the Water Side of the Lube Oil Coolers	$2,830.56
43	Open and Vent the Coolers and Expansion Tank	$943.52
44	**Oily Drain Tank**	**$4,266.96**
45	Open and Pump Out the Oily Drain Tank	$4,266.96
46	**Wash Water Skid**	**$5,661.12**
47	Open and Drain the Detergent Tank	$1,887.04
48	Open and Drain the Demineralized Water Tank	$1,887.04

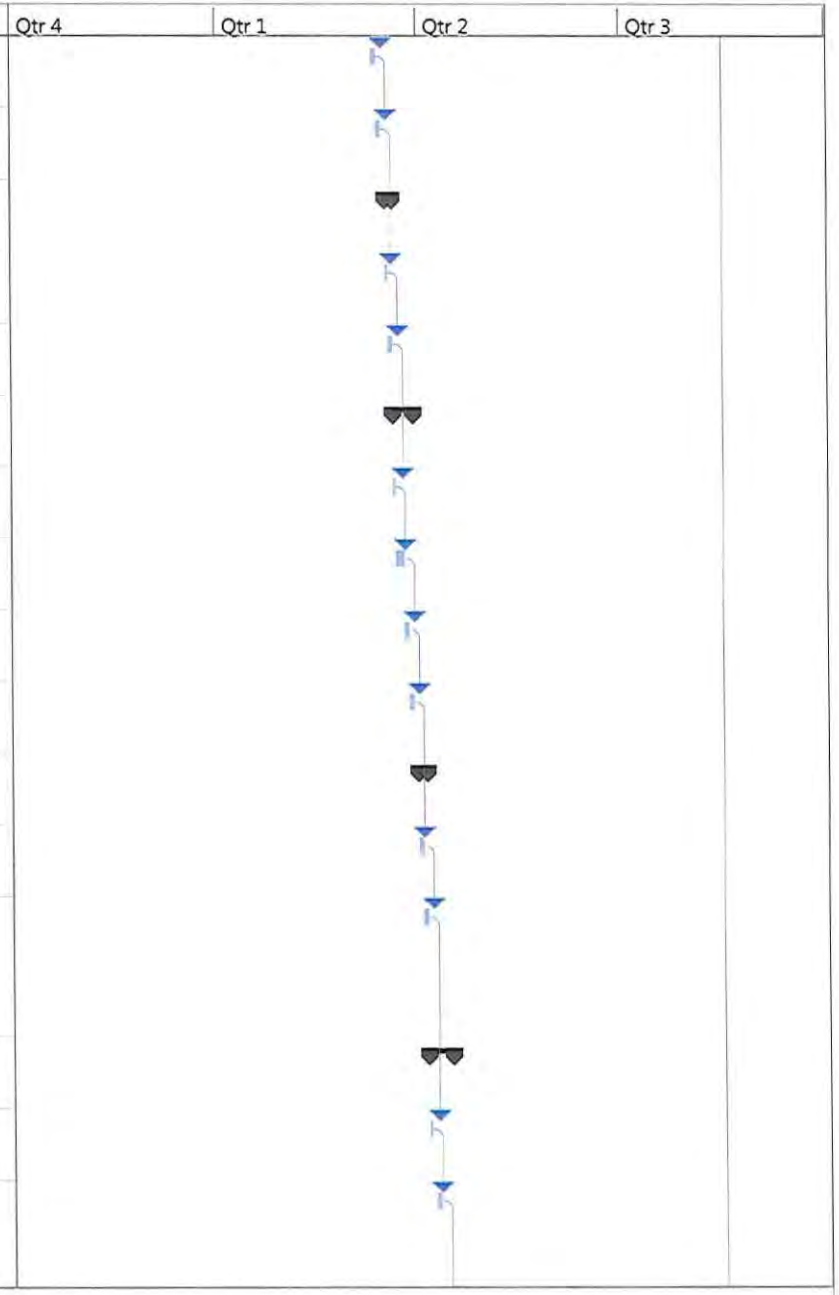
Hawthorn 7 & 8

ID	Task Name	Cost
49	Empty the Demineralized Water Tank	$1,887.04
50	**Compressed Air**	**$1,887.04**
51	Empty Dessiccant Air Dryers and Vent	$943.52
52	Open and Vent the Air Reciever	$943.52
53	**Miscelleaneous Piping**	**$5,661.12**
54	Open and Vent the Exhaust Frame Cooling Piping	$943.52
55	Open and Vent the CT Air Processing Piping	$1,887.04
56	Open and Vent the Inlet Air Heating Piping	$943.52
57	Open and Vent the CT Air Processing Piping	$1,887.04
58	**Fire Protection Piping**	**$3,747.84**
59	Empty the CO2 Storage Tank	$2,804.32
60	Open and Vent the Fire Protection Piping	$943.52
61	**Lube Oil System**	**$10,784.88**
62	Empty and Remove from Site the Lubricating Oil	$7,010.80
63	Drain Lubricating Oil Piping	$2,830.56
64	Open and Vent Lubricating Oil Piping	$943.52
65	**Post Retirement Closure Activity**	**$47,900.80**
66	Post Retirement Closure Activity	$47,900.80

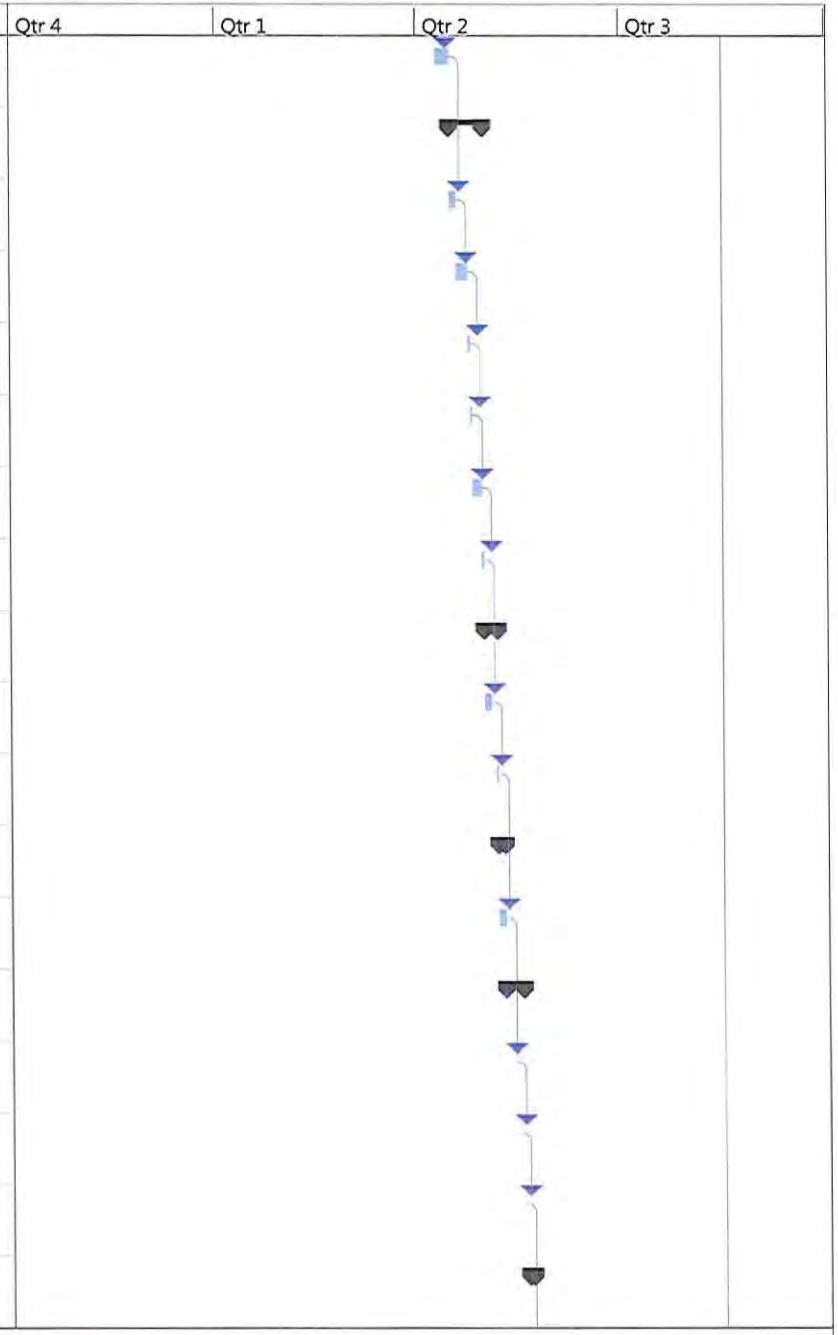
ID	Task Name	Duration
0	**Hawthorn 7 & 8**	**163 days**
1	**Hawthorn 7&8 Retirement**	**163 days**
2	**Pre-Retirement Activities**	**40 days**
3	Permitting Review	20 days
4	Develop Detailed Retirement Plan	20 days
5	**Retirement Activities**	**123 days**
6	**Project Management During Retirement**	**123 days**
7	Project Management During Retirement	123 days
8	**Electrical**	**79 days**
9	**Medium and Low Voltage Drawout Switchgear**	**9 days**
10	De-energize all buses at the source.	1 day
11	Open all circuit breakers.	2 days
12	Rack all circuit breakers into the fully withdrawn, disconnected position.	2 days
13	Verify that the closing/tripping springs are discharged.	2 days
14	De-energize control power and auxiliary power circuits of each circuit breaker at the source and by opening control power circuit breakers or removing fuses in each breaker cubicle.	2 days
15	**Motor Control Centers**	**5 days**
16	De-energize all buses at the source.	1 day



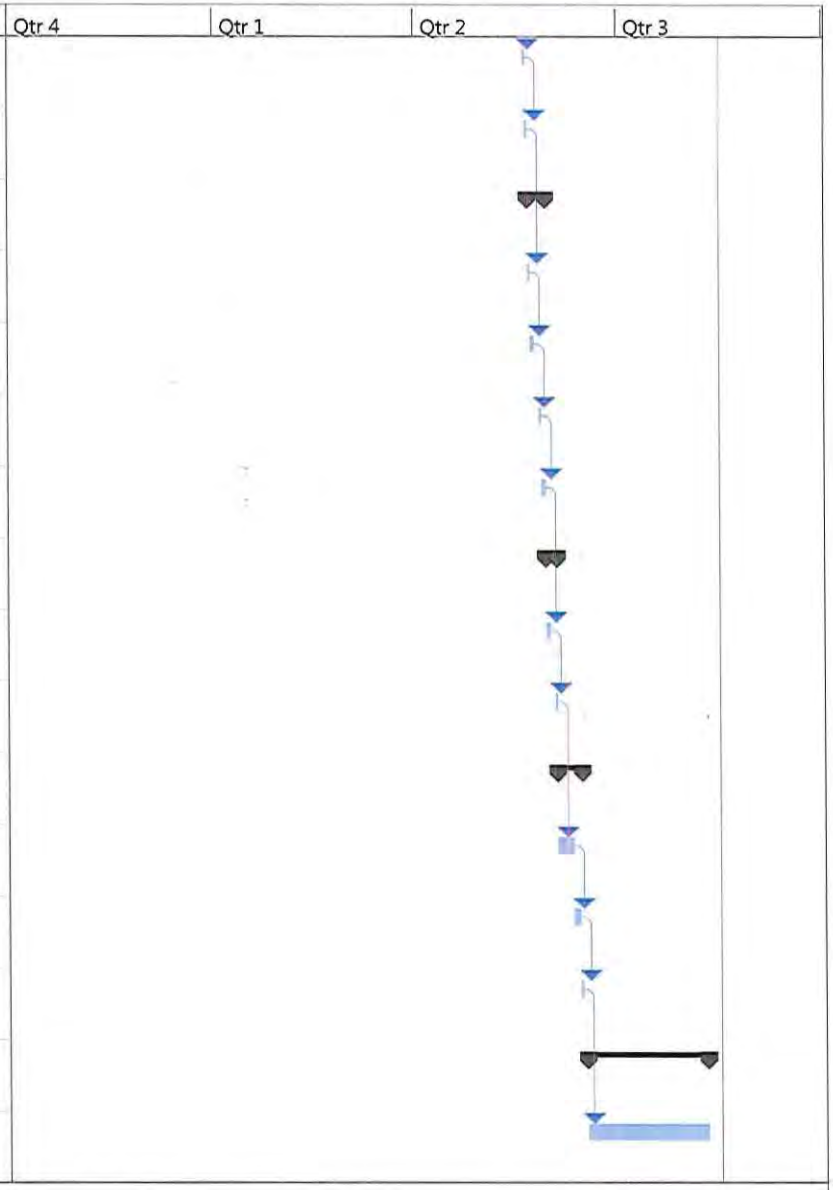
ID	Task Name	Duration
17	Open all circuit breakers and disconnect switches.	2 days
18	Remove all fuses in control circuits.	2 days
19	**Low-voltage Switchboards and Panelboards**	**3 days**
20	De-energize all buses at the source.	1 day
21	Open all circuit breakers and disconnect switches.	2 days
22	**Oil-Filled Power Transformers**	**7 days**
23	De-energize all buses at the source.	1 day
24	Open all circuit breakers and disconnect switches.	2 days
25	De-energize all buses at the source.	2 days
26	Open all circuit breakers and disconnect switches.	2 days
27	**Dry-type Power Transformers**	**4 days**
28	De-energize all transformer primaries and verify that the secondary is de-energized.	2 days
29	De-energize all low-voltage AC or DC power sources for space heaters, cooling equipment, controls, etc. at the source and open circuit breakers or remove fuses at transformer end.	2 days
30	**Motors**	**7 days**
31	De-energize all primary power at the source.	1 day
32	De-energize all low-voltage power sources for space heaters or other auxiliary equipment at the source.	2 days



ID	Task Name	Duration
33	Drain lube oil system (if applicable) and dispose of oil.	4 days
34	**Fuel Gas System**	**11 days**
35	Isolate Fuel Gas System	3 days
36	Vent Fuel Gas Piping and Equipment	3 days
37	Open and Vent Knock-Out Drum	1 day
38	Drain, Open and Vent the Drain Tank	1 day
39	Empty the Coalescing Filter	2 days
40	Open and Vent Equipment on the CT Gas Valve Module	1 day
41	**Lube Oil Cooling Water System**	**4 days**
42	Open and Drain the Water Side of the Lube Oil Coolers	3 days
43	Open and Vent the Coolers and Expansion Tank	1 day
44	**Oily Drain Tank**	**3 days**
45	Open and Pump Out the Oily Drain Tank	3 days
46	**Wash Water Skid**	**6 days**
47	Open and Drain the Detergent Tank	2 days
48	Open and Drain the Demineralized Water Tank	2 days
49	Empty the Demineralized Water Tank	2 days
50	**Compressed Air**	**2 days**



ID	Task Name	Duration
51	Empty Dessiccant Air Dryers and Vent	1 day
52	Open and Vent the Air Reciever	1 day
53	**Miscelleaneous Piping**	**6 days**
54	Open and Vent the Exhaust Frame Cooling Piping	1 day
55	Open and Vent the CT Air Processing Piping	2 days
56	Open and Vent the Inlet Air Heating Piping	1 day
57	Open and Vent the CT Air Processing Piping	2 days
58	**Fire Protection Piping**	**3 days**
59	Empty the CO2 Storage Tank	2 days
60	Open and Vent the Fire Protection Piping	1 day
61	**Lube Oil System**	**9 days**
62	Empty and Remove from Site the Lubricating Oil	5 days
63	Drain Lubricating Oil Piping	3 days
64	Open and Vent Lubricating Oil Piping	1 day
65	**Post Retirement Closure Activity**	**40 days**
66	Post Retirement Closure Activity	40 days



Hawthorn 7 & 8 Dismantlement

Owner Costs			
Pre-Dismantlement Activities		$1,104,559	
Overhead During Dismantlement		$1,095,683	
Post-Dismantlement Activities		$34,755	
Owner Costs Total			$2,234,997
Demolition General Contractor (DGC) Costs			
Site Management		$529,652	
Equipment Rental		$892,662	
Consumables		$890,575	
Scrap Crew(s)		$230,808	
Dismantlement		$616,951	
DGC Insurance	2.00%	$63,213	
Contingency/Profit	15.00%	$483,579	
Performance Bond	2.00%	$74,149	
Contractor Costs Total:			$3,781,588
Total:			$6,016,585
Owner Internal Costs:	5.00%		$300,829
Owner Contingency:	25.00%		$1,579,354
Hawthorn 7 & 8 Dismantlement Opinion of Probable Cost:			$7,896,768

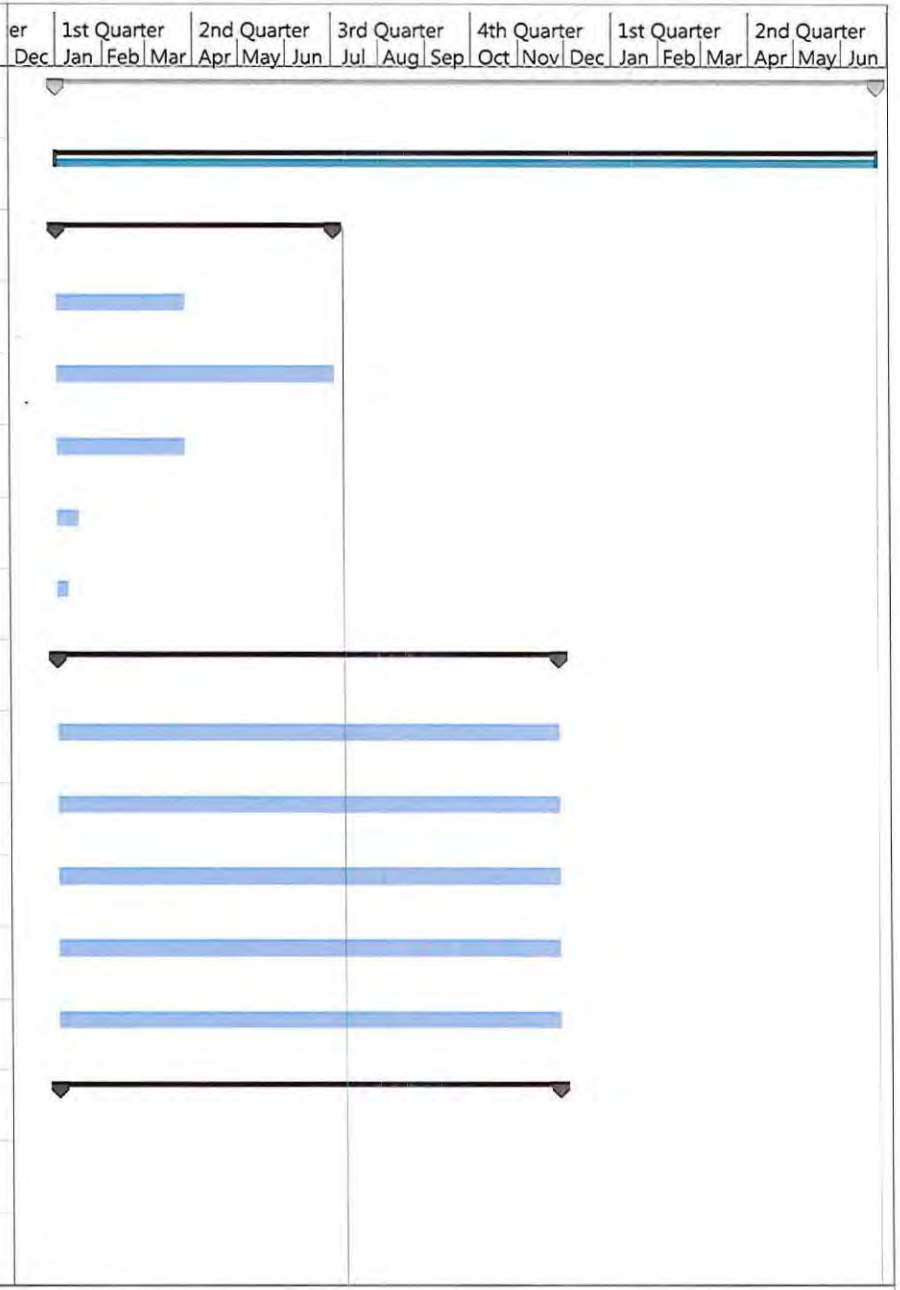
Hawthorn 7&8 Dismantlement

ID	Task Name	Cost
0	**Hawthorn 7&8 Dismantlement**	**$5,395,644.53**
1	**Hawthorn 7&8 Dismantlement**	**$5,395,644.53**
2	**Pre-Demolition Activities**	**$1,104,558.96**
3	Detailed Planning & Hire Owner's Engineer	$110,802.72
4	Detailed Site Characterization Study	$783,536.00
5	Hire Demolition general Contractor	$198,647.04
6	KCP&L Prepares Unit for Dismantlement	$11,573.20
7	Demolition Contractor Mobilizes on Sit	$0.00
8	**KCP&L Overhead during Dismantlement**	**$1,095,682.85**
9	KCP&L Project Manager	$154,460.82
10	KCP&L Administrative Support	$57,133.21
11	KCP&L Engineer	$253,912.82
12	Owners Engineer Project Manager	$77,456.00
13	Owners Engineer - Engineer	$552,720.00
14	**Demolition Contractor Overhead during Dismantlement**	**$529,652.45**
15	Demolition Contractor Project Manager	$149,854.81
16	Demolition Contractor Safety Manager	$133,442.41
17	Demolition Contractor Superintendent	$246,355.22
18	**Demolition Contractor Equipment Rental Cost**	**$892,661.69**
19	Equipment Rental	$892,661.69
20	**Demolition Contractor Consumables**	**$890,574.89**
21	Consumables	$890,574.89
22	**Scrap Crews**	**$230,807.62**
23	Crew to Handle Scrap Material(s)	$230,807.62
24	**Dismantlement**	**$616,950.88**
25	**Electrical**	**$206,877.60**
26	Electrical Demolition of Equipment	$206,877.60
27	**Fuel Gas System**	**$15,921.04**
28	Remove all above grade fuel gas piping.	$4,818.16
29	Gas Filter Skid	$11,102.88
30	**Lube Oil System**	**$37,009.60**
31	Lube Oil Piping	$9,252.40
32	Lube Oil Pumps	$9,252.40
33	Lube Oil Tanks	$18,504.80
34	**Fire Protection**	**$40,710.56**
35	Fire Protection Piping	$18,504.80
36	Firewater Tank	$14,803.84
37	CO2 Storage Tank	$7,401.92
38	**Wash Water Skid**	**$14,803.84**
39	Detergent Tank	$7,401.92
40	Demineralized Water Tank	$7,401.92
41	**Miscellaneous Piping**	**$51,813.44**
42	Exhaust Frame Cooling Piping	$14,803.84
43	CT Air Processing Piping	$18,504.80
44	Inlet Air Heating Piping	$18,504.80
45	**Generator**	**$0.00**
46	Generator	$0.00
47	**Combustion Turbine**	**$175,795.60**
48	Inlet Heater	$14,803.84

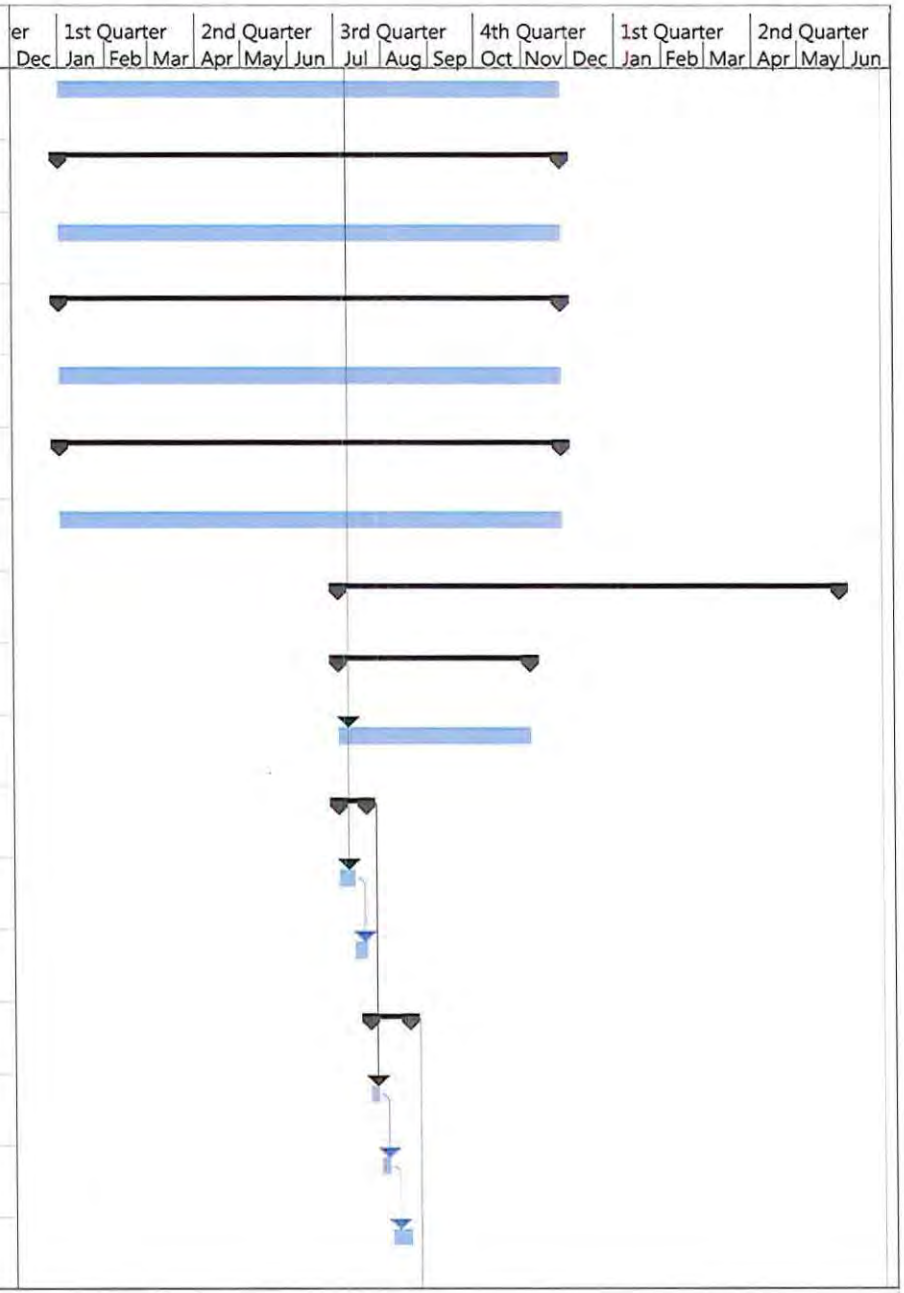
Hawthorn 7&8 Dismantlement

ID	Task Name	Cost
49	Inlet duct	$22,205.76
50	Exhaust duct	$27,757.20
51	Combustion Turbine	$57,364.88
52	Combustion Turbine Foundation	$24,056.24
53	Enclosure	$29,607.68
54	**CEMS**	**$25,906.72**
55	CEMS Building	$12,953.36
56	CEMS Building Foundation	$12,953.36
57	**Stack**	**$48,112.48**
58	Stack	$48,112.48
59	**Post Dismantlement Activities**	**$34,755.20**
60	Post Dismantlement Activities	$34,755.20

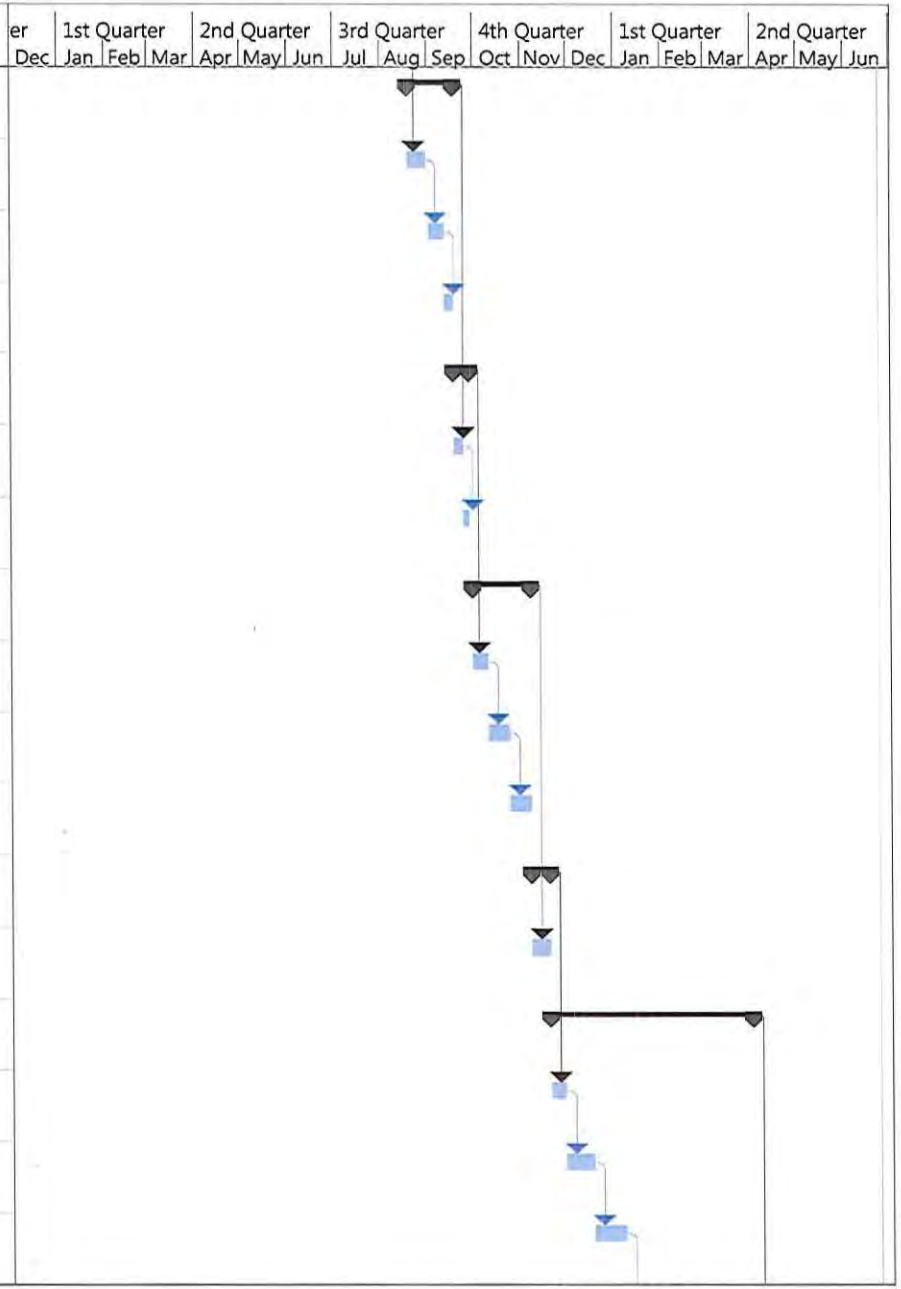
ID	Task Name	Duration
0	**Hawthorn 7&8 Dismantlement**	**385 days**
1	**Hawthorn 7&8 Dismantlement**	**385 days**
2	**Pre-Demolition Activities**	**130 days**
3	Detailed Planning & Hire Owner's Engineer	3 mons
4	Detailed Site Characterization Study	130 days
5	Hire Demolition general Contractor	3 mons
6	KCP&L Prepares Unit for Dismantlement	2 wks
7	Demolition Contractor Mobilizes on Sit	5 days
8	**KCP&L Overhead during Dismantlement**	**235 days**
9	KCP&L Project Manager	235 days
10	KCP&L Administrative Support	235 days
11	KCP&L Engineer	235 days
12	Owners Engineer Project Manager	235 days
13	Owners Engineer - Engineer	235 days
14	**Demolition Contractor Overhead during Dismantlement**	**235 days**
15	Demolition Contractor Project Manager	235 days
16	Demolition Contractor Safety Manager	235 days



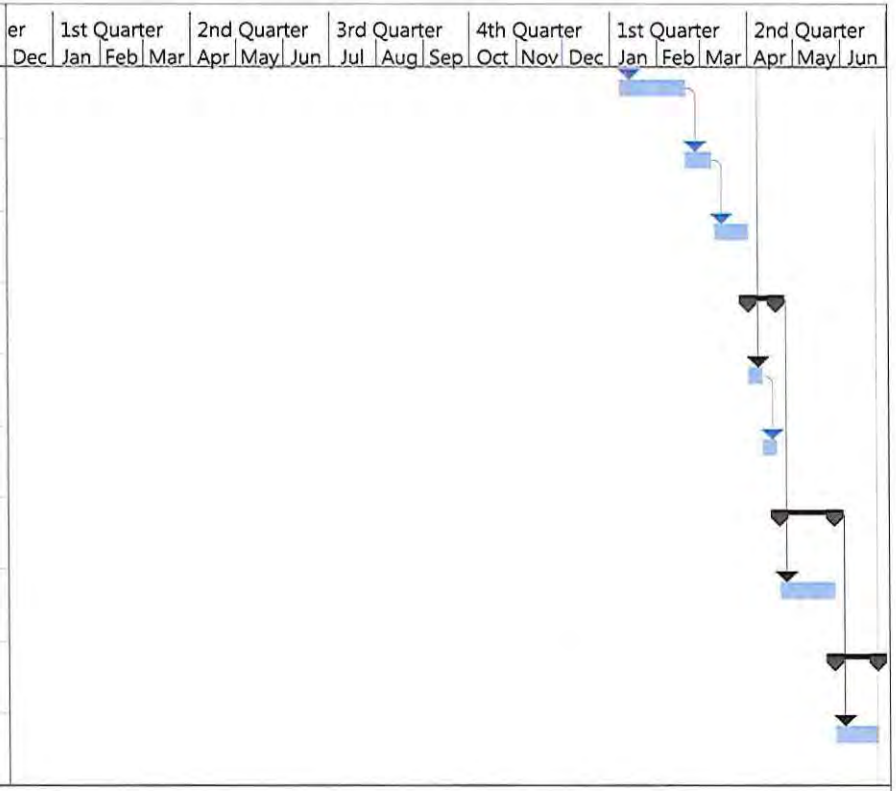
ID	Task Name	Duration
17	Demolition Contractor Superintendent	235 days
18	**Demolition Contractor Equipment Rental Cost**	**235 days**
19	Equipment Rental	235 days
20	**Demolition Contractor Consumables**	**235 days**
21	Consumables	235 days
22	**Scrap Crews**	**235 days**
23	Crew to Handle Scrap Material(s)	235 days
24	**Dismantlement**	**235 days**
25	**Electrical**	**90 days**
26	Electrical Demolition of Equipment	90 days
27	**Fuel Gas System**	**14 days**
28	Remove all above grade fuel gas piping.	8 days
29	Gas Filter Skid	6 days
30	**Lube Oil System**	**20 days**
31	Lube Oil Piping	5 days
32	Lube Oil Pumps	5 days
33	Lube Oil Tanks	10 days



ID	Task Name	Duration
34	**Fire Protection**	**22 days**
35	Fire Protection Piping	10 days
36	Firewater Tank	8 days
37	CO2 Storage Tank	4 days
38	**Wash Water Skid**	**8 days**
39	Detergent Tank	4 days
40	Demineralized Water Tank	4 days
41	**Miscellaneous Piping**	**28 days**
42	Exhaust Frame Cooling Piping	8 days
43	CT Air Processing Piping	10 days
44	Inlet Air Heating Piping	10 days
45	**Generator**	**8 days**
46	Generator	8 days
47	**Combustion Turbine**	**95 days**
48	Inlet Heater	8 days
49	Inlet duct	12 days
50	Exhaust duct	15 days



ID	Task Name	Duration
51	Combustion Turbine	31 days
52	Combustion Turbine Foundation	13 days
53	Enclosure	16 days
54	**CEMS**	**14 days**
55	CEMS Building	7 days
56	CEMS Building Foundation	7 days
57	**Stack**	**26 days**
58	Stack	26 days
59	**Post Dismantlement Activities**	**20 days**
60	Post Dismantlement Activities	20 days



WEST GARDNER GENERATING STATION

WEST GARDNER GENERATING STATION

The West Gardner Generating Station consists of four natural gas-fired combustion turbine generator sets.

These combustion turbines have a combined SPP-accredited unit rating of 310 MW. West Gardner was placed in service in 2003. Each unit is comprised of a General Electric Model 7EA CT, with a generator step-up transformer and auxiliary power transformer. Each combustion turbine employs dry low NO_x burner technology and burns only natural gas fuel.

The following are the major systems and equipment that were included in the retirement and dismantlement of each unit and the major systems and equipment that were considered common (additional details are listed in the attached retirement and dismantlement schedules included in this Appendix).

WEST GARDNER UNITS 1 THROUGH 4

1. Combustion turbine generator sets and auxiliaries.
2. Generator step-up and auxiliary transformers.
3. Freestanding outdoor switchgear.
4. Exhaust stacks.

COMMON

1. Service building.
2. Natural gas filtering skid.
3. Service/Instrument air compressors.

West Gardner Retirement

Owner Costs			
Pre-Retirement Activities		$46,506	
Retirement Activities		$232,587	
Post-Retirement Activities		$47,901	
Owner Direct Total			$326,993
Owner Internal Costs:	5.00%		$16,350
Owner Contingency:	25.00%		$85,836

West Gardner Retirement Opinion of Probable Cost: $429,179

West Gardner Retirement

ID	Task Name	Cost
0	**West Gardner Retirement**	**$326,993.36**
1	**West Gardner Retirement**	**$326,993.36**
2	**Pre-Retirement Activities**	**$46,505.60**
3	Permitting Review	$24,896.00
4	Develop Detailed Retirement Plan	$21,609.60
5	**Retirement Activities**	**$232,586.96**
6	**Project Management During Retirement**	**$107,210.88**
7	Project Management During Retirement	$107,210.88
8	**Electrical**	**$59,848.32**
9	**Medium and Low Voltage Drawout Switchgear**	**$17,660.16**
10	De-energize all buses at the source.	$3,924.48
11	Open all circuit breakers.	$3,924.48
12	Rack all circuit breakers into the fully withdrawn, disconnected position.	$3,924.48
13	Verify that the closing/tripping springs are discharged.	$3,924.48
14	De-energize control power and auxiliary power circuits of each circuit breaker at the source and by opening control power circuit breakers or removing fuses in each breaker cubicle.	$1,962.24
15	**Motor Control Centers**	**$7,848.96**
16	De-energize all buses at the source.	$1,962.24
17	Open all circuit breakers and disconnect switches.	$2,943.36
18	Remove all fuses in control circuits.	$2,943.36
19	**Low-voltage Switchboards and Panelboards**	**$7,848.96**
20	De-energize all buses at the source.	$3,924.48
21	Open all circuit breakers and disconnect switches.	$3,924.48
22	**Oil-Filled Power Transformers**	**$11,773.44**
23	De-energize all buses at the source.	$2,943.36
24	Open all circuit breakers and disconnect switches.	$2,943.36
25	De-energize all buses at the source.	$2,943.36
26	Open all circuit breakers and disconnect switches.	$2,943.36
27	**Dry-type Power Transformers**	**$4,905.60**
28	De-energize all transformer primaries and verify that the secondary is de-energized.	$2,943.36

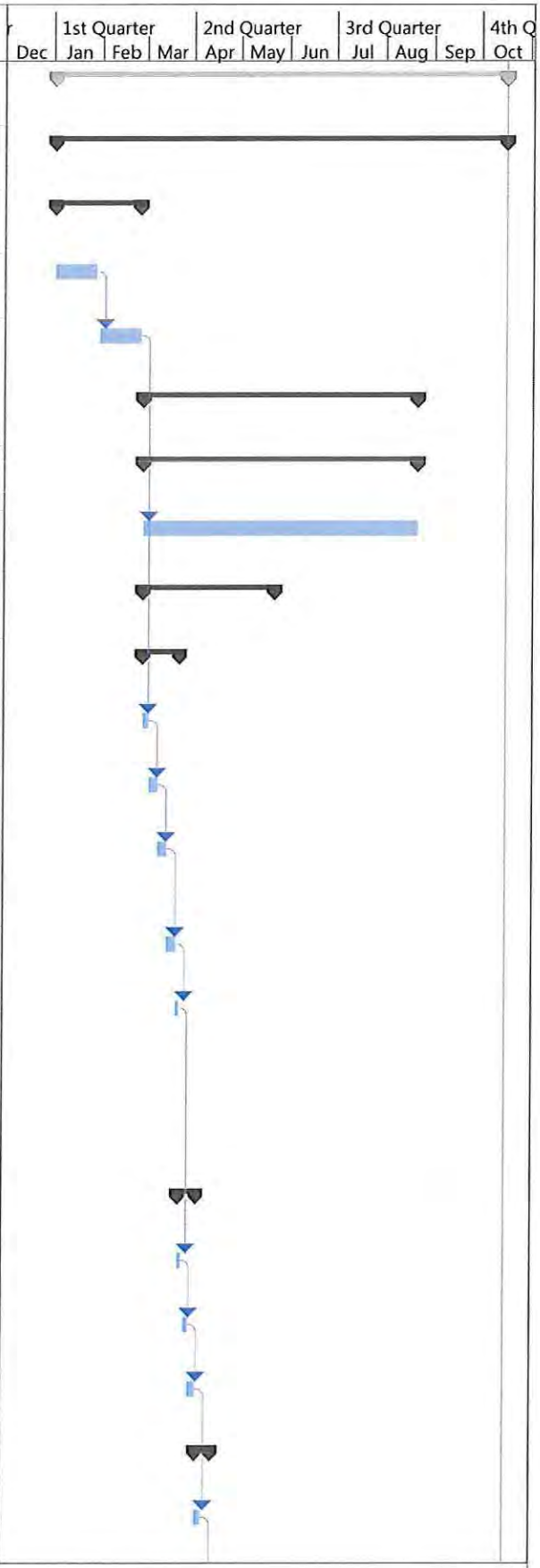
West Gardner Retirement

ID	Task Name	Cost
29	De-energize all low-voltage AC or DC power sources for space heaters, cooling equipment, controls, etc. at the source and open circuit breakers or remove fuses at transformer end.	$1,962.24
30	**Motors**	**$9,811.20**
31	De-energize all primary power at the source.	$2,943.36
32	De-energize all low-voltage power sources for space heaters or other auxiliary equipment at the source.	$2,943.36
33	Drain lube oil system (if applicable) and dispose of oil.	$3,924.48
34	**Fuel Gas System**	**$11,786.24**
35	Isolate Fuel Gas System	$4,264.32
36	Vent Fuel Gas Piping and Equipment	$2,751.84
37	Open and Vent Knock-Out Drum	$943.52
38	Drain, Open and Vent the Drain Tank	$943.52
39	Empty the Coalescing Filter	$1,939.52
40	Open and Vent Equipment on the CT Gas Valve Module	$943.52
41	**Lube Oil Cooling Water System**	**$8,491.68**
42	Open and Drain the Water Side of the Lube Oil Coolers	$5,661.12
43	Open and Vent the Coolers and Expansion Tank	$2,830.56
44	**Oily Drain Tank**	**$4,266.96**
45	Open and Pump Out the Oily Drain Tank	$4,266.96
46	**Wash Water Skid**	**$5,661.12**
47	Open and Drain the Detergent Tank	$1,887.04
48	Open and Drain the Demineralized Water Tank	$1,887.04
49	Empty the Demineralized Water Tank	$1,887.04
50	**Compressed Air**	**$3,774.08**
51	Empty Dessiccant Air Dryers and Vent	$1,887.04
52	Open and Vent the Air Reciever	$1,887.04
53	**Miscelleaneous Piping**	**$8,491.68**
54	Open and Vent the Exhaust Frame Cooling Piping	$2,830.56
55	Open and Vent the CT Air Processing Piping	$0.00
56	Open and Vent the Inlet Air Heating Piping	$2,830.56

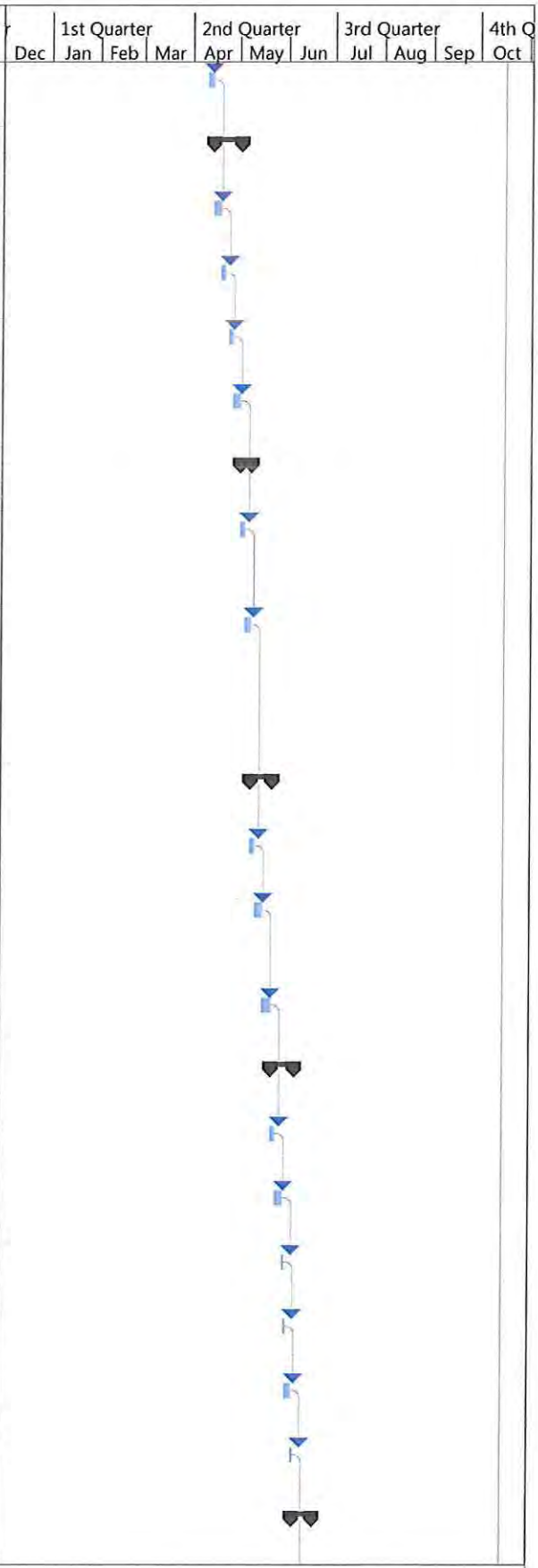
West Gardner Retirement

ID	Task Name	Cost
57	Open and Vent the CT Air Processing Piping	$2,830.56
58	**Fire Protection Piping**	**$7,495.68**
59	Empty the CO2 Storage Tank	$5,608.64
60	Open and Vent the Fire Protection Piping	$1,887.04
61	**Lube Oil System**	**$12,671.92**
62	Empty and Remove from Site the Lubricating Oil	$7,010.80
63	Drain Lubricating Oil Piping	$3,774.08
64	Open and Vent Lubricating Oil Piping	$1,887.04
65	**Potable Water**	**$2,888.40**
66	Disconnect Potable Water at Property Boundary	$2,888.40
67	**Post Retirement Closure Activity**	**$47,900.80**
68	Post Retirement Closure Activity	$47,900.80

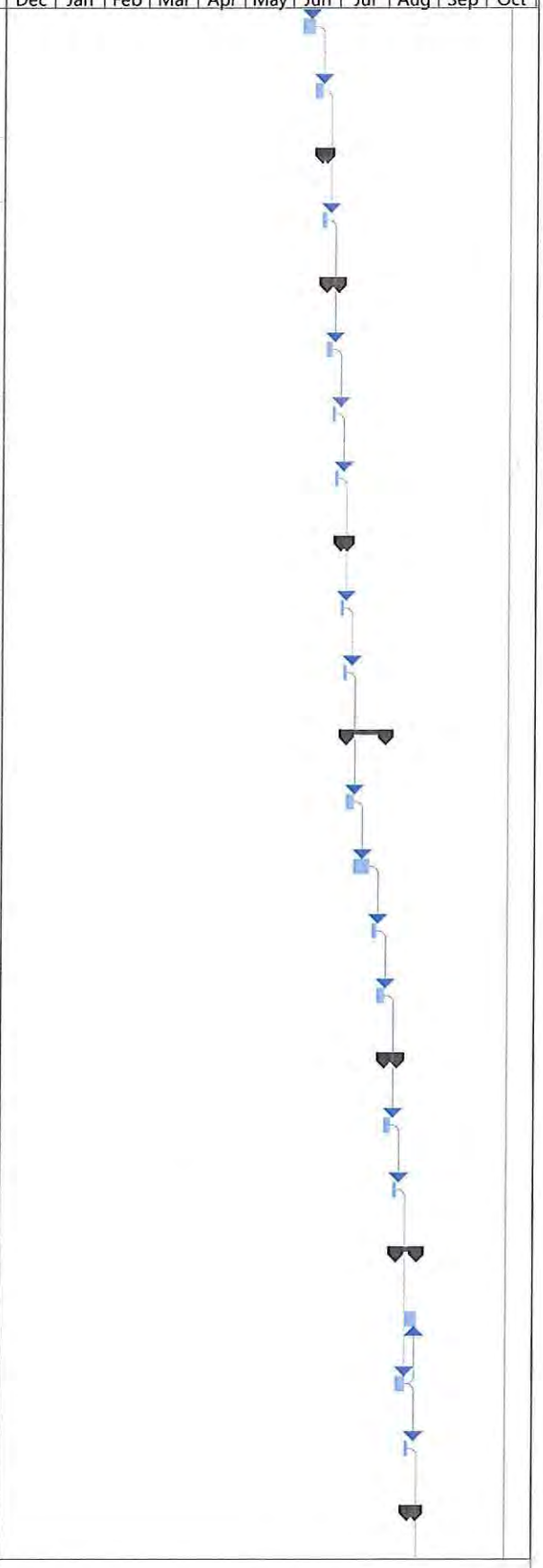
ID	Task Name	Duration
0	**West Gardner Retirement**	**206 days**
1	**West Gardner Retirement**	**206 days**
2	**Pre-Retirement Activities**	**40 days**
3	Permitting Review	20 days
4	Develop Detailed Retirement Plan	20 days
5	**Retirement Activities**	**126 days**
6	**Project Management During Retirement**	**126 days**
7	Project Management During Retirement	126 days
8	**Electrical**	**61 days**
9	**Medium and Low Voltage Drawout Switchgear**	**18 days**
10	De-energize all buses at the source.	4 days
11	Open all circuit breakers.	4 days
12	Rack all circuit breakers into the fully withdrawn, disconnected position.	4 days
13	Verify that the closing/tripping springs are discharged.	4 days
14	De-energize control power and auxiliary power circuits of each circuit breaker at the source and by opening control power circuit breakers or removing fuses in each breaker cubicle.	2 days
15	**Motor Control Centers**	**8 days**
16	De-energize all buses at the source.	2 days
17	Open all circuit breakers and disconnect switches.	3 days
18	Remove all fuses in control circuits.	3 days
19	**Low-voltage Switchboards and Panelboards**	**8 days**
20	De-energize all buses at the source.	4 days



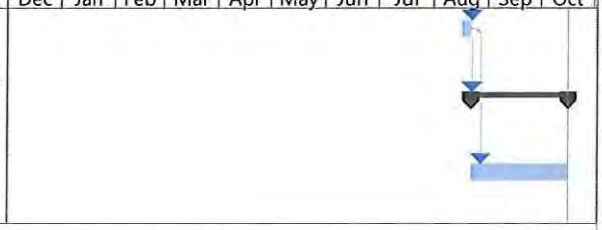
ID	Task Name	Duration
21	Open all circuit breakers and disconnect switches.	4 days
22	**Oil-Filled Power Transformers**	**12 days**
23	De-energize all buses at the source.	3 days
24	Open all circuit breakers and disconnect switches.	3 days
25	De-energize all buses at the source.	3 days
26	Open all circuit breakers and disconnect switches.	3 days
27	**Dry-type Power Transformers**	**5 days**
28	De-energize all transformer primaries and verify that the secondary is de-energized.	3 days
29	De-energize all low-voltage AC or DC power sources for space heaters, cooling equipment, controls, etc. at the source and open circuit breakers or remove fuses at transformer end.	2 days
30	**Motors**	**10 days**
31	De-energize all primary power at the source.	3 days
32	De-energize all low-voltage power sources for space heaters or other auxiliary equipment at the source.	3 days
33	Drain lube oil system (if applicable) and dispose of oil.	4 days
34	**Fuel Gas System**	**11 days**
35	Isolate Fuel Gas System	3 days
36	Vent Fuel Gas Piping and Equipment	3 days
37	Open and Vent Knock-Out Drum	1 day
38	Drain, Open and Vent the Drain Tank	1 day
39	Empty the Coalescing Filter	2 days
40	Open and Vent Equipment on the CT Gas Valve Module	1 day
41	**Lube Oil Cooling Water System**	**9 days**



ID	Task Name	Duration
42	Open and Drain the Water Side of the Lube Oil Coolers	6 days
43	Open and Vent the Coolers and Expansion Tank	3 days
44	**Oily Drain Tank**	**3 days**
45	Open and Pump Out the Oily Drain Tank	3 days
46	**Wash Water Skid**	**6 days**
47	Open and Drain the Detergent Tank	2 days
48	Open and Drain the Demineralized Water Tank	2 days
49	Empty the Demineralized Water Tank	2 days
50	**Compressed Air**	**4 days**
51	Empty Dessiccant Air Dryers and Vent	2 days
52	Open and Vent the Air Reciever	2 days
53	**Miscelleaneous Piping**	**17 days**
54	Open and Vent the Exhaust Frame Cooling Piping	3 days
55	Open and Vent the CT Air Processing Piping	8 days
56	Open and Vent the Inlet Air Heating Piping	3 days
57	Open and Vent the CT Air Processing Piping	3 days
58	**Fire Protection Piping**	**6 days**
59	Empty the CO2 Storage Tank	4 days
60	Open and Vent the Fire Protection Piping	2 days
61	**Lube Oil System**	**9 days**
62	Empty and Remove from Site the Lubricating Oil	5 days
63	Drain Lubricating Oil Piping	4 days
64	Open and Vent Lubricating Oil Piping	2 days
65	**Potable Water**	**3 days**



ID	Task Name	Duration
66	Disconnect Potable Water at Property Boundary	3 days
67	**Post Retirement Closure Activity**	**40 days**
68	Post Retirement Closure Activity	40 days



West Gardner Dismantlement

Owner Costs			
Pre-Dismantlement Activities		$1,104,559	
Overhead During Dismantlement		$1,953,579	
Post-Dismantlement Activities		$52,133	
Owner Costs Total			$3,110,271
Demolition General Contractor (DGC) Costs			
Site Management		$944,359	
Equipment Rental		$1,591,597	
Consumables		$1,587,876	
Scrap Crew(s)		$411,525	
Dismantlement		$1,012,014	
DGC Insurance	2.00%	$110,947	
Contingency/Profit	15.00%	$848,748	
Performance Bond	2.00%	$130,141	
Contractor Costs Total:			$6,637,207
Total:			$9,747,478
Owner Internal Costs:	5.00%		$487,374
Owner Contingency:	25.00%		$2,558,713
West Gardner Dismantlement Opinion of Probable Cost:			$12,793,564

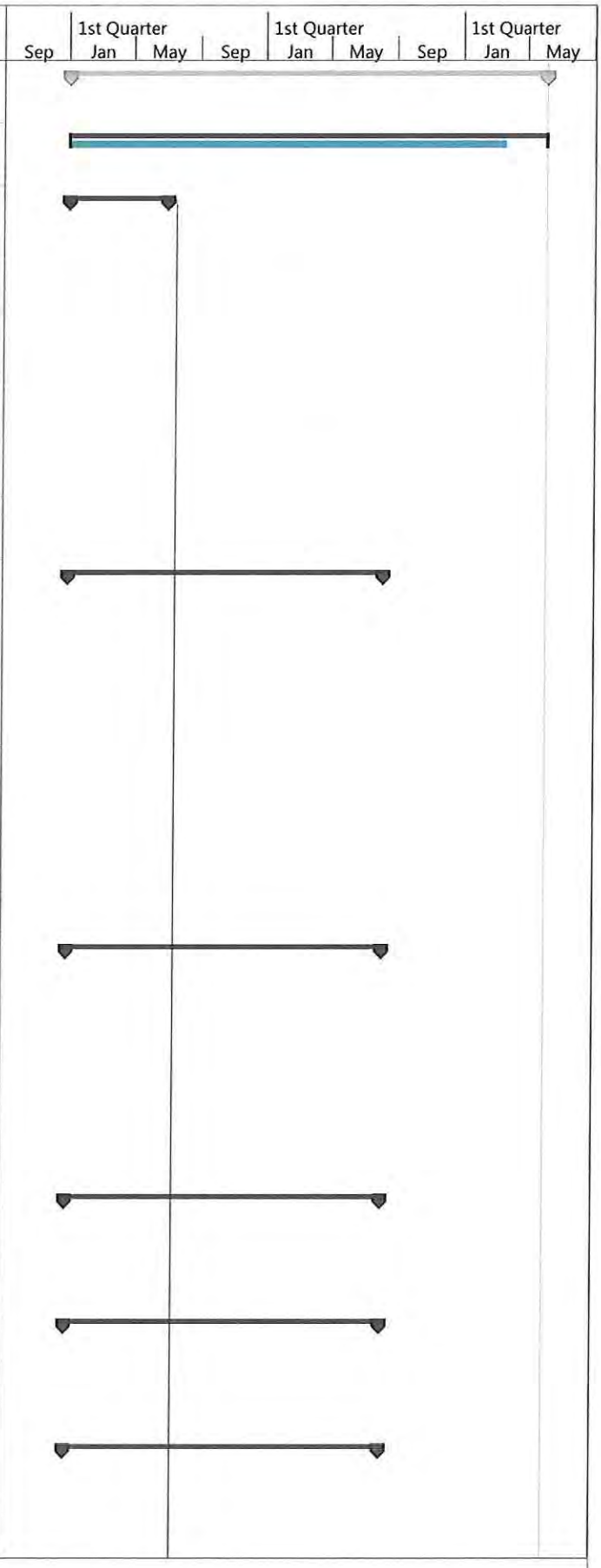
West Gardner CT Dismantlement

ID	Task Name	Cost
0	**West Gardner CT Dismantlement**	**$8,657,641.22**
1	**West Gardner CT Dismantlement**	**$8,657,641.22**
2	**Pre-Demolition Activities**	**$1,104,558.96**
3	Detailed Planning & Hire Owner's Engineer	$110,802.72
4	Detailed Site Characterization Study	$783,536.00
5	Hire Demolition general Contractor	$198,647.04
6	KCP&L Prepares Unit for Dismantlement	$11,573.20
7	Demolition Contractor Mobilizes on Sit	$0.00
8	**KCP&L Overhead during Dismantlement**	**$1,953,579.12**
9	KCP&L Project Manager	$275,400.32
10	KCP&L Administrative Support	$101,867.28
11	KCP&L Engineer	$452,721.12
12	Owners Engineer Project Manager	$138,102.40
13	Owners Engineer - Engineer	$985,488.00
14	**Demolition Contractor Overhead during Dismantleme**	**$944,358.96**
15	Demolition Contractor Project Manager	$267,187.92
16	Demolition Contractor Safety Manager	$237,924.96
17	Demolition Contractor Superintendent	$439,246.08
18	**Demolition Contractor Equipment Rental Cost**	**$1,591,596.64**
19	Equipment Rental	$1,591,596.64
20	**Demolition Contractor Consumables**	**$1,587,875.92**
21	Consumables	$1,587,875.92
22	**Scrap Crews**	**$411,525.04**
23	Crew to Handle Scrap Material(s)	$411,525.04
24	**Dismantlement**	**$1,012,013.78**
25	**Electrical**	**$252,850.40**
26	Electrical Demolition of Equipment	$252,850.40
27	**Fuel Gas System**	**$21,814.00**
28	Remove all above grade fuel gas piping.	$7,010.16
29	Gas Filter Skid	$14,803.84
30	**Lube Oil System**	**$55,514.40**
31	Lube Oil Piping	$14,803.84
32	Lube Oil Pumps	$18,504.80
33	Lube Oil Tanks	$22,205.76
34	**Compressed Air System**	**$22,205.76**
35	Compressed Air Piping	$11,102.88
36	Compressors	$5,551.44
37	Air Receiver	$3,700.96
38	Dryer	$1,850.48
39	**Fire Protection**	**$42,561.04**
40	Fire Protection Piping	$20,355.28
41	Firewater Tank	$14,803.84
42	CO2 Storage Tank	$7,401.92
43	**Wash Water Skid**	**$25,906.72**

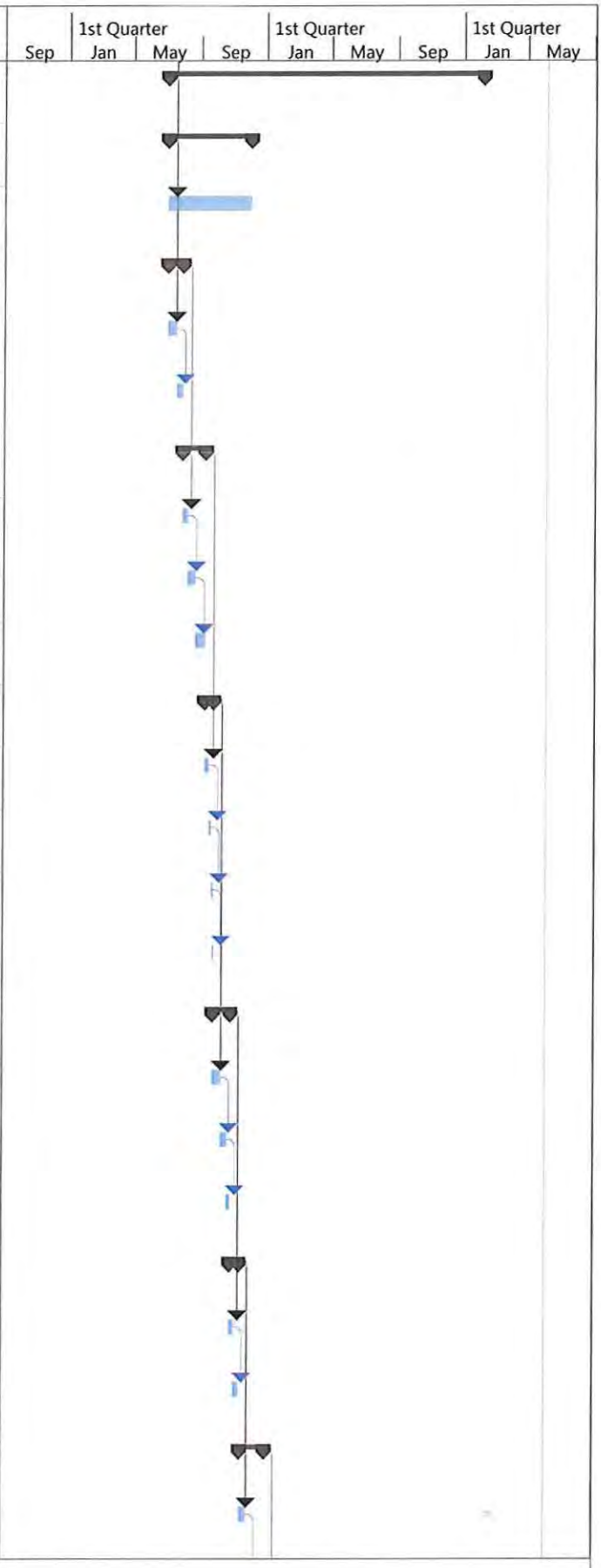
West Gardner CT Dismantlement

ID	Task Name	Cost
44	Detergent Tank	$11,102.88
45	Demineralized Water Tank	$14,803.84
46	**Miscellaneous Piping**	**$64,766.80**
47	Exhaust Frame Cooling Piping	$18,504.80
48	CT Air Processing Piping	$22,205.76
49	Inlet Air Heating Piping	$24,056.24
50	**Generator**	**$0.00**
51	Generator	$0.00
52	**Combustion Turbine**	**$272,020.56**
53	Inlet Heater	$18,504.80
54	Inlet duct	$27,757.20
55	Exhaust duct	$37,009.60
56	Combustion Turbine	$64,766.80
57	Combustion Turbine Foundation	$68,467.76
58	Enclosure	$55,514.40
59	**CEMS**	**$44,411.52**
60	CEMS Building	$22,205.76
61	CEMS Building Foundation	$22,205.76
62	**Stack**	**$83,271.60**
63	Stack	$83,271.60
64	**Site Prep**	**$126,690.98**
65	Final Grading and Drainage	$126,690.98
66	**Post Dismantlement Activities**	**$52,132.80**
67	Post Dismantlement Activities	$52,132.80

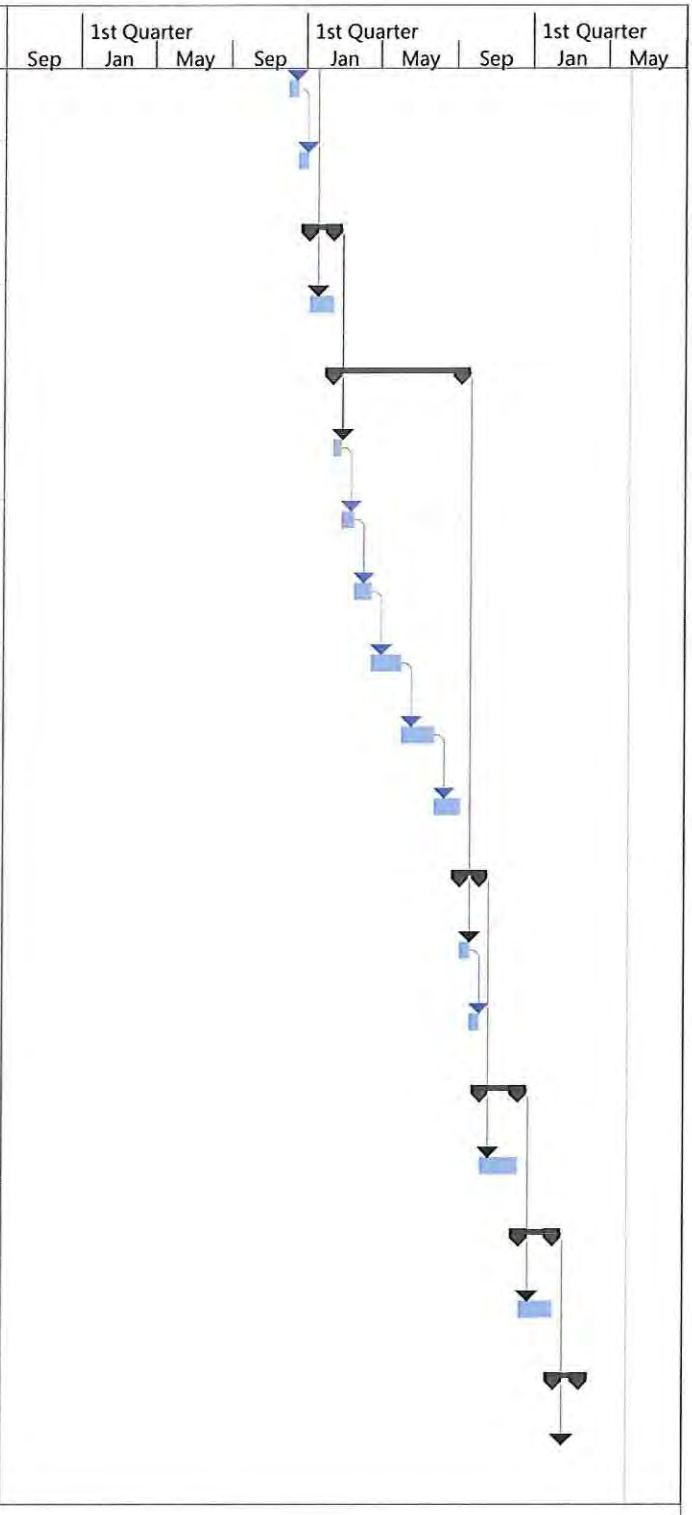
ID	Task Name	Duration
0	**West Gardner CT Dismantlement**	**633 days**
1	**West Gardner CT Dismantlement**	**633 days**
2	**Pre-Demolition Activities**	**130 days**
3	Detailed Planning & Hire Owner's Engineer	3 mons
4	Detailed Site Characterization Study	130 days
5	Hire Demolition general Contractor	3 mons
6	KCP&L Prepares Unit for Dismantlement	2 wks
7	Demolition Contractor Mobilizes on Sit	5 days
8	**KCP&L Overhead during Dismantlement**	**419 days**
9	KCP&L Project Manager	419 days
10	KCP&L Administrative Support	419 days
11	KCP&L Engineer	419 days
12	Owners Engineer Project Manager	419 days
13	Owners Engineer - Engineer	419 days
14	**Demolition Contractor Overhead during Dismantlement**	**419 days**
15	Demolition Contractor Project Manager	419 days
16	Demolition Contractor Safety Manager	419 days
17	Demolition Contractor Superintendent	419 days
18	**Demolition Contractor Equipment Rental Cost**	**419 days**
19	Equipment Rental	419 days
20	**Demolition Contractor Consumables**	**419 days**
21	Consumables	419 days
22	**Scrap Crews**	**419 days**
23	Crew to Handle Scrap Material(s)	419 days



ID	Task Name	Duration
24	**Dismantlement**	**419 days**
25	**Electrical**	**110 days**
26	Electrical Demolition of Equipment	110 days
27	**Fuel Gas System**	**20 days**
28	Remove all above grade fuel gas piping.	12 days
29	Gas Filter Skid	8 days
30	**Lube Oil System**	**30 days**
31	Lube Oil Piping	8 days
32	Lube Oil Pumps	10 days
33	Lube Oil Tanks	12 days
34	**Compressed Air System**	**12 days**
35	Compressed Air Piping	6 days
36	Compressors	3 days
37	Air Receiver	2 days
38	Dryer	1 day
39	**Fire Protection**	**23 days**
40	Fire Protection Piping	11 days
41	Firewater Tank	8 days
42	CO2 Storage Tank	4 days
43	**Wash Water Skid**	**14 days**
44	Detergent Tank	6 days
45	Demineralized Water Tank	8 days
46	**Miscellaneous Piping**	**35 days**
47	Exhaust Frame Cooling Piping	10 days



ID	Task Name	Duration
48	CT Air Processing Piping	12 days
49	Inlet Air Heating Piping	13 days
50	**Generator**	**29 days**
51	Generator	29 days
52	**Combustion Turbine**	**147 days**
53	Inlet Heater	10 days
54	Inlet duct	15 days
55	Exhaust duct	20 days
56	Combustion Turbine	35 days
57	Combustion Turbine Foundation	37 days
58	Enclosure	30 days
59	**CEMS**	**24 days**
60	CEMS Building	12 days
61	CEMS Building Foundation	12 days
62	**Stack**	**45 days**
63	Stack	45 days
64	**Site Prep**	**40 days**
65	Final Grading and Drainage	40 days
66	**Post Dismantlement Activities**	**30 days**
67	Post Dismantlement Activities	30 days



OSAWATOMIE GENERATING STATION

OSAWATOMIE GENERATING STATION

The Osawatomie Generating Station is a single natural gas-fired combustion turbine generator set.

This combustion turbine has an SPP-accredited unit rating of 75 MW and was placed in service in 2003. This unit is comprised of a General Electric Model 7EA CT, with a generator step-up transformer and auxiliary power transformer. The combustion turbine employs dry low NO_X burner technology and burns only natural gas fuel.

The following are the major systems and equipment that were included in the retirement and dismantlement of the unit and the major systems and equipment that were considered common (additional details are listed in the attached retirement and dismantlement schedules included in this Appendix).

OSAWATOMIE

1. Combustion turbine generator set with auxiliaries.
2. Generator step-up and auxiliary transformers.
3. Freestanding outdoor switchgear.
4. Exhaust stack.
5. Natural gas filtering skid.
6. Service/Instrument air compressors.

Osawatomie Retirement

Owner Costs			
Pre-Retirement Activities		$46,506	
Retirement Activities		$129,218	
Post-Retirement Activities		$47,901	
Owner Direct Total:			$223,624
Owner Internal Costs:	5.00%		$11,181
Owner Contingency:	25.00%		$58,701

Osawatomie Retirement Opinion of Probable Cost: $293,506

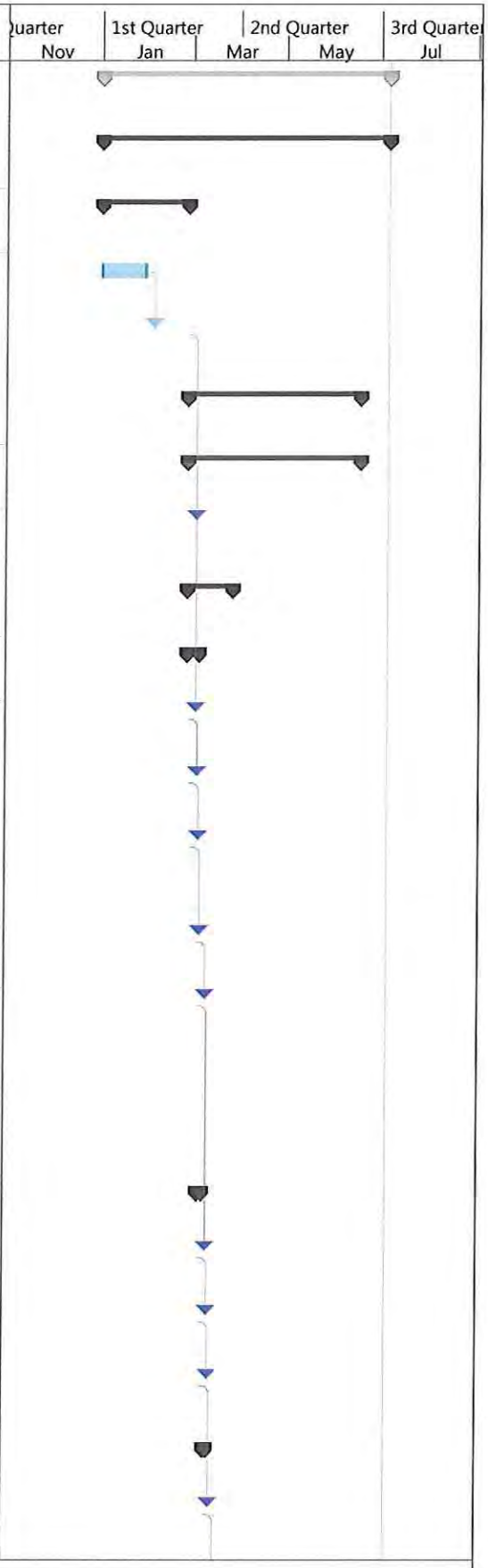
Osawatomie Retirement

ID	Task Name	Cost
0	**Osawatomie Retirement**	**$223,623.92**
1	**Osawatomie Retirement**	**$223,623.92**
2	**Pre-Retirement Activities**	**$46,505.60**
3	Permitting Review	$24,896.00
4	Develop Detailed Retirement Plan	$21,609.60
5	**Retirement Activities**	**$129,217.52**
6	**Project Management During Retirement**	**$68,070.40**
7	Project Management During Retirement	$68,070.40
8	**Electrical**	**$21,584.64**
9	**Medium and Low Voltage Drawout Switchgear**	**$5,886.72**
10	De-energize all buses at the source.	$981.12
11	Open all circuit breakers.	$981.12
12	Rack all circuit breakers into the fully withdrawn, disconnected position.	$981.12
13	Verify that the closing/tripping springs are discharged.	$1,962.24
14	De-energize control power and auxiliary power circuits of each circuit breaker at the source and by opening control power circuit breakers or removing fuses in each breaker cubicle.	$981.12
15	**Motor Control Centers**	**$2,943.36**
16	De-energize all buses at the source.	$981.12
17	Open all circuit breakers and disconnect switches.	$981.12
18	Remove all fuses in control circuits.	$981.12
19	**Low-voltage Switchboards and Panelboards**	**$1,962.24**
20	De-energize all buses at the source.	$981.12
21	Open all circuit breakers and disconnect switches.	$981.12
22	**Oil-Filled Power Transformers**	**$3,924.48**
23	De-energize all buses at the source.	$981.12
24	Open all circuit breakers and disconnect switches.	$981.12
25	De-energize all buses at the source.	$981.12
26	Open all circuit breakers and disconnect switches.	$981.12
27	**Dry-type Power Transformers**	**$1,962.24**
28	De-energize all transformer primaries and verify that the secondary is de-energized.	$981.12
29	De-energize all low-voltage AC or DC power sources for space heaters, cooling equipment, controls, etc. at the source and open circuit breakers or remove fuses at transformer end.	$981.12
30	**Motors**	**$4,905.60**
31	De-energize all primary power at the source.	$981.12
32	De-energize all low-voltage power sources for space heaters or other auxiliary equipment at the source.	$981.12
33	Drain lube oil system (if applicable) and dispose of oil.	$2,943.36
34	**Fuel Gas System**	**$11,786.24**
35	Isolate Fuel Gas System	$4,264.32
36	Vent Fuel Gas Piping and Equipment	$2,751.84

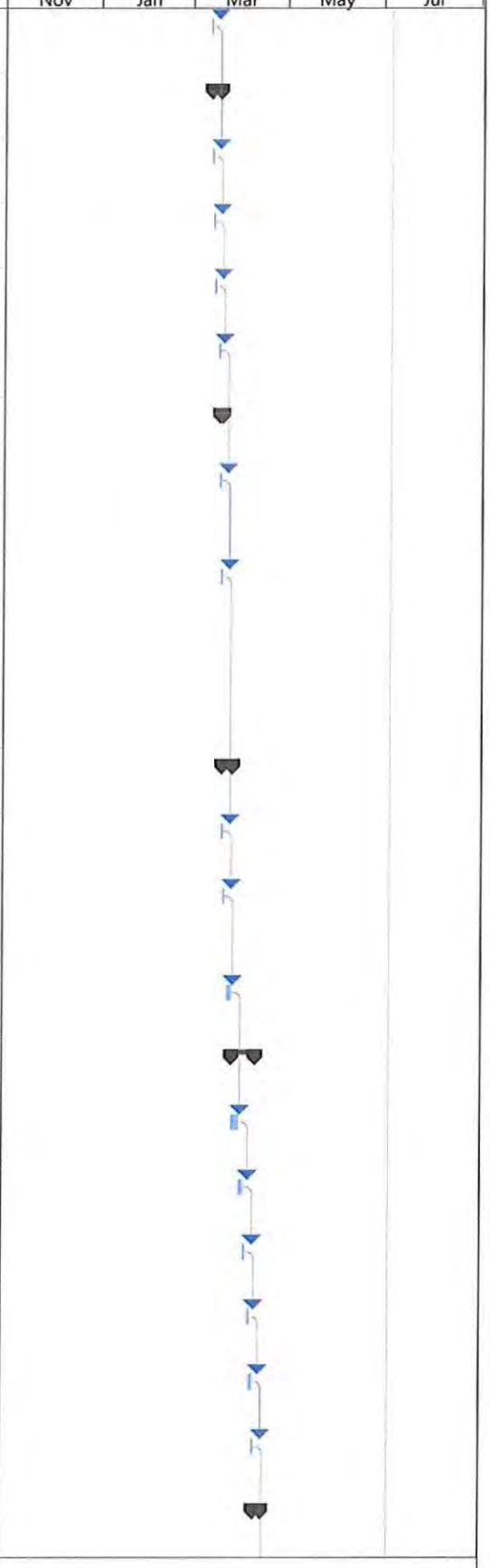
Osawatomie Retirement

ID	Task Name	Cost
37	Open and Vent Knock-Out Drum	$943.52
38	Drain, Open and Vent the Drain Tank	$943.52
39	Empty the Coalescing Filter	$1,939.52
40	Open and Vent Equipment on the CT Gas Valve Module	$943.52
41	**Lube Oil Cooling Water System**	**$2,830.56**
42	Open and Drain the Water Side of the Lube Oil Coolers	$1,887.04
43	Open and Vent the Coolers and Expansion Tank	$943.52
44	**Oily Drain Tank**	**$4,266.96**
45	Open and Pump Out the Oily Drain Tank	$4,266.96
46	**Wash Water Skid**	**$2,830.56**
47	Open and Drain the Detergent Tank	$943.52
48	Open and Drain the Demineralized Water Tank	$943.52
49	Empty the Demineralized Water Tank	$943.52
50	**Compressed Air**	**$1,887.04**
51	Empty Dessiccant Air Dryers and Vent	$943.52
52	Open and Vent the Air Reciever	$943.52
53	**Miscelleaneous Piping**	**$3,774.08**
54	Open and Vent the Exhaust Frame Cooling Piping	$943.52
55	Open and Vent the CT Air Processing Piping	$943.52
56	Open and Vent the Inlet Air Heating Piping	$943.52
57	Open and Vent the CT Air Processing Piping	$943.52
58	**Fire Protection Piping**	**$3,747.84**
59	Empty the CO2 Storage Tank	$2,804.32
60	Open and Vent the Fire Protection Piping	$943.52
61	**Lube Oil System**	**$8,439.20**
62	Empty and Remove from Site the Lubricating Oil	$5,608.64
63	Drain Lubricating Oil Piping	$1,887.04
64	Open and Vent Lubricating Oil Piping	$943.52
65	**Post Retirement Closure Activity**	**$47,900.80**
66	Post Retirement Closure Activity	$47,900.80

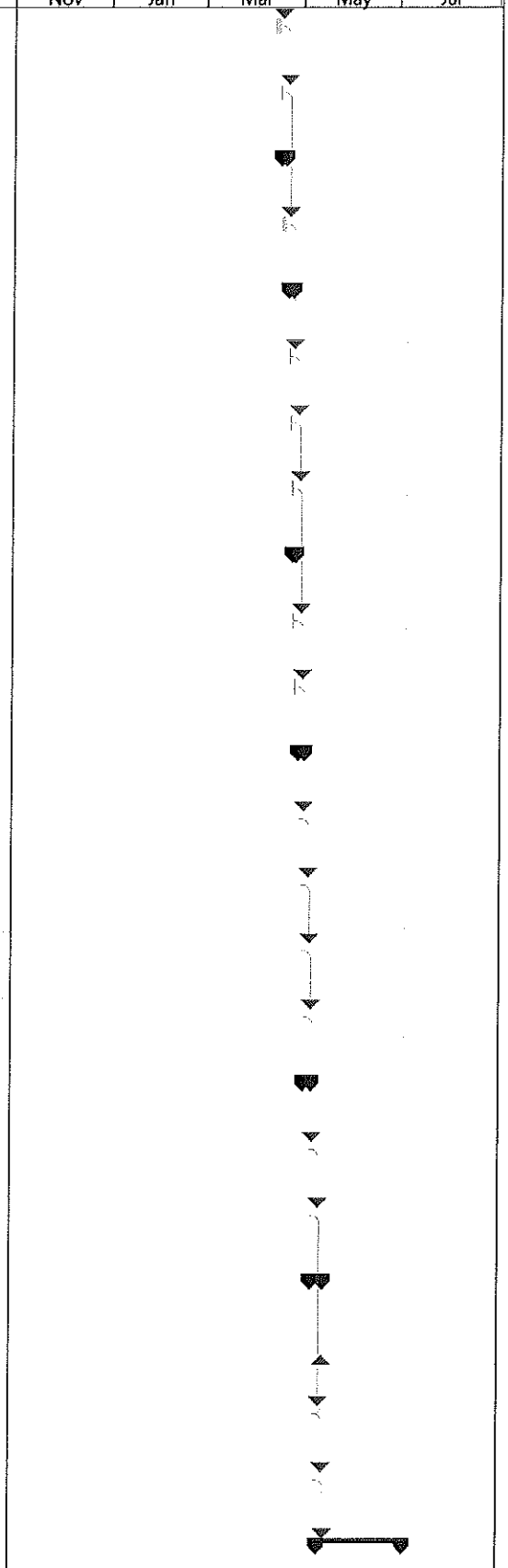
ID	Task Name	Duration
0	**Osawatomie Retirement**	**134 days**
1	**Osawatomie Retirement**	**134 days**
2	**Pre-Retirement Activities**	**40 days**
3	Permitting Review	20 days
4	Develop Detailed Retirement Plan	20 days
5	**Retirement Activities**	**80 days**
6	**Project Management During Retirement**	**80 days**
7	Project Management During Retirement	80 days
8	**Electrical**	**22 days**
9	**Medium and Low Voltage Drawout Switchgear**	**6 days**
10	De-energize all buses at the source.	1 day
11	Open all circuit breakers.	1 day
12	Rack all circuit breakers into the fully withdrawn, disconnected position.	1 day
13	Verify that the closing/tripping springs are discharged.	2 days
14	De-energize control power and auxiliary power circuits of each circuit breaker at the source and by opening control power circuit breakers or removing fuses in each breaker cubicle.	1 day
15	**Motor Control Centers**	**3 days**
16	De-energize all buses at the source.	1 day
17	Open all circuit breakers and disconnect switches.	1 day
18	Remove all fuses in control circuits.	1 day
19	**Low-voltage Switchboards and Panelboards**	**2 days**
20	De-energize all buses at the source.	1 day



ID	Task Name	Duration
21	Open all circuit breakers and disconnect switches.	1 day
22	**Oil-Filled Power Transformers**	**4 days**
23	De-energize all buses at the source.	1 day
24	Open all circuit breakers and disconnect switches.	1 day
25	De-energize all buses at the source.	1 day
26	Open all circuit breakers and disconnect switches.	1 day
27	**Dry-type Power Transformers**	**2 days**
28	De-energize all transformer primaries and verify that the secondary is de-energized.	1 day
29	De-energize all low-voltage AC or DC power sources for space heaters, cooling equipment, controls, etc. at the source and open circuit breakers or remove fuses at transformer end.	1 day
30	**Motors**	**5 days**
31	De-energize all primary power at the source.	1 day
32	De-energize all low-voltage power sources for space heaters or other auxiliary equipment at the source.	1 day
33	Drain lube oil system (if applicable) and dispose of oil.	3 days
34	**Fuel Gas System**	**11 days**
35	Isolate Fuel Gas System	3 days
36	Vent Fuel Gas Piping and Equipment	3 days
37	Open and Vent Knock-Out Drum	1 day
38	Drain, Open and Vent the Drain Tank	1 day
39	Empty the Coalescing Filter	2 days
40	Open and Vent Equipment on the CT Gas Valve Module	1 day
41	**Lube Oil Cooling Water System**	**3 days**



ID	Task Name	Duration
42	Open and Drain the Water Side of the Lube Oil Coolers	2 days
43	Open and Vent the Coolers and Expansion Tank	1 day
44	**Oily Drain Tank**	**3 days**
45	Open and Pump Out the Oily Drain Tank	3 days
46	**Wash Water Skid**	**3 days**
47	Open and Drain the Detergent Tank	1 day
48	Open and Drain the Demineralized Water Tank	1 day
49	Empty the Demineralized Water Tank	1 day
50	**Compressed Air**	**2 days**
51	Empty Dessiccant Air Dryers and Vent	1 day
52	Open and Vent the Air Reciever	1 day
53	**Miscelleaneous Piping**	**4 days**
54	Open and Vent the Exhaust Frame Cooling Piping	1 day
55	Open and Vent the CT Air Processing Piping	1 day
56	Open and Vent the Inlet Air Heating Piping	1 day
57	Open and Vent the CT Air Processing Piping	1 day
58	**Fire Protection Piping**	**3 days**
59	Empty the CO2 Storage Tank	2 days
60	Open and Vent the Fire Protection Piping	1 day
61	**Lube Oil System**	**6 days**
62	Empty and Remove from Site the Lubricating Oil	4 days
63	Drain Lubricating Oil Piping	2 days
64	Open and Vent Lubricating Oil Piping	1 day
65	**Post Retirement Closure Activity**	**40 days**



ID	Task Name	Duration	uarter Nov	1st Quarter Jan	Mar	2nd Quarter May	3rd Quarte Jul
66	Post Retirement Closure Activity	40 days					

Osawatomie Dismantlement

Owner Costs				
Pre-Dismantlement Activities		$1,104,559		
Overhead During Dismantlement		$787,959		
Post-Dismantlement Activities		$34,755		
Owner Costs Total			$1,927,273	
Demolition General Contractor (DGC) Costs				
Site Management		$380,899		
Equipment Rental		$641,957		
Consumables		$640,456		
Scrap Crew(s)		$165,985		
Dismantlement		$468,067		
DGC Insurance	2.00%	$45,947		
Contingency/Profit	15.00%	$351,497		
Performance Bond	2.00%	$53,896		
Contractor Costs Total:			$2,748,703	
Total:				$4,675,977
Owner Internal Costs:	5.00%			$233,799
Owner Contingency:	25.00%			$1,227,444
Osawatomie Dismantlement Opinion of Probable Cost:				$6,137,219

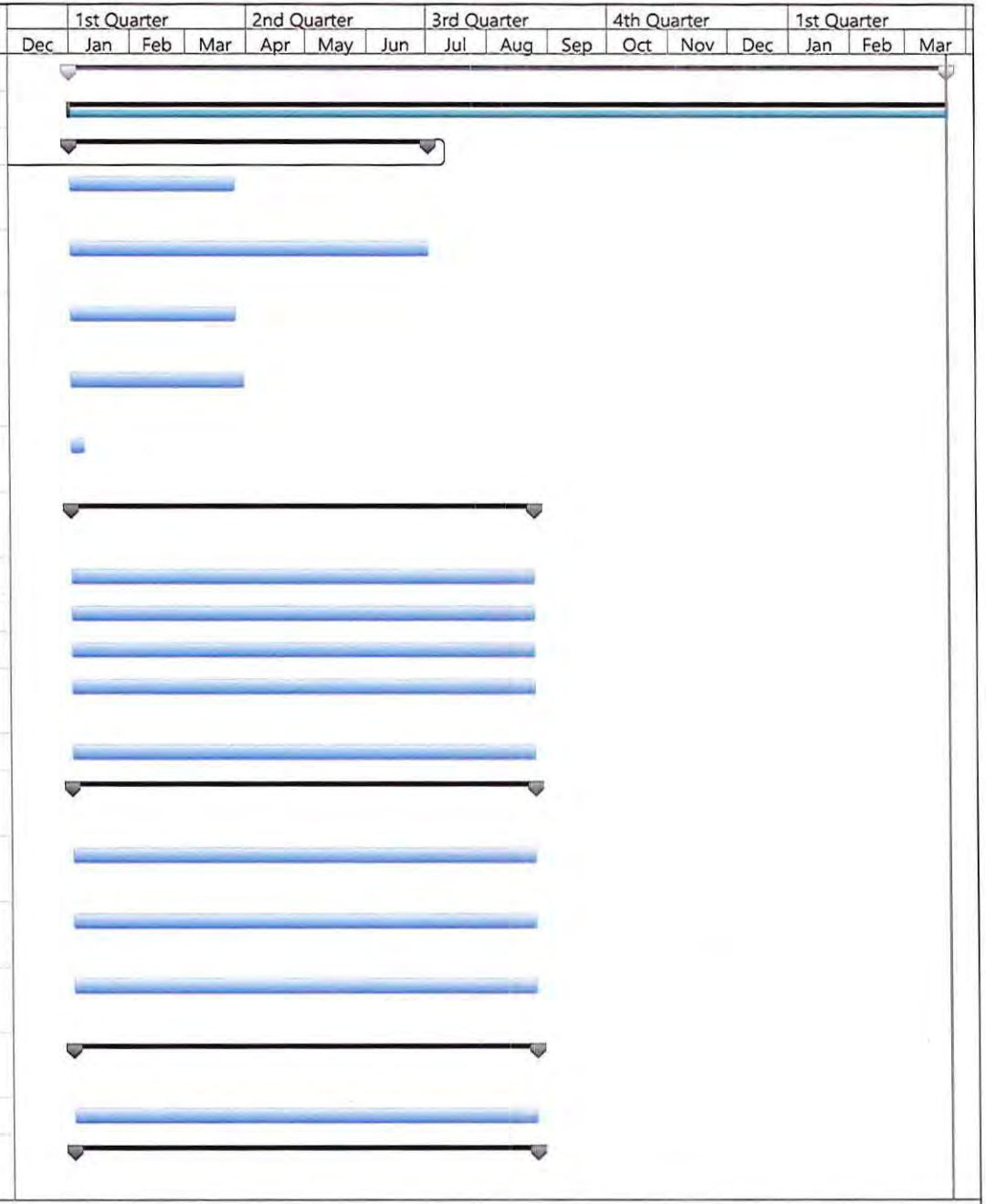
Osawatomie Dismantlement

ID	Task Name	Cost
0	**Osawatomie Dismantlement**	**$4,224,636.58**
1	**Osawatomie Dismantlement**	**$4,224,636.58**
2	**Pre-Demolition Activities**	**$1,104,558.96**
3	Detailed Planning & Hire Owner's Engineer	$110,802.72
4	Detailed Site Characterization Study	$783,536.00
5	Hire Demolition general Contractor	$198,647.04
6	KCP&L Prepares Unit for Dismantlement	$11,573.20
7	Demolition Contractor Mobilizes on Sit	$0.00
8	**KCP&L Overhead during Dismantlement**	**$787,959.12**
9	KCP&L Project Manager	$111,080.32
10	KCP&L Administrative Support	$41,087.28
11	KCP&L Engineer	$182,601.12
12	Owners Engineer Project Manager	$55,702.40
13	Owners Engineer - Engineer	$397,488.00
14	**Demolition Contractor Overhead during Dismantlement**	**$380,898.96**
15	Demolition Contractor Project Manager	$107,767.92
16	Demolition Contractor Safety Manager	$95,964.96
17	Demolition Contractor Superintendent	$177,166.08
18	**Demolition Contractor Equipment Rental Cost**	**$641,956.64**
19	Equipment Rental	$641,956.64
20	**Demolition Contractor Consumables**	**$640,455.92**
21	Consumables	$640,455.92
22	**Scrap Crews**	**$165,985.04**
23	Crew to Handle Scrap Material(s)	$165,985.04
24	**Dismantlement**	**$468,066.74**
25	**Electrical**	**$137,918.40**
26	Electrical Demolition of Equipment	$137,918.40
27	**Fuel Gas System**	**$8,725.60**
28	Remove all above grade fuel gas piping.	$3,174.16
29	Gas Filter Skid	$5,551.44
30	**Lube Oil System**	**$18,504.80**
31	Lube Oil Piping	$5,551.44
32	Lube Oil Pumps	$5,551.44
33	Lube Oil Tanks	$7,401.92
34	**Compressed Air System**	**$24,056.24**
35	Compressed Air Piping	$5,551.44
36	Compressors	$9,252.40
37	Air Receiver	$3,700.96
38	Dryer	$5,551.44
39	**Fire Protection**	**$27,757.20**
40	Fire Protection Piping	$11,102.88
41	Firewater Tank	$9,252.40
42	CO2 Storage Tank	$7,401.92
43	**Wash Water Skid**	**$14,803.84**
44	Detergent Tank	$7,401.92
45	Demineralized Water Tank	$7,401.92
46	**Miscellaneous Piping**	**$25,906.72**
47	Exhaust Frame Cooling Piping	$7,401.92
48	CT Air Processing Piping	$9,252.40

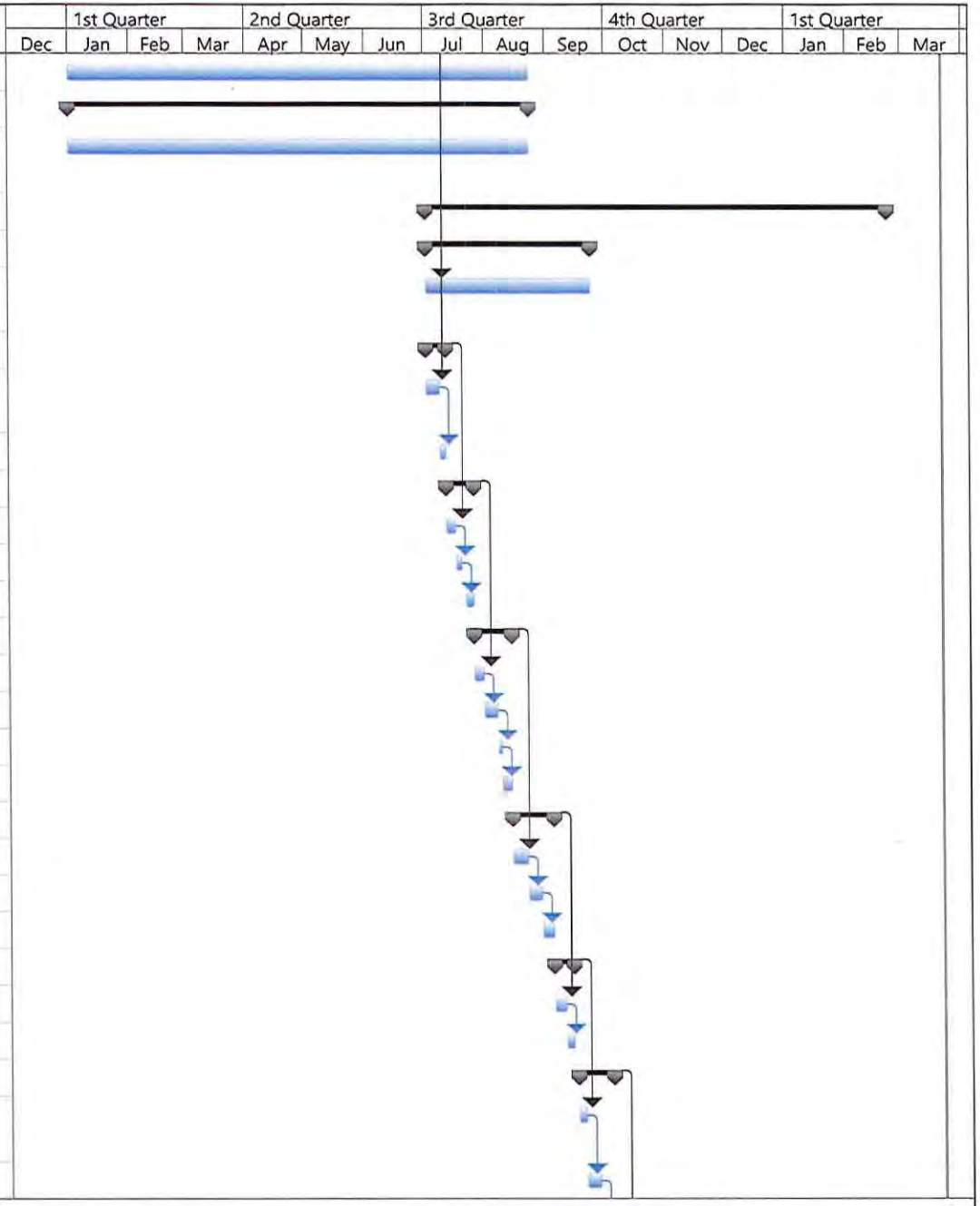
Osawatomie Dismantlement

ID	Task Name	Cost
49	Inlet Air Heating Piping	$9,252.40
50	**Generator**	**$0.00**
51	Generator	$0.00
52	**Combustion Turbine**	**$96,224.96**
53	Inlet Heater	$5,551.44
54	Inlet duct	$11,102.88
55	Exhaust duct	$14,803.84
56	Combustion Turbine	$29,607.68
57	Combustion Turbine Foundation	$16,654.32
58	Enclosure	$18,504.80
59	**CEMS**	**$14,803.84**
60	CEMS Building	$7,401.92
61	CEMS Building Foundation	$7,401.92
62	**Stack**	**$27,757.20**
63	Stack	$27,757.20
64	**Site Prep**	**$71,607.94**
65	Final Grading and Drainage	$71,607.94
66	**Post Dismantlement Activities**	**$34,755.20**
67	Post Dismantlement Activities	$34,755.20

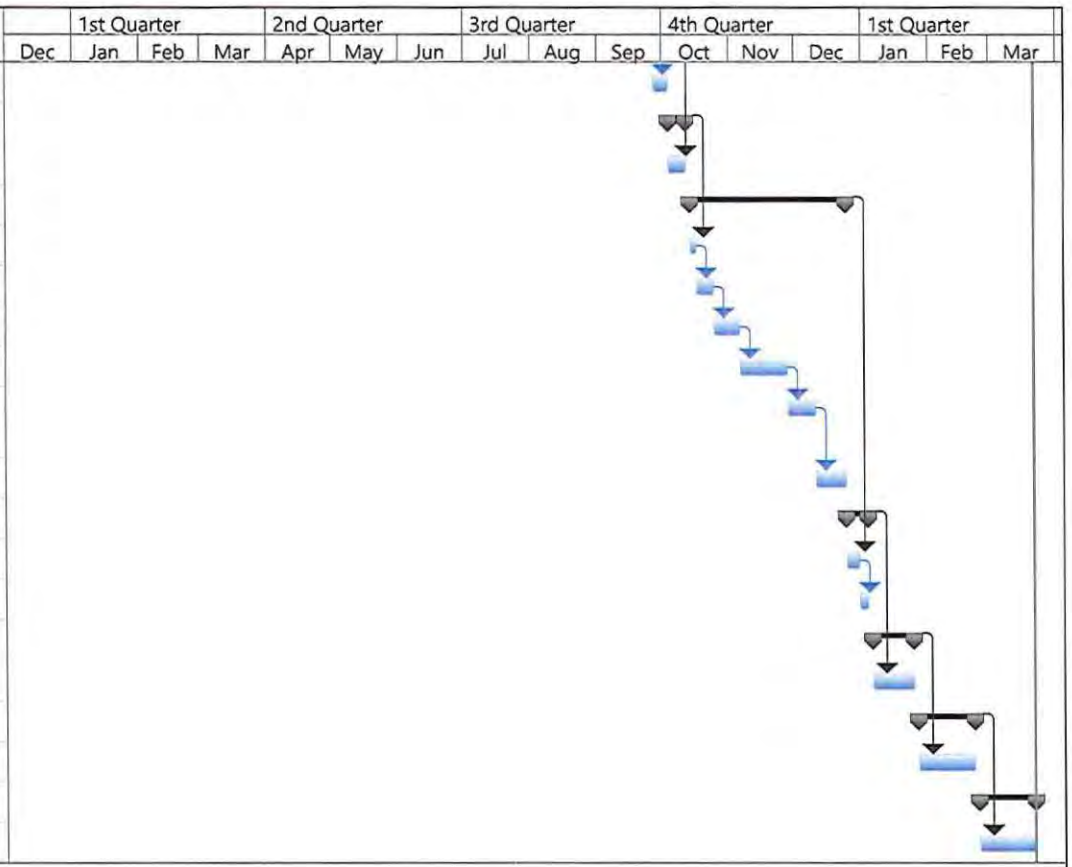
ID	Task Name	Duration
0	**Osawatomie Dismantlement**	**319 days**
1	**Osawatomie Dismantlement**	**319 days**
2	**Pre-Demolition Activities**	**130 days**
3	Detailed Planning & Hire Owner's Engineer	3 mons
4	Detailed Site Characterization Study	130 days
5	Hire Demolition general Contractor	3 mons
6	KCP&L Prepares Unit for Dismantlement	12.8 wks
7	Demolition Contractor Mobilizes on Site	5 days
8	**KCP&L Overhead during Dismantlement**	**169 days**
9	KCP&L Project Manager	169 days
10	KCP&L Administrative Support	169 days
11	KCP&L Engineer	169 days
12	Owners Engineer Project Manager	169 days
13	Owners Engineer - Engineer	169 days
14	**Demolition Contractor Overhead during Dismantlement**	**169 days**
15	Demolition Contractor Project Manager	169 days
16	Demolition Contractor Safety Manager	169 days
17	Demolition Contractor Superintendent	169 days
18	**Demolition Contractor Equipment Rental Cost**	**169 days**
19	Equipment Rental	169 days
20	**Demolition Contractor Consumables**	**169 days**



ID	Task Name	Duration
21	Consumables	169 days
22	**Scrap Crews**	**169 days**
23	Crew to Handle Scrap Material(s)	169 days
24	**Dismantlement**	**169 days**
25	**Electrical**	**60 days**
26	Electrical Demolition of Equipment	60 days
27	**Fuel Gas System**	**8 days**
28	Remove all above grade fuel gas piping.	5 days
29	Gas Filter Skid	3 days
30	**Lube Oil System**	**10 days**
31	Lube Oil Piping	3 days
32	Lube Oil Pumps	3 days
33	Lube Oil Tanks	4 days
34	**Compressed Air System**	**13 days**
35	Compressed Air Piping	3 days
36	Compressors	5 days
37	Air Receiver	2 days
38	Dryer	3 days
39	**Fire Protection**	**15 days**
40	Fire Protection Piping	6 days
41	Firewater Tank	5 days
42	CO2 Storage Tank	4 days
43	**Wash Water Skid**	**8 days**
44	Detergent Tank	4 days
45	Demineralized Water Tank	4 days
46	**Miscellaneous Piping**	**14 days**
47	Exhaust Frame Cooling Piping	4 days
48	CT Air Processing Piping	5 days



ID	Task Name	Duration
49	Inlet Air Heating Piping	5 days
50	**Generator**	**6 days**
51	Generator	6 days
52	**Combustion Turbine**	**52 days**
53	Inlet Heater	3 days
54	Inlet duct	6 days
55	Exhaust duct	8 days
56	Combustion Turbine	16 days
57	Combustion Turbine Foundation	9 days
58	Enclosure	10 days
59	**CEMS**	**8 days**
60	CEMS Building	4 days
61	CEMS Building Foundation	4 days
62	**Stack**	**15 days**
63	Stack	15 days
64	**Site Prep**	**20 days**
65	Final Grading and Drainage	20 days
66	**Post Dismantlement Activities**	**20 days**
67	Post Dismantlement Activities	20 days



HAWTHORN GENERATING STATION
UNITS 6 AND 9

HAWTHORN GENERATING STATION
UNITS 6 AND 9

Hawthorn Units 6 and 9 are a combined-cycle plant that utilizes a combustion turbine generator set equipped with a heat recovery steam generator (HRSG) that utilizes waste heat to produce steam to repower the existing steam turbine generator from the former Unit 4 (re-designated Unit 9) at the Hawthorn Generating Station.

Unit 6 is a Siemens Model V84.3A combustion turbine set that has an SPP-accredited unit rating of 151 MW in simple-cycle configuration when utilizing a bypass damper and stack arrangement. Unit 6 began service in 1997. When Unit 6 is operated in combined-cycle configuration exhausting through the HRSG to produce steam to power the Unit 9 steam turbine generator, the combined SPP-accredited plant rating increases to 232 MW, net. Unit 9 began service in 2000. Each unit is interconnected to the grid through its own generator step-up transformer arrangement. The combustion turbine employs dry low NO_X burner technology and burns only natural gas fuel. The HRSG has an ammonia SCR arrangement to further reduce NO_X emissions.

The following are the major systems and equipment that were included in the retirement and dismantlement of each unit and the major systems and equipment that were considered common (additional details are listed in the attached retirement and dismantlement schedules included in this Appendix).

HAWTHORN UNITS 6 AND 9

1. Combustion turbine generator set and auxiliaries (one)
2. Steam turbine generator set and auxiliaries (one).
2. Generator step-up and auxiliary transformers (two).
3. HRSG and auxiliaries (one).
4. Selective catalytic reduction system, including catalyst and reagent systems (one).

5. Combustion turbine bypass damper and exhaust stack (one).

6. HRSG exhaust stack (one).

7. Circulating water intake structure, circulating water piping, and circulating water equipment (formerly Unit 4).

8. Natural gas filtering skid.

9. Service/Instrument air compressors.

Hawthorn 6 & 9 Retirement

Owner Costs			
Pre-Retirement Activities		$46,506	
Retirement Activities		$232,780	
Post-Retirement Activities		$49,792	
Owner Direct Total			$329,078
Owner Internal Costs	5.00%		$16,454
Owner Contingency:	25.00%		$86,383

Hawthorn 6 & 9 Retirement Opinion of Probable Cost:	$431,914

Activities Required by Permit or Regulation

Hawthorn 9 Intake Removal	$679,931	
Activities Required by Permit or Regulation:		$679,931

Hawthorn 6&9 Retirement

ID	Task Name	Cost
0	**Hawthorn 6&9 Retirement**	**$329,077.68**
1	**Hawthorn 6 & 9 Retirement**	**$329,077.68**
2	**Pre-Retirement Activities**	**$46,505.60**
3	Permitting Review	$24,896.00
4	Develop Detailed Retirement Plan	$21,609.60
5	**Retirement Activities**	**$232,780.08**
6	**Project Management During Retirement**	**$232,780.08**
7	Project Management During Retirement	$102,105.60
8	**CT-6 Retirement Activities**	**$54,993.12**
9	**Electrical**	**$21,584.64**
10	**Medium and Low Voltage Drawout Switchgear**	**$5,886.72**
11	De-energize all buses at the source.	$981.12
12	Open all circuit breakers.	$981.12
13	Rack all circuit breakers into the fully withdrawn, disconnected positi	$981.12
14	Verify that the closing/tripping springs are discharged.	$1,962.24
15	De-energize control power and auxiliary power circuits of each circuit	$981.12
16	**Motor Control Centers**	**$2,943.36**
17	De-energize all buses at the source.	$981.12
18	Open all circuit breakers and disconnect switches.	$981.12
19	Remove all fuses in control circuits.	$981.12
20	**Low-voltage Switchboards and Panelboards**	**$1,962.24**
21	De-energize all buses at the source.	$981.12
22	Open all circuit breakers and disconnect switches.	$981.12
23	**Oil-Filled Power Transformers**	**$3,924.48**
24	De-energize all buses at the source.	$981.12
25	Open all circuit breakers and disconnect switches.	$981.12
26	De-energize all buses at the source.	$981.12
27	Open all circuit breakers and disconnect switches.	$981.12
28	**Dry-type Power Transformers**	**$1,962.24**
29	De-energize all transformer primaries and verify that the secondary is	$981.12
30	De-energize all low-voltage AC or DC power sources for space heaters	$981.12
31	**Motors**	**$4,905.60**
32	De-energize all primary power at the source.	$981.12
33	De-energize all low-voltage power sources for space heaters or other	$981.12
34	Drain lube oil system (if applicable) and dispose of oil.	$2,943.36
35	**Fuel Gas System**	**$11,786.24**
36	Isolate Fuel Gas System	$4,264.32
37	Vent Fuel Gas Piping and Equipment	$2,751.84
38	Open and Vent Knock-Out Drum	$943.52
39	Drain, Open and Vent the Drain Tank	$943.52
40	Empty the Coalescing Filter	$1,939.52
41	Open and Vent Equipment on the CT Gas Valve Module	$943.52
42	**Lube Oil Cooling Water System**	**$2,830.56**
43	Open and Drain the Water Side of the Lube Oil Coolers	$1,887.04
44	Open and Vent the Coolers and Expansion Tank	$943.52
45	**Wash Water Skid**	**$2,830.56**
46	Open and Drain the Detergent Tank	$943.52
47	Open and Drain the Demineralized Water Tank	$943.52
48	Empty the Demineralized Water Tank	$943.52

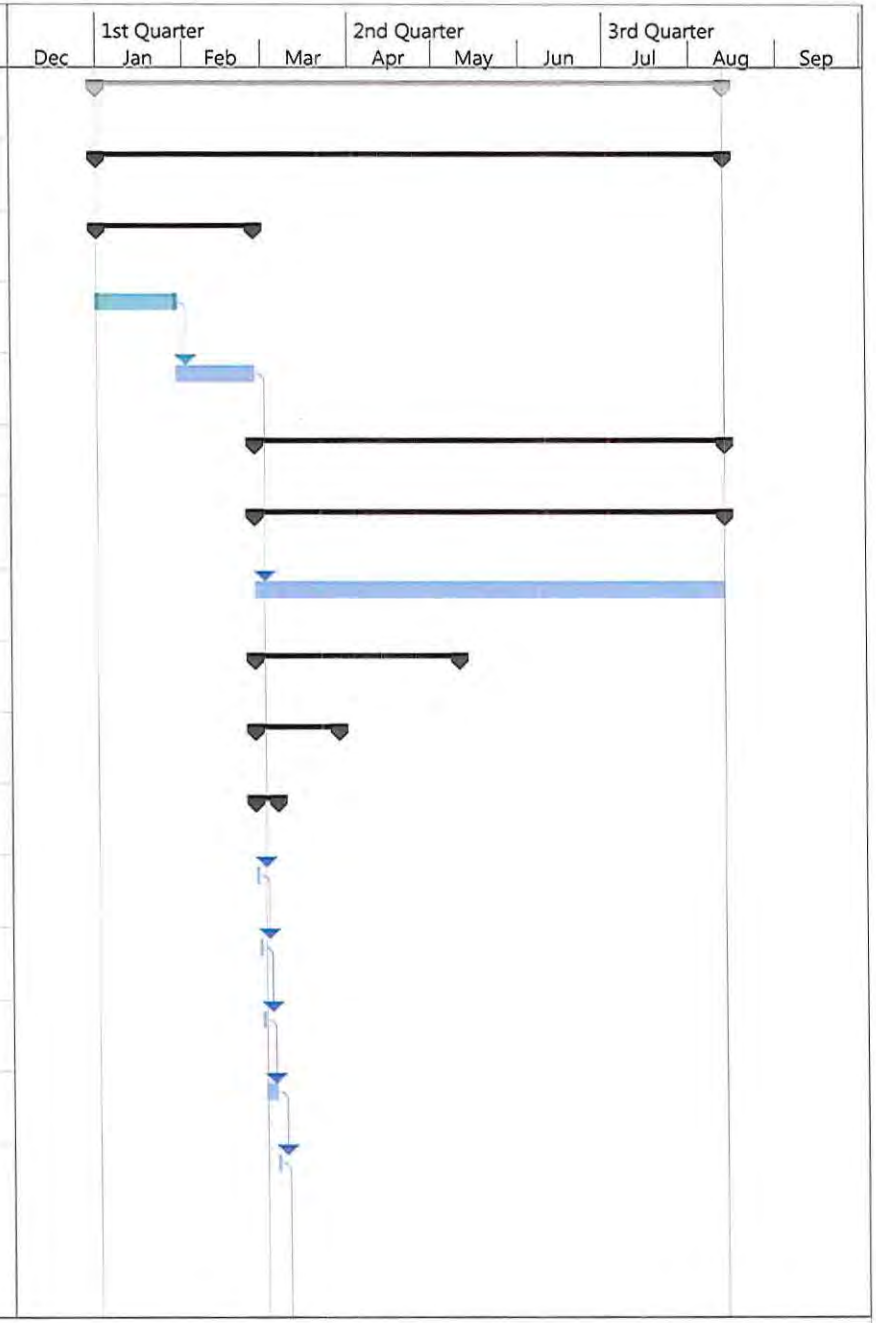
Hawthorn 6&9 Retirement

ID	Task Name	Cost
49	**Miscelleaneous Piping**	**$3,774.08**
50	Open and Vent the Exhaust Frame Cooling Piping	$943.52
51	Open and Vent the CT Air Processing Piping	$943.52
52	Open and Vent the Inlet Air Heating Piping	$943.52
53	Open and Vent the CT Air Processing Piping	$943.52
54	**Fire Protection Piping**	**$3,747.84**
55	Empty the CO2 Storage Tank	$2,804.32
56	Open and Vent the Fire Protection Piping	$943.52
57	**Lube Oil System**	**$8,439.20**
58	Empty and Remove from Site the Lubricating Oil	$5,608.64
59	Drain Lubricating Oil Piping	$1,887.04
60	Open and Vent Lubricating Oil Piping	$943.52
61	**Hawthorn 9 Retirement Activities**	**$75,681.36**
62	**Electrical**	**$21,584.64**
63	**Medium and Low Voltage Drawout Switchgear**	**$5,886.72**
64	De-energize all buses at the source.	$981.12
65	Open all circuit breakers.	$981.12
66	Rack all circuit breakers into the fully withdrawn, disconnected positi	$981.12
67	Verify that the closing/tripping springs are discharged.	$1,962.24
68	De-energize control power and auxiliary power circuits of each circuit	$981.12
69	**Motor Control Centers**	**$2,943.36**
70	De-energize all buses at the source.	$981.12
71	Open all circuit breakers and disconnect switches.	$981.12
72	Remove all fuses in control circuits.	$981.12
73	**Low-voltage Switchboards and Panelboards**	**$1,962.24**
74	De-energize all buses at the source.	$981.12
75	Open all circuit breakers and disconnect switches.	$981.12
76	**Oil-Filled Power Transformers**	**$3,924.48**
77	De-energize all buses at the source.	$981.12
78	Open all circuit breakers and disconnect switches.	$981.12
79	De-energize all buses at the source.	$981.12
80	Open all circuit breakers and disconnect switches.	$981.12
81	**Dry-type Power Transformers**	**$1,962.24**
82	De-energize all transformer primaries and verify that the secondary is	$981.12
83	De-energize all low-voltage AC or DC power sources for space heaters	$981.12
84	**Motors**	**$4,905.60**
85	De-energize all primary power at the source.	$981.12
86	De-energize all low-voltage power sources for space heaters or other	$981.12
87	Drain lube oil system (if applicable) and dispose of oil.	$2,943.36
88	**Boiler Chemical Feed**	**$1,834.56**
89	Drain all chemical feed tanks.	$1,834.56
90	**HRSG**	**$2,856.80**
91	Open HRSG doors.	$969.76
92	Drain boiler, drums, downcomers and headers.	$917.28
93	Open drum doors.	$969.76
94	**Stack and Ductwork**	**$969.76**
95	Open ductwork doors.	$969.76
96	Place cap over stack opening to keep moisture out.	$0.00
97	**Condensate and Feedwater Piping**	**$1,834.56**

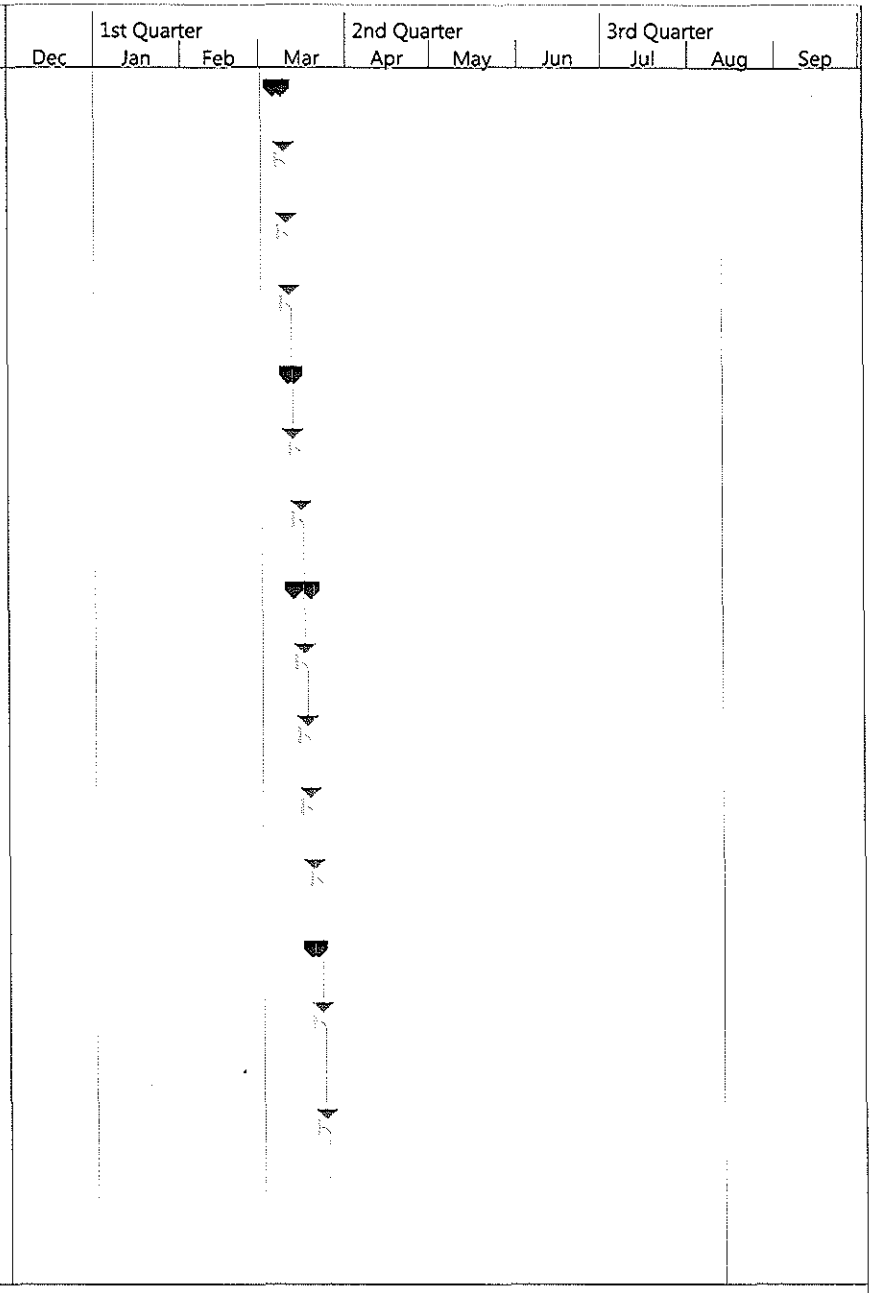
Hawthorn 6&9 Retirement

ID	Task Name	Cost
98	Drain water from the system.	$917.28
99	Leave open vents and drains.	$917.28
100	**SCR**	**$8,660.48**
101	Remove catalyst of salvage or disposal.	$3,879.04
102	Padlock or tack weld access doors shut.	$969.76
103	Remove ammonia from storage tank for resale.	$943.52
104	Wash out and drain storage tank and supply piping.	$943.52
105	Vent storage tank and all piping. Leave vent and drain valves open or rei	$943.52
106	Pull electrical supply breakers on all electrical equipment except lighting	$981.12
107	**Turbine(s) and Condenser**	**$3,367.92**
108	Drain hotwell and leave doors open.	$943.52
109	Open main turbine doors.	$484.88
110	Open bfp turbine doors.	$484.88
111	Remove lube oil.	$1,454.64
112	**Generator**	**$13,649.12**
113	Verify that generator circuit breaker is open and racked out or that high	$981.12
114	Verify that generator field breaker or contactor (if applicable) is open.	$981.12
115	De-energize power supplies to generator excitation system at the source	$981.12
116	De-energize AC and DC power supplies to generator and exciter space h	$1,962.24
117	Drain lubricating oil system and dispose of oil.	$2,943.36
118	Drain generator and exciter cooling water systems (if applicable).	$2,856.80
119	Disconnect and remove hydrogen gas tanks and purge generator hydrog	$981.12
120	Disconnect and remove fire protection system gas/foam tanks and purg	$1,962.24
121	**Circulating Water and Turbine Cooling Water System**	**$3,669.12**
122	Drain.	$1,834.56
123	Open water box doors.	$917.28
124	Drain any circulating water chemical feed tanks.	$917.28
125	**Compressed Air System**	**$3,774.08**
126	Open vents and drains.	$917.28
127	Remove desiccant from desiccant dryers.	$2,856.80
128	**Auxiliary Steam System**	**$1,834.56**
129	Drain water from system.	$917.28
130	Remove aux boiler chemicals.	$917.28
131	**Auxiliary Cooling Water System**	**$917.28**
132	Drain water from system.	$917.28
133	**Condenser Air Extraction and Waterbox Priming System**	**$917.28**
134	Drain water from system.	$917.28
135	**Battery System**	**$9,811.20**
136	Turn off battery charger and disconnect cables from batteries.	$1,962.24
137	De-energize all battery chargers from the source.	$981.12
138	Open all AC and DC circuit breakers and/or fused switches on battery ch	$981.12
139	Remove and dispose of battery electrolyte.	$2,943.36
140	Remove and dispose of battery cells.	$1,962.24
141	Clean up and dispose of electrolyte on surface areas around batteries.	$981.12
142	**Post Retirement Activities**	**$49,792.00**
143	Post Retirement Activities	$49,792.00

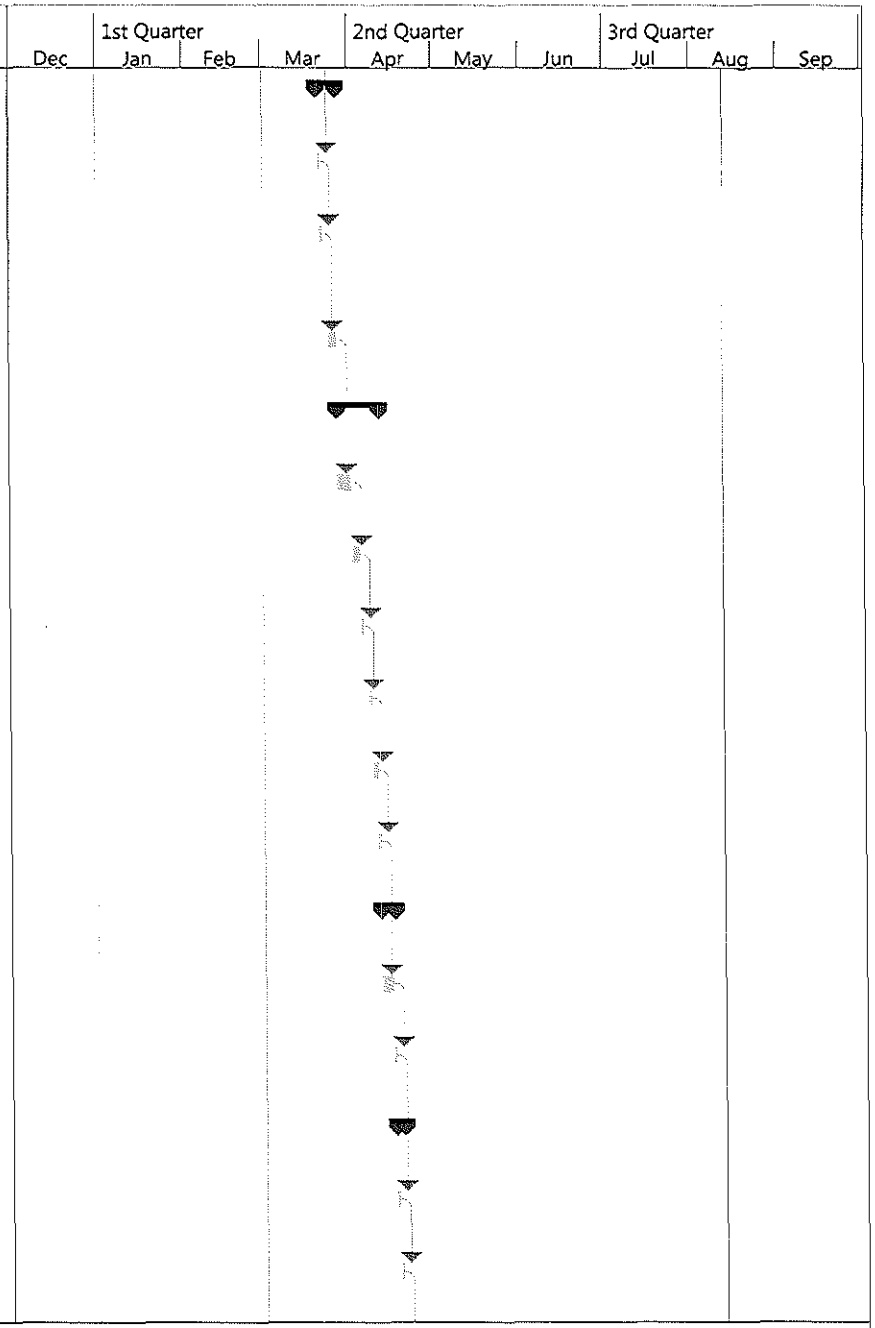
ID	Task Name	Duration
0	**Hawthorn 6&9 Retirement**	**160 days**
1	**Hawthorn 6 & 9 Retirement**	**160 days**
2	**Pre-Retirement Activities**	**40 days**
3	Permitting Review	20 days
4	Develop Detailed Retirement Plan	20 days
5	**Retirement Activities**	**120 days**
6	**Project Management During Retirement**	**120 days**
7	Project Management During Retirement	120 days
8	**CT-6 Retirement Activities**	**53 days**
9	**Electrical**	**22 days**
10	**Medium and Low Voltage Drawout Switchgear**	**6 days**
11	De-energize all buses at the source.	1 day
12	Open all circuit breakers.	1 day
13	Rack all circuit breakers into the fully withdrawn, disconnected position.	1 day
14	Verify that the closing/tripping springs are discharged.	2 days
15	De-energize control power and auxiliary power circuits of each circuit breaker at the source and by opening control power circuit breakers or removing fuses in each breaker cubicle.	1 day



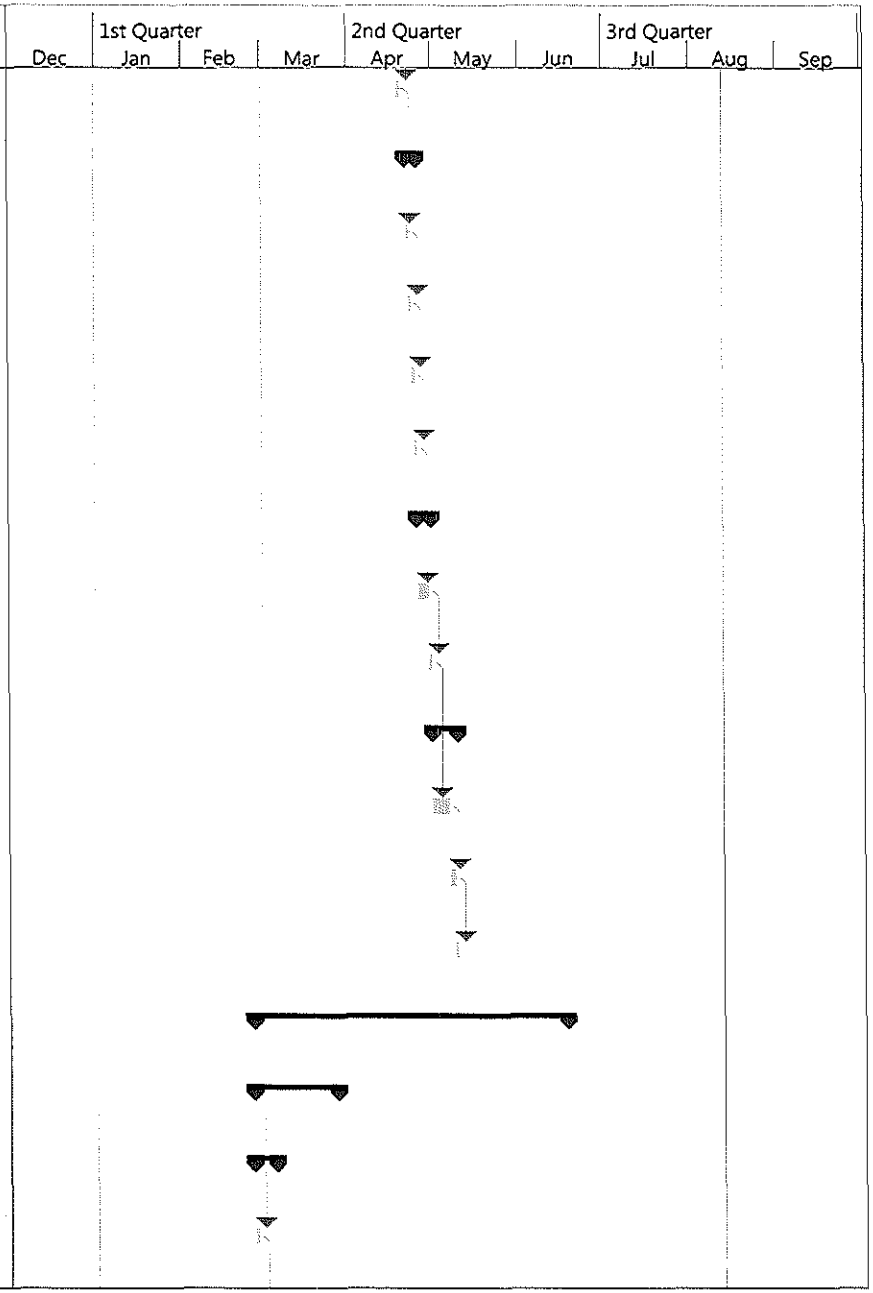
ID	Task Name	Duration
16	**Motor Control Centers**	**3 days**
17	De-energize all buses at the source.	1 day
18	Open all circuit breakers and disconnect switches.	1 day
19	Remove all fuses in control circuits.	1 day
20	**Low-voltage Switchboards and Panelboards**	**2 days**
21	De-energize all buses at the source.	1 day
22	Open all circuit breakers and disconnect switches.	1 day
23	**Oil-Filled Power Transformers**	**4 days**
24	De-energize all buses at the source.	1 day
25	Open all circuit breakers and disconnect switches.	1 day
26	De-energize all buses at the source.	1 day
27	Open all circuit breakers and disconnect switches.	1 day
28	**Dry-type Power Transformers**	**2 days**
29	De-energize all transformer primaries and verify that the secondary is de-energized.	1 day
30	De-energize all low-voltage AC or DC power sources for space heaters, cooling equipment, controls, etc. at the source and open circuit breakers or remove fuses at transformer end.	1 day



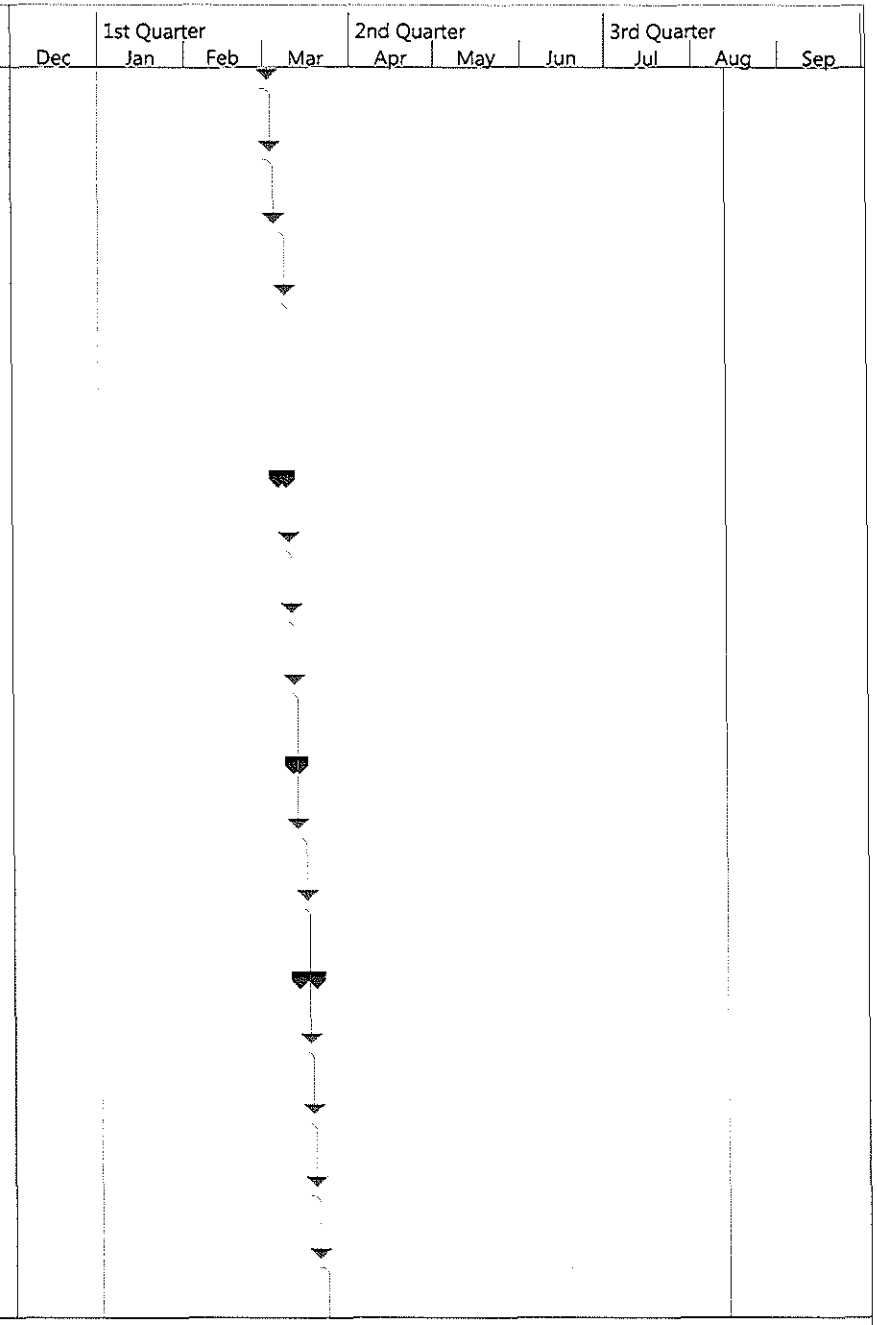
ID	Task Name	Duration
31	**Motors**	**5 days**
32	De-energize all primary power at the source.	1 day
33	De-energize all low-voltage power sources for space heaters or other auxiliary equipment at the source.	1 day
34	Drain lube oil system (if applicable) and dispose of oil.	3 days
35	**Fuel Gas System**	**11 days**
36	Isolate Fuel Gas System	3 days
37	Vent Fuel Gas Piping and Equipment	3 days
38	Open and Vent Knock-Out Drum	1 day
39	Drain, Open and Vent the Drain Tank	1 day
40	Empty the Coalescing Filter	2 days
41	Open and Vent Equipment on the CT Gas Valve Module	1 day
42	**Lube Oil Cooling Water System**	**3 days**
43	Open and Drain the Water Side of the Lube Oil Coolers	2 days
44	Open and Vent the Coolers and Expansion Tank	1 day
45	**Wash Water Skid**	**3 days**
46	Open and Drain the Detergent Tank	1 day
47	Open and Drain the Demineralized Water Tank	1 day



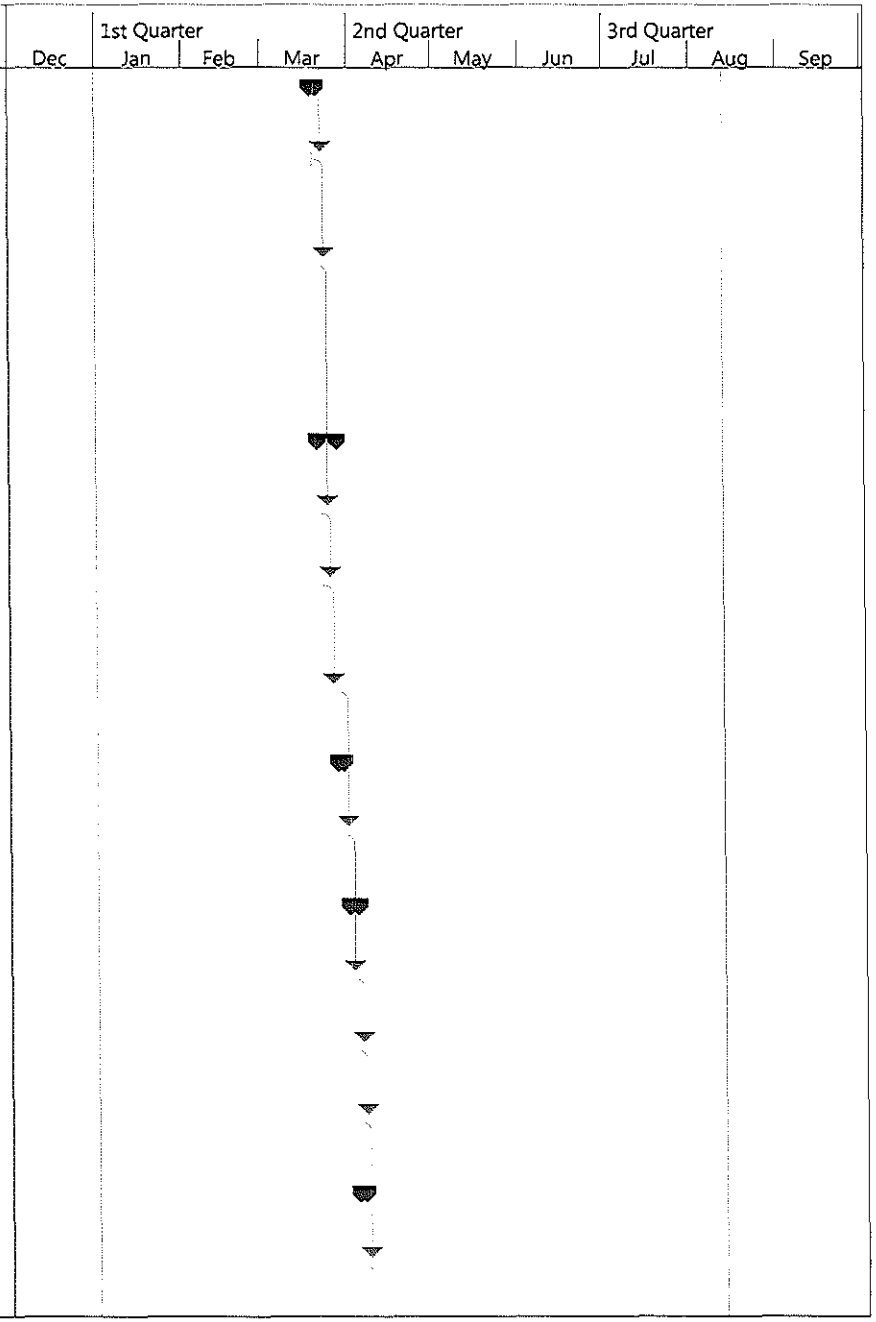
ID	Task Name	Duration
48	Empty the Demineralized Water Tank	1 day
49	**Miscelleaneous Piping**	**4 days**
50	Open and Vent the Exhaust Frame Cooling Piping	1 day
51	Open and Vent the CT Air Processing Piping	1 day
52	Open and Vent the Inlet Air Heating Piping	1 day
53	Open and Vent the CT Air Processing Piping	1 day
54	**Fire Protection Piping**	**3 days**
55	Empty the CO2 Storage Tank	2 days
56	Open and Vent the Fire Protection Piping	1 day
57	**Lube Oil System**	**7 days**
58	Empty and Remove from Site the Lubricating Oil	4 days
59	Drain Lubricating Oil Piping	2 days
60	Open and Vent Lubricating Oil Piping	1 day
61	**Hawthorn 9 Retirement Activities**	**80 days**
62	**Electrical**	**22 days**
63	**Medium and Low Voltage Drawout Switchgear**	**6 days**
64	De-energize all buses at the source.	1 day



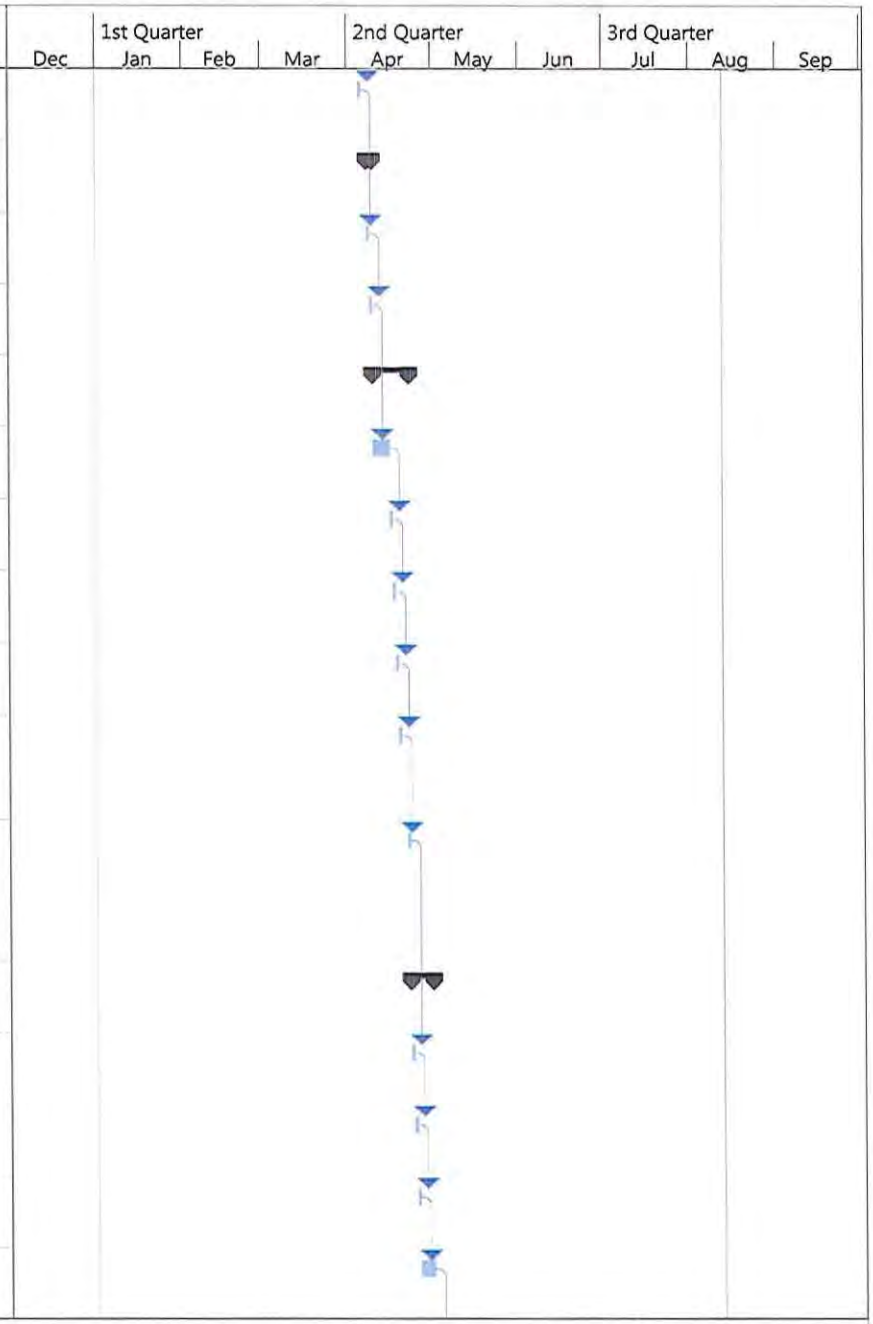
ID	Task Name	Duration
65	Open all circuit breakers.	1 day
66	Rack all circuit breakers into the fully withdrawn, disconnected position.	1 day
67	Verify that the closing/tripping springs are discharged.	2 days
68	De-energize control power and auxiliary power circuits of each circuit breaker at the source and by opening control power circuit breakers or removing fuses in each breaker cubicle.	1 day
69	**Motor Control Centers**	**3 days**
70	De-energize all buses at the source.	1 day
71	Open all circuit breakers and disconnect switches.	1 day
72	Remove all fuses in control circuits.	1 day
73	**Low-voltage Switchboards and Panelboards**	**2 days**
74	De-energize all buses at the source.	1 day
75	Open all circuit breakers and disconnect switches.	1 day
76	**Oil-Filled Power Transformers**	**4 days**
77	De-energize all buses at the source.	1 day
78	Open all circuit breakers and disconnect switches.	1 day
79	De-energize all buses at the source.	1 day
80	Open all circuit breakers and disconnect switches.	1 day



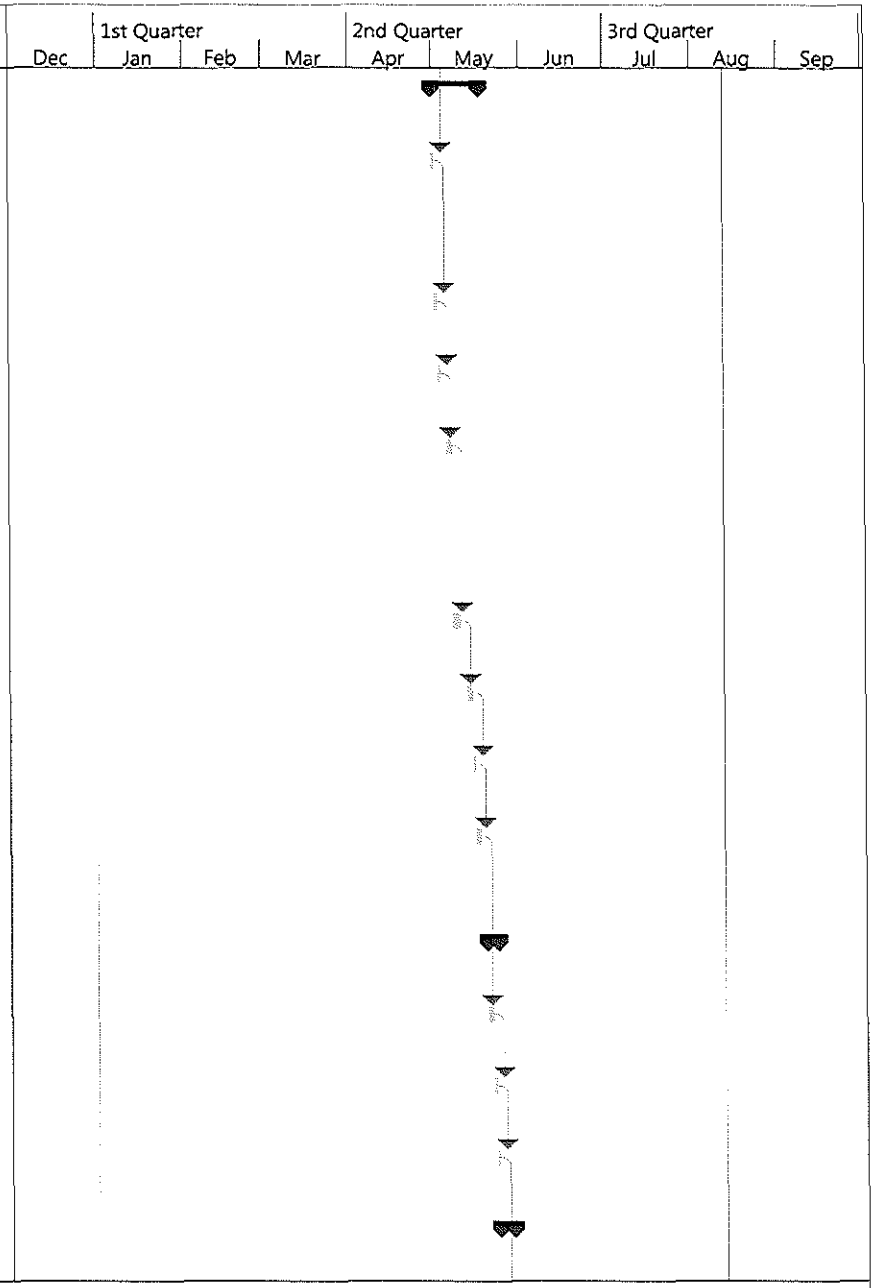
ID	Task Name	Duration
81	**Dry-type Power Transformers**	**2 days**
82	De-energize all transformer primaries and verify that the secondary is de-energized.	1 day
83	De-energize all low-voltage AC or DC power sources for space heaters, cooling equipment, controls, etc. at the source and open circuit breakers or remove fuses at transformer end.	1 day
84	**Motors**	**5 days**
85	De-energize all primary power at the source.	1 day
86	De-energize all low-voltage power sources for space heaters or other auxiliary equipment at the source.	1 day
87	Drain lube oil system (if applicable) and dispose of oil.	3 days
88	**Boiler Chemical Feed**	**2 days**
89	Drain all chemical feed tanks.	2 days
90	**HRSG**	**3 days**
91	Open HRSG doors.	1 day
92	Drain boiler, drums, downcomers and headers.	1 day
93	Open drum doors.	1 day
94	**Stack and Ductwork**	**2 days**
95	Open ductwork doors.	1 day



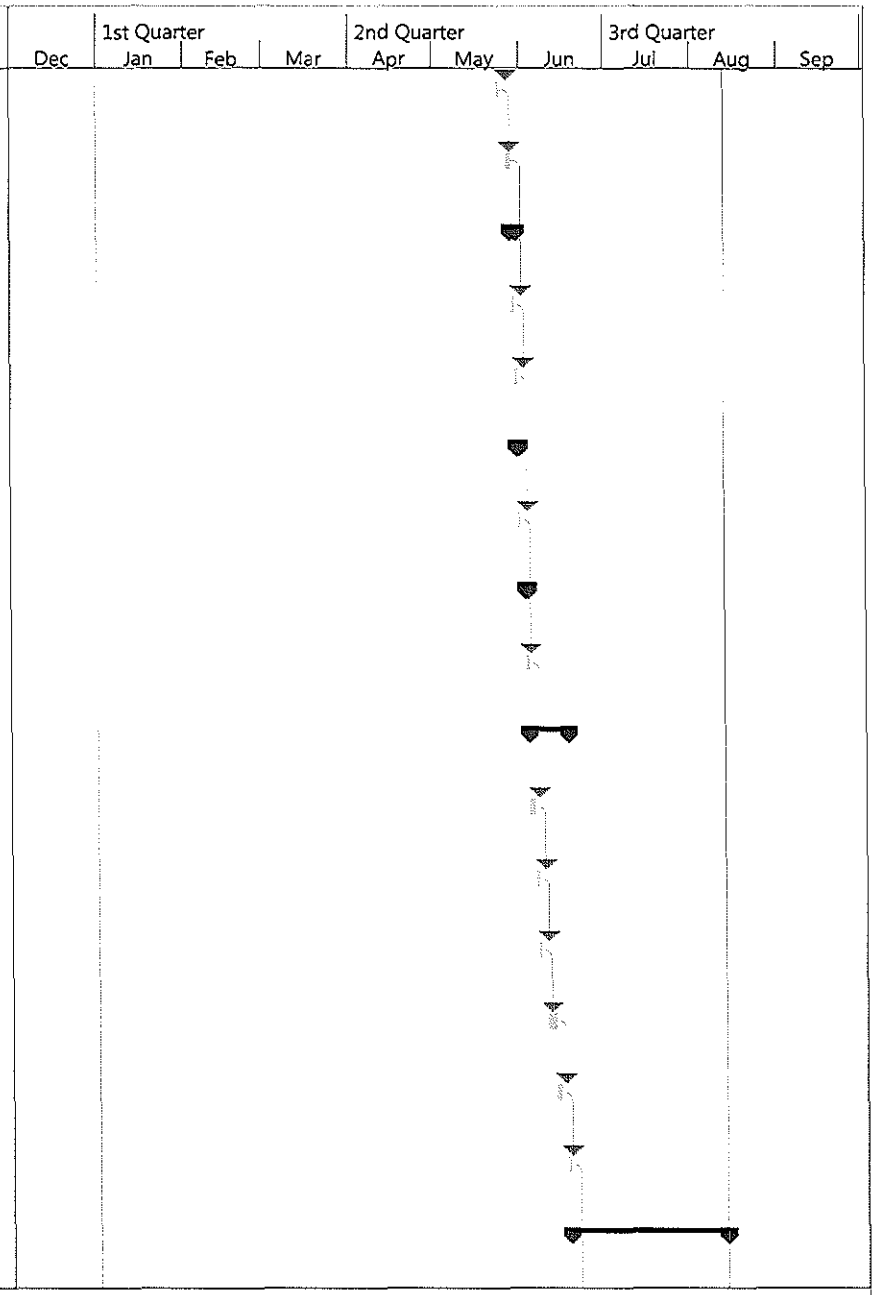
ID	Task Name	Duration
96	Place cap over stack opening to keep moisture out.	1 day
97	**Condensate and Feedwater Piping**	**2 days**
98	Drain water from the system.	1 day
99	Leave open vents and drains.	1 day
100	**SCR**	**9 days**
101	Remove catalyst of salvage or disposal.	4 days
102	Padlock or tack weld access doors shut.	1 day
103	Remove ammonia from storage tank for resale.	1 day
104	Wash out and drain storage tank and supply piping.	1 day
105	Vent storage tank and all piping. Leave vent and drain valves open or remove. Install bird screens.	1 day
106	Pull electrical supply breakers on all electrical equipment except lighting and HVAC components that are to remain in service.	1 day
107	**Turbine(s) and Condenser**	**6 days**
108	Drain hotwell and leave doors open.	1 day
109	Open main turbine doors.	1 day
110	Open bfp turbine doors.	1 day
111	Remove lube oil.	3 days



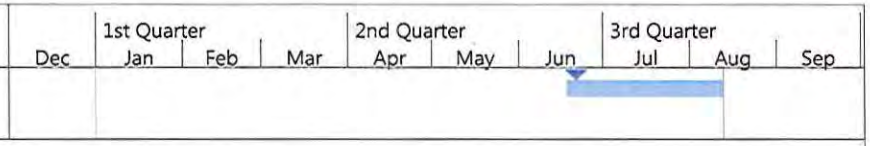
ID	Task Name	Duration
112	**Generator**	**13 days**
113	Verify that generator circuit breaker is open and racked out or that high-voltage disconnect switch on substation side of GSU transformer is locked in the open position.	1 day
114	Verify that generator field breaker or contactor (if applicable) is open.	1 day
115	De-energize power supplies to generator excitation system at the source.	1 day
116	De-energize AC and DC power supplies to generator and exciter space heaters, cooling equipment, controls, lighting, etc. at the source and open circuit breakers or remove fuses at the generator and exciter.	2 days
117	Drain lubricating oil system and dispose of oil.	3 days
118	Drain generator and exciter cooling water systems (if applicable).	2 days
119	Disconnect and remove hydrogen gas tanks and purge generator hydrogen system.	1 day
120	Disconnect and remove fire protection system gas/foam tanks and purge fire protection system.	2 days
121	**Circulating Water and Turbine Cooling Water System**	**4 days**
122	Drain.	2 days
123	Open water box doors.	1 day
124	Drain any circulating water chemical feed tanks.	1 day
125	**Compressed Air System**	**3 days**



ID	Task Name	Duration
126	Open vents and drains.	1 day
127	Remove desiccant from desiccant dryers.	2 days
128	**Auxiliary Steam System**	**2 days**
129	Drain water from system.	1 day
130	Remove aux boiler chemicals.	1 day
131	**Auxiliary Cooling Water System**	**1 day**
132	Drain water from system.	1 day
133	**Condenser Air Extraction and Waterbox Priming System**	**1 day**
134	Drain water from system.	1 day
135	**Battery System**	**10 days**
136	Turn off battery charger and disconnect cables from batteries.	2 days
137	De-energize all battery chargers from the source.	1 day
138	Open all AC and DC circuit breakers and/or fused switches on battery chargers.	1 day
139	Remove and dispose of battery electrolyte.	3 days
140	Remove and dispose of battery cells.	2 days
141	Clean up and dispose of electrolyte on surface areas around batteries.	1 day
142	**Post Retirement Activities**	**40 days**



ID	Task Name	Duration
143	Post Retirement Activities	40 days



Hawthorn 6 & 9 Dismantlement

Owner Costs			
Pre-Dismantlement Activities		$1,104,559	
Overhead During Dismantlement		$1,454,694	
Post-Dismantlement Activities		$34,755	
Owner Costs Total			$2,594,008
Demolition General Contractor (DGC) Costs			
Site Management		$703,198	
Equipment Rental		$1,185,151	
Consumables		$1,182,380	
Scrap Crew(s)		$306,434	
Dismantlement		$1,025,050	
DGC Insurance	2.00%	$88,044	
Contingency/Profit	15.00%	$673,539	
Performance Bond	2.00%	$103,276	
Contractor Costs Total:			$5,267,072
Total:			$7,861,080
Owner Internal Costs:	5.00%		$393,054
Owner Contingency:	25.00%		$2,063,534
Hawthorn 6 & 9 Dismantlement Opinion of Probable Cost:			$10,317,668

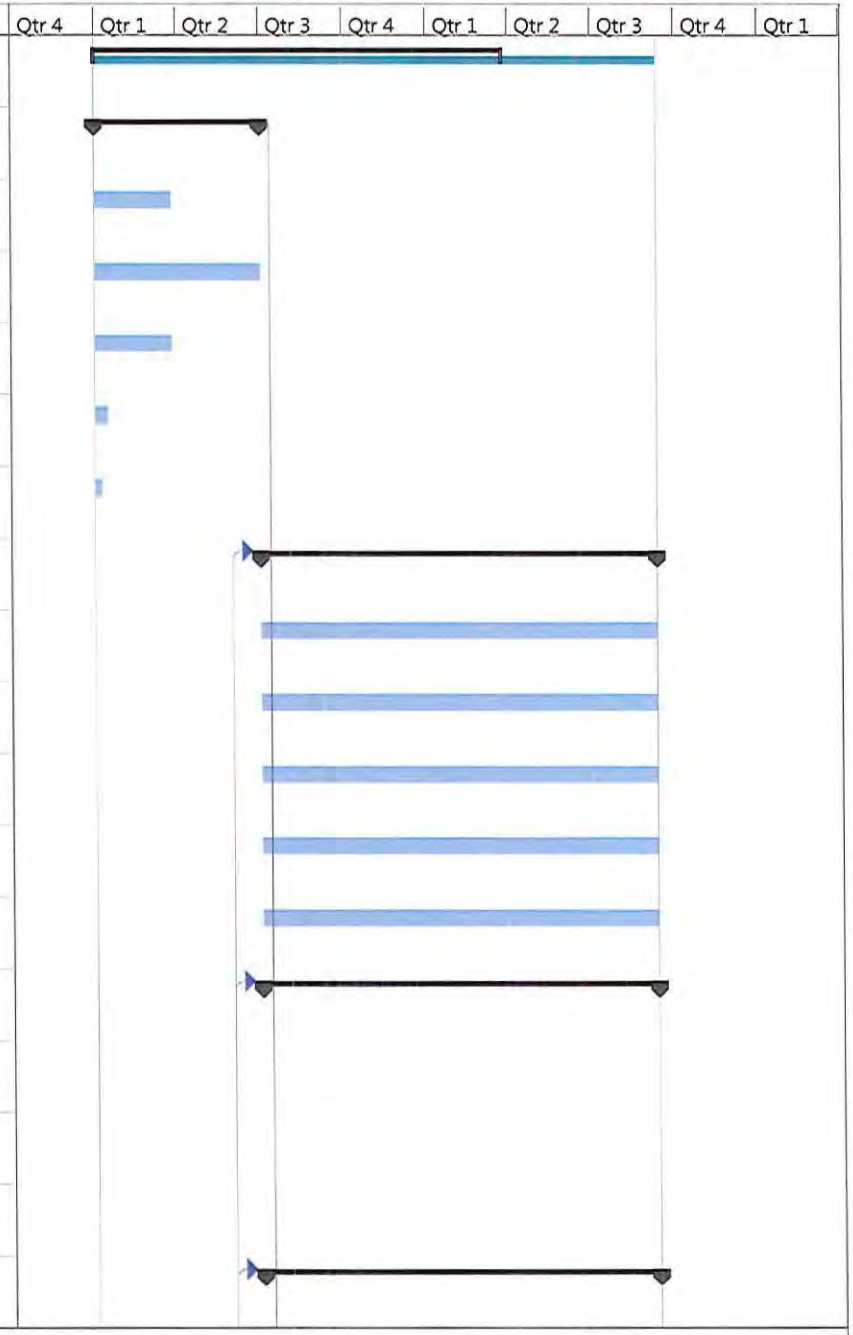
Hawthorn 6 & 9 Dismantlement

ID	Task Name	Cost
0	**Hawthorn 6 & 9 Dismantlement**	**$6,996,221.28**
1	**Hawthorn 6 &9 Dismantlement**	**$6,996,221.28**
2	**Pre-Demolition Activities**	**$1,104,558.96**
3	Detailed Planning & Hire Owner's Engineer	$110,802.72
4	Detailed Site Characterization Study	$783,536.00
5	Hire Demolition general Contractor	$198,647.04
6	KCP&L Prepares Unit for Dismantlement	$11,573.20
7	Demolition Contractor Mobilizes on Sit	$0.00
8	**KCP&L Overhead during Dismantlement**	**$1,454,693.76**
9	KCP&L Project Manager	$205,071.36
10	KCP&L Administrative Support	$75,853.44
11	KCP&L Engineer	$337,109.76
12	Owners Engineer Project Manager	$102,835.20
13	Owners Engineer - Engineer	$733,824.00
14	**Demolition Contractor Overhead during Dismantlement**	**$703,198.08**
15	Demolition Contractor Project Manager	$198,956.16
16	Demolition Contractor Safety Manager	$177,166.08
17	Demolition Contractor Superintendent	$327,075.84
18	**Demolition Contractor Equipment Rental Cost**	**$1,185,150.72**
19	Equipment Rental	$1,185,150.72
20	**Demolition Contractor Consumables**	**$1,182,380.16**
21	Consumables	$1,182,380.16
22	**Scrap Crews**	**$306,433.92**
23	Crew to Handle Scrap Material(s)	$306,433.92
24	**Dismantlement**	**$1,025,050.48**
25	**Electrical**	**$137,918.40**
26	Electrical Demolition of Equipment	$137,918.40
27	**Fuel Gas System**	**$8,725.60**
28	Remove all above grade fuel gas piping.	$3,174.16
29	Gas Filter Skid	$5,551.44
30	**Lube Oil System**	**$20,355.28**
31	Lube Oil Piping	$5,551.44
32	Lube Oil Pumps	$5,551.44
33	Lube Oil Tanks	$9,252.40
34	**Compressed Air System**	**$24,056.24**
35	Compressed Air Piping	$5,551.44
36	Compressors	$9,252.40
37	Air Receiver	$3,700.96
38	Dryer	$5,551.44
39	**Fire Protection**	**$33,308.64**
40	Fire Protection Piping	$11,102.88
41	Firewater Tank	$14,803.84
42	CO2 Storage Tank	$7,401.92
43	**Wash Water Skid**	**$14,803.84**
44	Detergent Tank	$7,401.92
45	Demineralized Water Tank	$7,401.92
46	**Miscellaneous Piping**	**$94,374.48**
47	Exhaust Frame Cooling Piping	$7,401.92
48	CT Air Processing Piping	$9,252.40

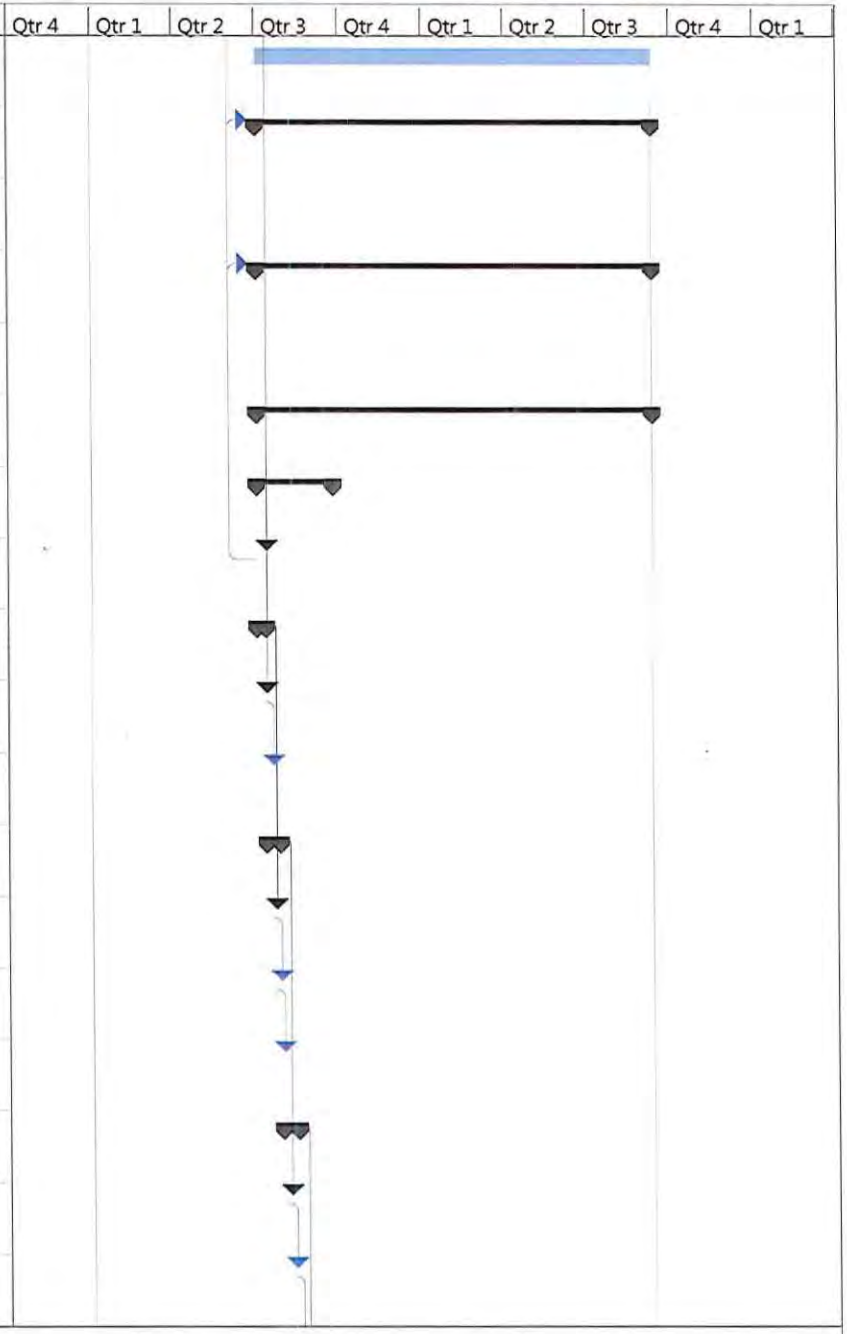
Hawthorn 6 & 9 Dismantlement

ID	Task Name	Cost
49	Inlet Air Heating Piping	$9,252.40
50	Auxiliary Steam Piping	$9,252.40
51	Auxiliary Cooling Piping	$9,252.40
52	Feedwater Piping	$12,953.36
53	Condensate Piping	$14,803.84
54	High Pressure Steam Piping	$22,205.76
55	**Generators**	**$14,803.84**
56	CT Generator	$7,401.92
57	ST Generator	$7,401.92
58	**Steam Turbine and Condenser**	**$27,757.20**
59	Remove Steam Turbine	$18,504.80
60	Remove Condenser Internals	$9,252.40
61	**General Service Pumps**	**$25,906.72**
62	Boiler Feed Pumps	$9,252.40
63	Condensate Pumps	$5,551.44
64	Turbine Cooling Water Pumps	$3,700.96
65	General Service Pumps - Misc.	$7,401.92
66	**Combustion Turbine**	**$96,224.96**
67	Inlet Heater	$5,551.44
68	Inlet duct	$11,102.88
69	Exhaust duct	$14,803.84
70	Combustion Turbine	$29,607.68
71	Combustion Turbine Foundation	$16,654.32
72	Enclosure	$18,504.80
73	**Boiler Chemical Feed**	**$7,401.92**
74	Chemical Feed tanks	$7,401.92
75	**Condenser**	**$31,458.16**
76	Condenser Air Extraction and Waterbox Priming System	$7,401.92
77	Condenser External Parts	$24,056.24
78	**HRSG**	**$351,591.20**
79	Remove Boiler Tubes	$111,028.80
80	Remove Boiler Ductwork Casing	$74,019.20
81	Remove Boiler Steel	$166,543.20
82	**Turbine Building**	**$62,344.80**
83	Remove the Turbine Building	$62,344.80
84	**Circulating Water and Turbine Cooling Water System**	**$22,205.76**
85	Chemical Feed tanks	$3,700.96
86	Excavate Collapse and Back Fill Circulation Water Piping	$18,504.80
87	**CEMS**	**$14,803.84**
88	CEMS Building	$7,401.92
89	CEMS Building Foundation	$7,401.92
90	**Stack**	**$37,009.60**
91	Stacks and By-Pass Damper	$37,009.60
92	**Post Dismantlement Activities**	**$34,755.20**
93	Post Dismantlement Activities	$34,755.20

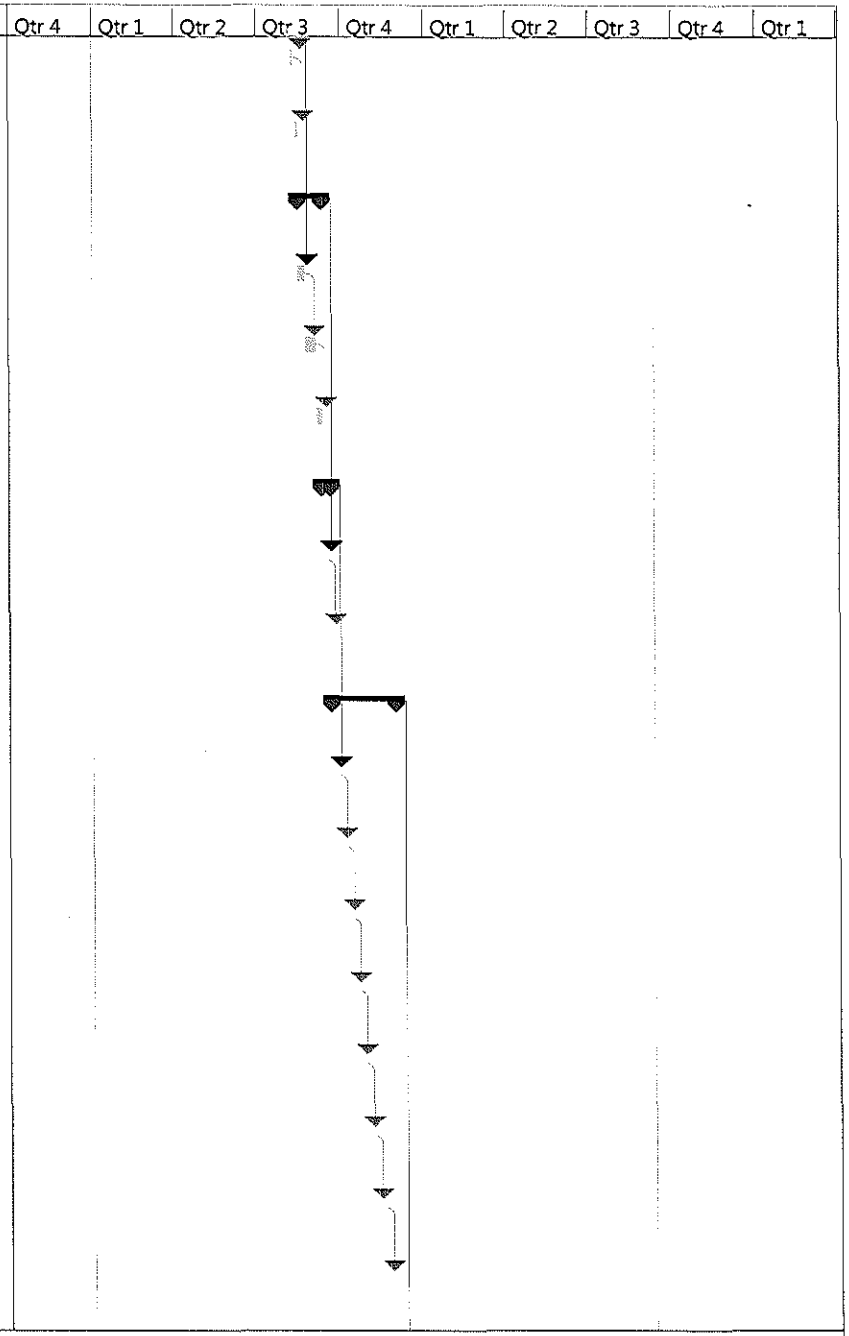
ID	Task Name	Duration
1	**Hawthorn 6 &9 Dismantlement**	**321 days**
2	**Pre-Demolition Activities**	**130 days**
3	Detailed Planning & Hire Owner's Engineer	3 mons
4	Detailed Site Characterization Study	130 days
5	Hire Demolition general Contractor	3 mons
6	KCP&L Prepares Unit for Dismantlement	2 wks
7	Demolition Contractor Mobilizes on Sit	5 days
8	**KCP&L Overhead during Dismantlement**	**312 days**
9	KCP&L Project Manager	312 days
10	KCP&L Administrative Support	312 days
11	KCP&L Engineer	312 days
12	Owners Engineer Project Manager	312 days
13	Owners Engineer - Engineer	312 days
14	**Demolition Contractor Overhead during Dismantlement**	**312 days**
15	Demolition Contractor Project Manager	312 days
16	Demolition Contractor Safety Manager	312 days
17	Demolition Contractor Superintendent	312 days
18	**Demolition Contractor Equipment Rental Cost**	**312 days**



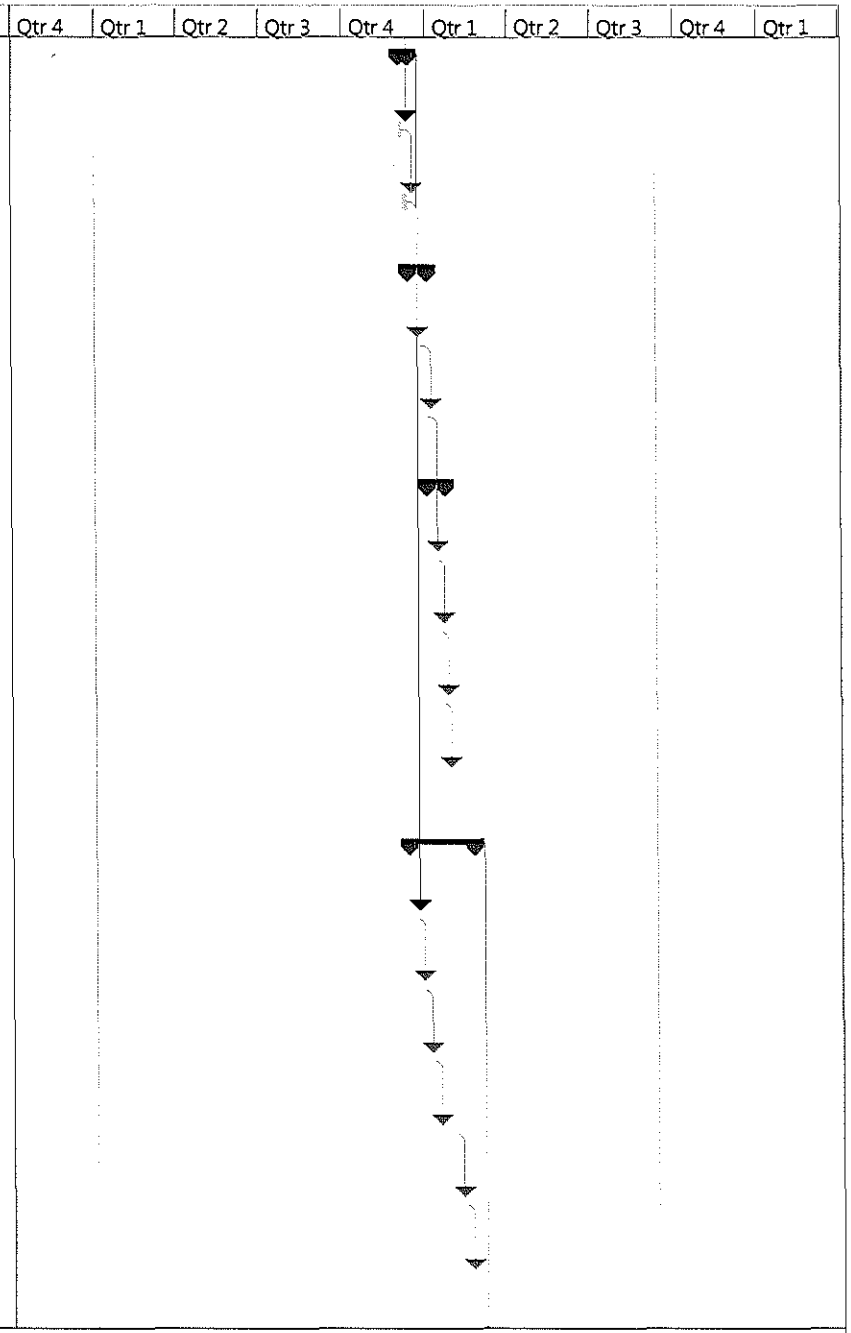
ID	Task Name	Duration
19	Equipment Rental	312 days
20	**Demolition Contractor Consumables**	**312 days**
21	Consumables	312 days
22	**Scrap Crews**	**312 days**
23	Crew to Handle Scrap Material(s)	312 days
24	**Dismantlement**	**312 days**
25	**Electrical**	**60 days**
26	Electrical Demolition of Equipment	60 days
27	**Fuel Gas System**	**8 days**
28	Remove all above grade fuel gas piping.	5 days
29	Gas Filter Skid	3 days
30	**Lube Oil System**	**11 days**
31	Lube Oil Piping	3 days
32	Lube Oil Pumps	3 days
33	Lube Oil Tanks	5 days
34	**Compressed Air System**	**13 days**
35	Compressed Air Piping	3 days
36	Compressors	5 days



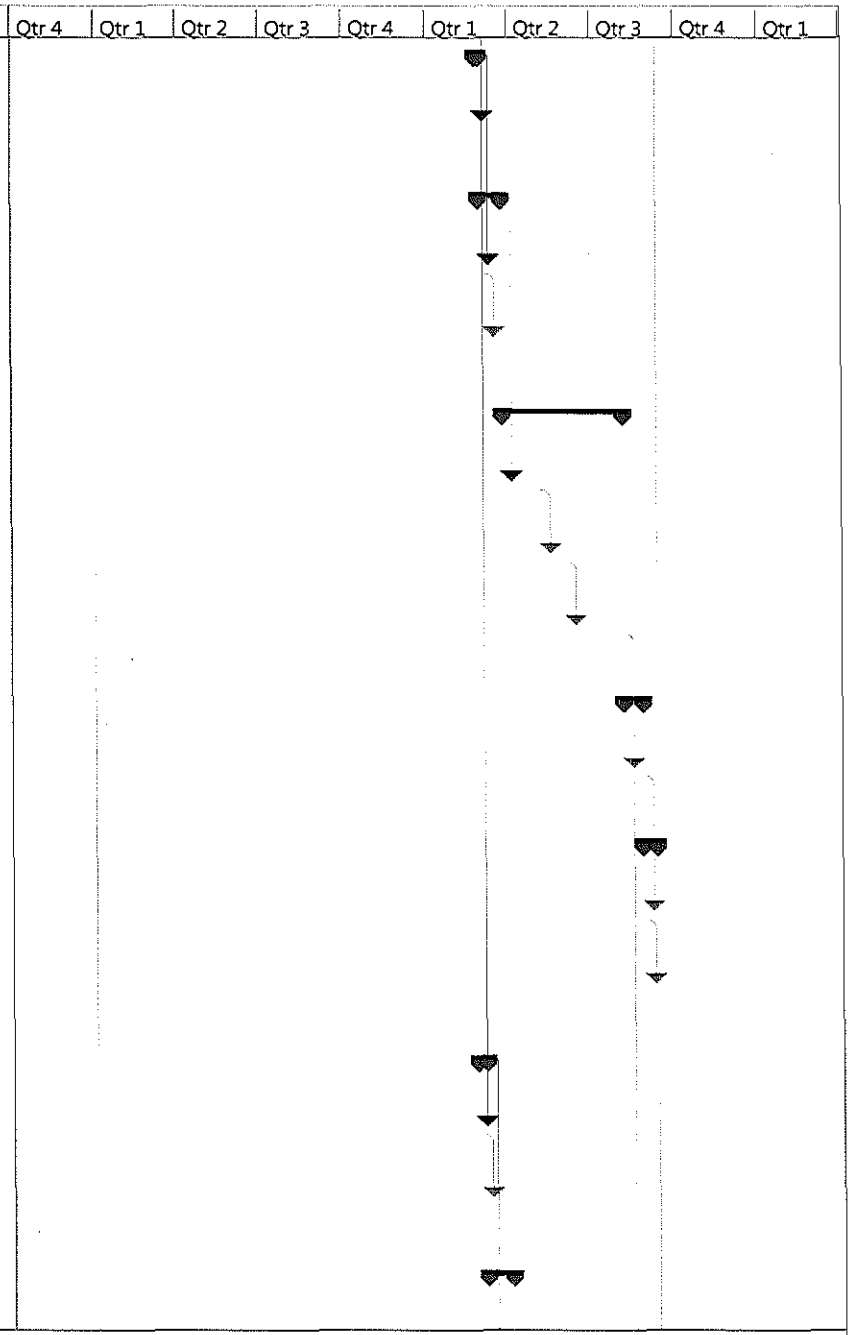
ID	Task Name	Duration
37	Air Receiver	2 days
38	Dryer	3 days
39	**Fire Protection**	**18 days**
40	Fire Protection Piping	6 days
41	Firewater Tank	8 days
42	CO2 Storage Tank	4 days
43	**Wash Water Skid**	**8 days**
44	Detergent Tank	4 days
45	Demineralized Water Tank	4 days
46	**Miscellaneous Piping**	**51 days**
47	Exhaust Frame Cooling Piping	4 days
48	CT Air Processing Piping	5 days
49	Inlet Air Heating Piping	5 days
50	Auxiliary Steam Piping	5 days
51	Auxiliary Cooling Piping	5 days
52	Feedwater Piping	7 days
53	Condensate Piping	8 days
54	High Pressure Steam Piping	12 days



ID	Task Name	Duration
55	**Generators**	**8 days**
56	CT Generator	4 days
57	ST Generator	4 days
58	**Steam Turbine and Condenser**	**15 days**
59	Remove Steam Turbine	10 days
60	Remove Condenser Internals	5 days
61	**General Service Pumps**	**14 days**
62	Boiler Feed Pumps	5 days
63	Condensate Pumps	3 days
64	Turbine Cooling Water Pumps	2 days
65	General Service Pumps - Misc.	4 days
66	**Combustion Turbine**	**52 days**
67	Inlet Heater	3 days
68	Inlet duct	6 days
69	Exhaust duct	8 days
70	Combustion Turbine	16 days
71	Combustion Turbine Foundation	9 days
72	Enclosure	10 days



ID	Task Name	Duration
73	**Boiler Chemical Feed**	**4 days**
74	Chemical Feed tanks	4 days
75	**Condenser**	**17 days**
76	Condenser Air Extraction and Waterbox Priming System	4 days
77	Condenser External Parts	13 days
78	**HRSG**	**95 days**
79	Remove Boiler Tubes	30 days
80	Remove Boiler Ductwork Casing	20 days
81	Remove Boiler Steel	45 days
82	**Turbine Building**	**15 days**
83	Remove the Turbine Building	15 days
84	**Circulating Water and Turbine Cooling Water System**	**12 days**
85	Chemical Feed tanks	2 days
86	Excavate Collapse and Back Fill Circulation Water Piping	10 days
87	**CEMS**	**8 days**
88	CEMS Building	4 days
89	CEMS Building Foundation	4 days
90	**Stack**	**20 days**



ID	Task Name	Duration	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1
91	Stacks and By-Pass Damper	20 days										
92	**Post Dismantlement Activities**	**20 days**										
93	Post Dismantlement Activities	20 days										

SPEARVILLE WIND GENERATING STATION

SPEARVILLE WIND GENERATING STATION

The Spearville Wind Generating Station consists of 99 wind turbine generators.

Spearville Unit 1 has 67 wind turbines and an SPP-accredited rating of 100.5 MW. Spearville Unit 1 was placed in service in 2006. Spearville Unit 2 has 32 wind turbines and an SPP-accredited rating of 48 MW. Spearville Unit 2 was placed in service in 2010. The turbines are General Electric SLE rated at 1.5 MW each.

The following are the major systems and equipment that were included in the dismantlement of the units.

SPEARVILLE

1. Wind turbine generators.
2. Concrete foundations.
3. Roads.
4. Tower transformers.
5. Underground collection cables.

UNIT 1

Spearville 1 Retirement/Dismantlement[1]

Owner Costs				
Pre-Dismantlement Activities		$378,127		
Overhead During Dismantlement		$173,030		
Post-Dismantlement Activities		$34,755		
Owner Costs Total			$585,912	
Demolition General Contractor (DGC) Costs				
Dismantlement		$17,854,626		
DGC Insurance	2.00%	$357,093		
Contingency/Profit	15.00%	$2,731,758		
Performance Bond	2.00%	$418,870		
Contractor Costs Total:			$21,362,346	
Total:				$21,948,258
Owner Internal Costs:	5.00%			$1,097,413
Owner Contingency:	25.00%			$5,761,418
Spearville 1 Retirement/Dismantlement Opinion of Probable Cost:				$28,807,088
Spearville 1 Retirement/Dismantlement Opinion of Probable Cost minus ARO:				$16,274,266

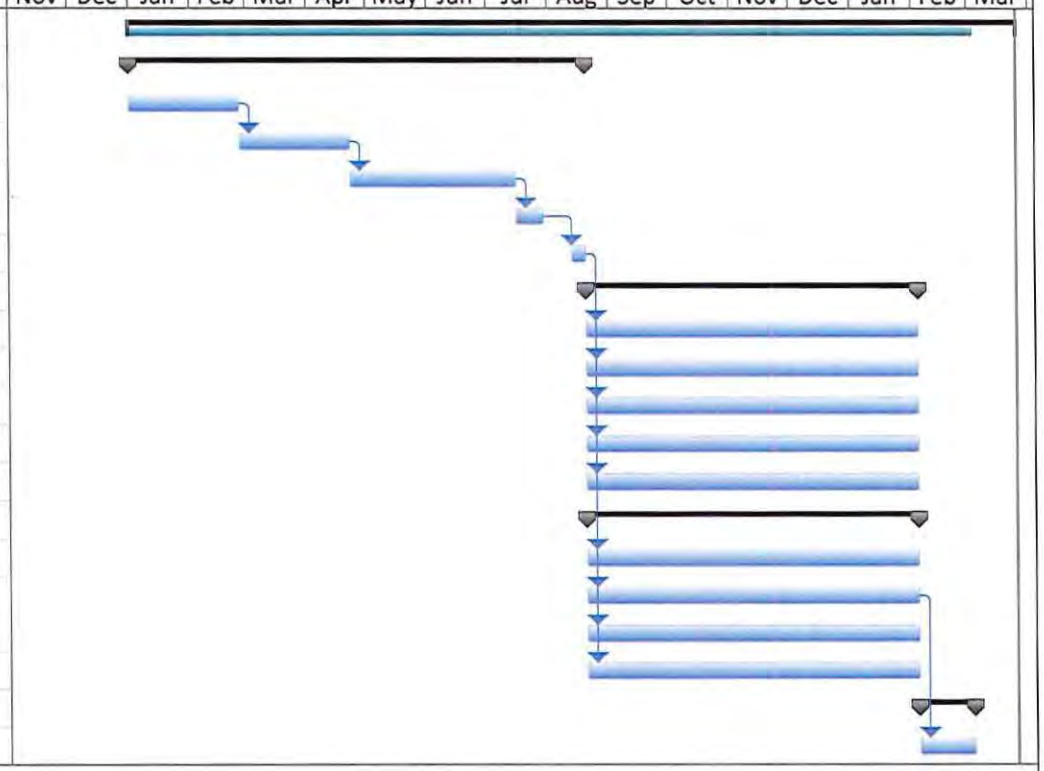
Activities Required by Permit or Regulation

Spearville 1 Wind Farm	$12,532,822	
Activities Required by Permit or Regulation		$12,532,822

(1) The Spearville Land Lease requires the wind turbines to be dismantled within 12 months of retirement.

ID	Task Name	Remaining	W
1	**Spearville 1 Dismantlement**	**$18,440,539.32**	
2	**Pre-Demolition Activities**	**$378,127.12**	
3	Detailed Planning & Hire Owner's Engineer	$52,258.88	
4	Detailed Site Characterization Study	$115,648.00	
5	Hire Demolition general Contractor	$198,647.04	
6	KCP&L Prepares Unit for Dismantlement	$11,573.20	
7	Demolition Contractor Mobilizes on Site	$0.00	
8	**KCP&L Overhead during Dismantlement**	**$173,030.40**	
9	KCP&L Project Manager	$15,774.72	
10	KCP&L Administrative Support	$5,834.88	
11	KCP&L Engineer	$64,828.80	
12	Owners Engineer Project Manager	$39,552.00	
13	Owners Engineer - Engineer	$47,040.00	
14	**Dismantlement Activities**	**$17,854,626.60**	
15	Dismantlement Minus Freight	$5,635,873.00	
16	Dismantlement Freight	$8,830,920.00	
17	Cut Turbine Blades for Scrap Shipment	$626,457.60	
18	Blade Landfill Cost	$2,761,376.00	
19	**Post Dismantlement Activities**	**$34,755.20**	
20	Post Dismantlement Activities	$34,755.20	

ID	Task Name	Duration
1	**Spearville 1 Dismantlement**	**321 days**
2	**Pre-Demolition Activities**	**165 days**
3	Detailed Planning & Hire Owner's Engineer	2 mons
4	Detailed Site Characterization Study	2 mons
5	Hire Demolition general Contractor	3 mons
6	KCP&L Prepares Unit for Dismantlement	2 wks
7	Demolition Contractor Mobilizes on Site	5 days
8	**KCP&L Overhead during Dismantlement**	**120 days**
9	KCP&L Project Manager	120 days
10	KCP&L Administrative Support	120 days
11	KCP&L Engineer	120 days
12	Owners Engineer Project Manager	120 days
13	Owners Engineer - Engineer	120 days
14	**Dismantlement Activities**	**120 days**
15	Dismantlement Minus Freight	120 days
16	Dismantlement Freight	120 days
17	Cut Turbine Blades for Scrap Shipment	120 days
18	Blade Landfill Cost	120 days
19	**Post Dismantlement Activities**	**20 days**
20	Post Dismantlement Activities	20 days



UNIT 2

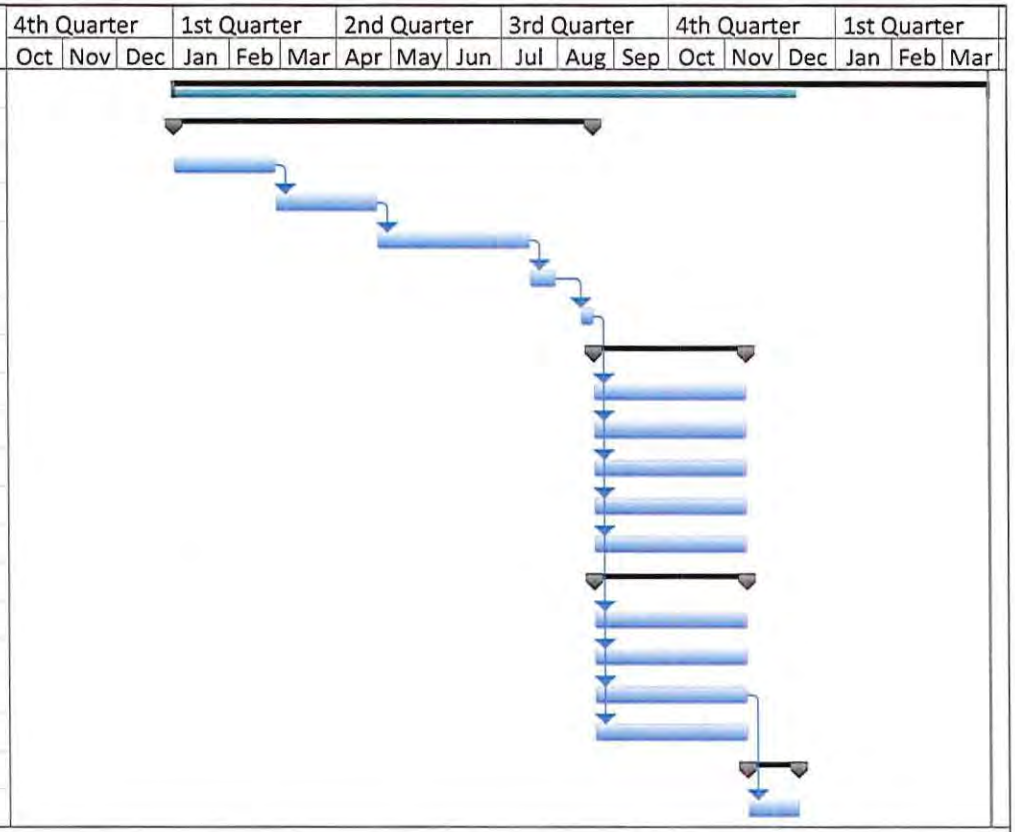
Spearville 2 Retirement/Dismantlement[1]

Owner Costs				
Pre-Dismantlement Activities		$378,127		
Overhead During Dismantlement		$86,515		
Post-Dismantlement Activities		$34,755		
Owner Costs Total			$499,397	
Demolition General Contractor (DGC) Costs				
Dismantlement		$8,248,518		
DGC Insurance	2.00%	$164,970		
Contingency/Profit	15.00%	$1,262,023		
Performance Bond	2.00%	$193,510		
Contractor Costs Total:			$9,869,022	
Total:				$10,368,419
Owner Internal Costs:	5.00%			$518,421
Owner Contingency:	25.00%			$2,721,710
Spearville 2 Dismantlement Opinion of Probable Cost:				$13,608,549
Spearville 1 Retirement/Dismantlement Opinion of Probable Cost minus ARO:				$8,238,655
Activities Required by Permit or Regulation				
Spearville 2 Wind Farm		$5,369,894		
Activities Required by Permit or Regulation				$5,369,894

(1) The Spearville Land Lease requires the wind turbines to be dismantled within 12 months of retirement.

ID	Task Name	Remaining	W
1	**Spearville 2 Dismantlement**	**$8,747,915.32**	
2	**Pre-Demolition Activities**	**$378,127.12**	
3	Detailed Planning & Hire Owner's Engineer	$52,258.88	
4	Detailed Site Characterization Study	$115,648.00	
5	Hire Demolition general Contractor	$198,647.04	
6	KCP&L Prepares Unit for Dismantlement	$11,573.20	
7	Demolition Contractor Mobilizes on Sit	$0.00	
8	**KCP&L Overhead during Dismantlement**	**$86,515.20**	
9	KCP&L Project Manager	$7,887.36	
10	KCP&L Administrative Support	$2,917.44	
11	KCP&L Engineer	$32,414.40	
12	Owners Engineer Project Manager	$19,776.00	
13	Owners Engineer - Engineer	$23,520.00	
14	**Dismantlement**	**$8,248,517.80**	
15	Dismantlement Minus Freight	$4,350,887.00	
16	Dismantlement Freight	$2,273,222.00	
17	Cut Turbine Blades for Scrap Shipment	$313,228.80	
18	Blade Landfill Cost	$1,311,180.00	
19	**Post Dismantlement Activities**	**$34,755.20**	
20	Post Dismantlement Activities	$34,755.20	

ID	Task Name	Duration
1	**Spearville 2 Dismantlement**	**321 days**
2	**Pre-Demolition Activities**	**165 days**
3	Detailed Planning & Hire Owner's Engineer	2 mons
4	Detailed Site Characterization Study	2 mons
5	Hire Demolition general Contractor	3 mons
6	KCP&L Prepares Unit for Dismantlement	2 wks
7	Demolition Contractor Mobilizes on Sit	5 days
8	**KCP&L Overhead during Dismantlement**	**60 days**
9	KCP&L Project Manager	60 days
10	KCP&L Administrative Support	60 days
11	KCP&L Engineer	60 days
12	Owners Engineer Project Manager	60 days
13	Owners Engineer - Engineer	60 days
14	**Dismantlement**	**60 days**
15	Dismantlement Minus Freight	60 days
16	Dismantlement Freight	60 days
17	Cut Turbine Blades for Scrap Shipment	60 days
18	Blade Landfill Cost	60 days
19	**Post Dismantlement Activities**	**20 days**
20	Post Dismantlement Activities	20 days



APPENDIX B

OPINION OF COSTS FOR SCRAP

OPINIONS OF SCRAP VALUES

The opinion of scrap value was based on a scrap value of:

1. Mixed Scrap: $185.00/MT.
2. Insulated Cables: $1.57/lb.
3. Motors: $0.15/lb.

These scrap values were taken from www.scrapmonster.com. This website is an industry-recognized source of scrap information that provides daily scrap pricing for the worldwide scrap market.

Attached is a spreadsheet that was developed from the quantities used to build Iatan Unit 1 to calculate the current scrap value of Iatan Unit 1 value rates. Per the attached spreadsheet:

1. Iatan Unit 1 Scrap Value: $4,660,000.

The AACE International Capacity Factor Method was used to estimate the scrap value of the other coal-fired units. The capacity factor method is based on the following calculation:

UnitA(scrap value)=Iatan1(scrap value)*(CapacityUnitA/CapacityIatan1)^e

Where:

1. UnitA(scrap value) = Unit A Scrap Value.
2. Iatan1(scrap value)= Iatan Unit 1 Scrap Value: $4,660,000.
3. CapacityUnitA = Capacity of Unit A.
4. CapacityIatan1 = Capacity of Iatan Unit 1: 705 MW.
5. e = Proration Factor: 0.6 per the AACE guidelines.

Therefore, the scrap value of the other coal-fired power plants are as follows:

MONTROSE UNIT 1

1. Capacity A = 170 MW.
2. Scrap Value = $1,985,000.

MONTROSE UNIT 2

1. Capacity A = 164 MW.
2. Scrap Value = $1,943,000.

MONTROSE UNIT 3

1. Capacity A = 176 MW.
2. Scrap Value = $2,027,000.

HAWTHORN UNIT 5

1. Capacity A = 564 MW.
2. Scrap Value = $4,076,000.

LA CYGNE UNIT 1

1. Capacity A = 735 MW.
2. Scrap Value = $4,788,000.

LA CYGNE UNIT 2

1. Capacity A = 686 MW.
2. Scrap Value = $4,584,000.

IATAN UNIT 2

1. Capacity A = 881 MW.
2. Scrap Value = $5,327,000.

The value of the common portion of these facilities was estimated at approximately 12-percent of the combined scrap values of the units on site.

Therefore:

1. Montrose Common: Scrap Value = $714,600.
2. Hawthorn Common: Scrap Value = $489,000.
3. La Cygne Common: Scrap Value = $1,123,000.
4. Iatan Common: Scrap Value = $1,198,000.

The scrap value of the combustion turbines was calculated based on the following scrap weights:

1. Combustion Turbine: 250,000 lbs.
2. Generator: 280,000 lbs.
3. Total: 530,000 lbs.
4. Scrap Value (for One Combustion Turbine):
   (530,000 lbs/2204.6 lbs/ton) * $185/MT: = $44,500

Therefore:

NORTHEAST

1. (Eight combustion turbines)*$44,500/CT: Scrap Value = $356,000.

HAWTHORN UNITS 7 AND 8

1. (Two combustion turbines)*$44,500/CT: Scrap Value = $89,000.

WEST GARDNER

1. (Four combustion turbines)*$44,500/CT: Scrap Value = $178,000.

OSAWATOMIE

1. (One combustion turbine)*$44,500/CT Scrap Value = $44,500.

The scrap value of Hawthorn Units 6 and 9 was calculated in two parts: the scrap value of the CT (Hawthorn Unit 6) and the scrap value of the steam turbine plant (Hawthorn Unit 9):

HAWTHORN UNIT 6

1. (One combustion turbine)*$44,500/CT: Scrap Value=$44,500.

HAWTHORN UNIT 9

1. Capacity A = 62 MW: Scrap Value = 1,105,000.

Total Hawthorn Units 6 and 9 Scrap Value: $1,150,000.

SPEARVILLE

Scrap Value Per Turbine			
Tower - 281,275 lbs. steel			
Gearbox - 40,000 lbs. steel			
Total Steel - 321,275 lbs.			
Scrap Value: (321,275lb./2,204.6 lbs.ton)*185/MT =	$	27,0000	
Generator - 18,000 lbs.			
Scrap Value: (18,000 lb.)(0.37/lb) =	$	2,700	
Total Scrap Value Per Turbine =			$ 29,700
Scrap Value of Units 1 and 2 Collection Cable =			$ 546,000
Spearville 1 Scrap Value			
(67 turbines)(29,700/turbine) + (546,000)(67/99) =			$ 2,359,000
Spearville 2 Scrap Value			
(32 turbines)(29,700/turbine) + (546,000)(32/99) =			$ 1,127,000

Iatan Unit 1 Materials from the Final Construction Report																
Mixed Scrap Steel -																
Structural Steel -				11085	Tons					11085	tons					
Handrail -				32647	linear feet		3.65	lbs/ft		60	tons					
Grating -				168244	square feet		10	lbs/ft^2		841						
Coal Silos				285	Tons					285	tons					
Fabricated Pipe 2.5" and Largor	Pipe (linear feet)															
Main Steam	911		28"	424	lbs/ft					193.132	tons					
Hot Reheat	1412		36"	552	lbs/ft					389.712	tons					
Cold Reheat	1173		36"	552	lbs/ft					323.748	tons					
High Pressure Extraction	1400	Assume	6"	28.57	lbs/ft					19.999	tons					
Boiler Safety Valve Vents	1022	Assume	6"	28.57	lbs/ft					14.59927	tons					
Auxiliary Steam	2269	Assume	6"	28.57	lbs/ft					32.412665	tons					
Boiler Vents and Drains	1019	Assume	6"	28.57	lbs/ft					14.556415	tons					
Soot Blower Piping	1729	Assume	6"	28.57	lbs/ft					24.698765	tons					
Temporary Blowout	796	Assume	6"	28.57	lbs/ft					11.37086	tons					
Low Pressure Extraction	902	Assume	6"	28.57	lbs/ft					12.88507	tons					
Turbine Seal and Drains	1085	Assume	6"	28.57	lbs/ft					15.499225	tons					
BFPT Exhaust	25	Assume	6"	28.57	lbs/ft					0.357125	tons					
Boiler Feed Discharge	615	Assume	6"	28.57	lbs/ft					8.785275	tons					
BFP Recirc and Desuper Heat	2556	Assume	6"	28.57	lbs/ft					36.51246	tons					
Boiler Feed Suction	414	Assume	6"	28.57	lbs/ft					5.91399	tons					
Condensate	3901	Assume	6"	28.57	lbs/ft					55.725785	tons					
Air Preheater Piping	5634	Assume	6"	28.57	lbs/ft					80.48169	tons					
Heater Vents and Drains	2013	Assume	6"	28.57	lbs/ft					28.755705	tons					
Heater Drips	2717	Assume	6"	28.57	lbs/ft					38.812345	tons					
Water Pretreatment Piping	221	Assume	6"	28.57	lbs/ft					3.156985	tons					
Chemical Feed	85	Assume	6"	28.57	lbs/ft					1.214225	tons					
Make-Up Water	3924	Assume	6"	28.57	lbs/ft					56.05434	tons					
Ash Sluice Water	6510	Assume	6"	28.57	lbs/ft					92.99535	tons					
Chemical Clean	4892	Assume	6"	28.57	lbs/ft					69.88222	tons					
Nitrogen	918	Assume	6"	28.57	lbs/ft					13.11363	tons					
Auxiliary Cooling Water	6462	Assume	6"	28.57	lbs/ft					92.30967	tons					
Extraction Traps and Drains	1279	Assume	6"	28.57	lbs/ft					18.270515	tons					
Condenser Air Extraction	276	Assume	6"	28.57	lbs/ft					3.94266	tons					
Fuel Oil System	804	Assume	6"	28.57	lbs/ft					11.48514	tons					
Fire Protection System	4017	Assume	6"	28.57	lbs/ft					57.382845	tons					
Service Water	5022	Assume	6"	28.57	lbs/ft					71.73927	tons					
Generator Auxiliaries	196	Assume	6"	28.57	lbs/ft					2.79986	tons					
Turbine Lube Oil	925	Assume	6"	28.57	lbs/ft					13.213625	tons					
Waste Water		Assume	6"	28.57	lbs/ft					0	tons					
Compressed Air System	12255	Assume	6"	28.57	lbs/ft					175.052675	tons					
Building Heating	5438	Assume	6"	28.57	lbs/ft					77.68183	tons					
Screen Wash	98	Assume	6"	28.57	lbs/ft					1.39993	tons					
Bottom Ash Overflow	1032	Assume	6"	28.57	lbs/ft					14.74212	tons					
Fly Ash Disposal	4099	Assume	6"	28.57	lbs/ft					58.554215	tons					
Ash Storage	1313	Assume	6"	28.57	lbs/ft					18.756205	tons					
BFP Seal		Assume	6"	28.57	lbs/ft					0	tons					
Equipment Drains	447	Assume	6"	28.57	lbs/ft					6.385395	tons					
Piping Provided With Equipment	Linear Feet															
Turbine Generator																
Stator Cooling Water	1072	Assume	8"	43.4	lbs/ft					23.2624	tons					
Lube and Seal Oil	1293	Assume	8"	43.4	lbs/ft					28.0581	tons					
Steam Seal	1700	Assume	8"	43.4	lbs/ft					36.89	tons					
ECH	2000	Assume	8"	43.4	lbs/ft					43.4	tons					
Hydrogen	1735	Assume	8"	43.4	lbs/ft					37.6495	tons					
Main Steam Leads	322	Assume	8"	43.4	lbs/ft					6.9874	tons					
Crossover Pipe	90	Assume	8"	43.4	lbs/ft					1.953	tons					

Control Valve Leakoff	237	Assume	8"	43.4	lbs/ft	5.1429	tons
Steam- Generator		Assume	8"	43.4	lbs/ft	0	tons
Coal Burner	10937	Assume	8"	43.4	lbs/ft	237.3329	tons
Soot Blower	8402	Assume	8"	43.4	lbs/ft	182.3234	tons
Boiler Vents and Drains	4870	Assume	8"	43.4	lbs/ft	105.679	tons
Seal Air	5150	Assume	8"	43.4	lbs/ft	111.755	tons
Start-up Bypass	0	Assume	8"	43.4	lbs/ft	0	tons
Igniter Oil	3702	Assume	8"	43.4	lbs/ft	80.3334	tons
Economizer Connection Pipe	481	Assume	8"	43.4	lbs/ft	10.4377	tons
Ash Handling System		Assume	8"	43.4	lbs/ft	0	tons
Bottom Ash Disposal	3095	Assume	8"	43.4	lbs/ft	67.1615	tons
Pyrites Discharge	939	Assume	8"	43.4	lbs/ft	20.3763	tons
Economizer and Gas Recirc Fly Ash	474	Assume	8"	43.4	lbs/ft	10.2858	tons
Precipitator Fly Ash	4442	Assume	8"	43.4	lbs/ft	96.3914	tons
2' and Under Piping	Linear Feet						
High Pressure Extraction	120	Assume	1"	2.17	lbs/ft	0.1302	tons
Boiler Safety Valve Vents	648	Assume	1"	2.17	lbs/ft	0.70308	tons
Auxiliary Steam	1966	Assume	1"	2.17	lbs/ft	2.13311	tons
Boiler Vents and Drains	2616	Assume	1"	2.17	lbs/ft	2.83836	tons
Soot Blower	545	Assume	1"	2.17	lbs/ft	0.591325	tons
Low Pressure Extraction	105	Assume	1"	2.17	lbs/ft	0.113925	tons
Turbine Seals and Drains	1741	Assume	1"	2.17	lbs/ft	1.888985	tons
Condensate	481	Assume	1"	2.17	lbs/ft	0.521885	tons
Air Preheater	1011	Assume	1"	2.17	lbs/ft	1.096935	tons
Heater Vents and Drains	1845	Assume	1"	2.17	lbs/ft	2.001825	tons
Heater Drips	412	Assume	1"	2.17	lbs/ft	0.44702	tons
Water Pretreatment	895	Assume	1"	2.17	lbs/ft	0.971075	tons
Chemical Feed	3518	Assume	1"	2.17	lbs/ft	3.81703	tons
Make-up Water	2410	Assume	1"	2.17	lbs/ft	2.61485	tons
Ash Sluice Water	324	Assume	1"	2.17	lbs/ft	0.35154	tons
Nitrogen	1340	Assume	1"	2.17	lbs/ft	1.4539	tons
Auxiliary Steam	4500	Assume	1"	2.17	lbs/ft	4.8825	tons
Cooling Water	1398	Assume	1"	2.17	lbs/ft	1.51683	tons
Extraction Traps and Drains	309	Assume	1"	2.17	lbs/ft	0.335265	tons
Fuel oil System	200	Assume	1"	2.17	lbs/ft	0.217	tons
Service Water	778	Assume	1"	2.17	lbs/ft	0.84413	tons
Generator Auxiliaries	4595	Assume	1"	2.17	lbs/ft	4.985575	tons
Turbine Lube Oil	765	Assume	1"	2.17	lbs/ft	0.830025	tons
Coal Handling Equipment Hydraulic Oil System	492	Assume	1"	2.17	lbs/ft	0.53382	tons
Compressed Air	400	Assume	1"	2.17	lbs/ft	0.434	tons
Building Heating	24000	Assume	1"	2.17	lbs/ft	26.04	tons
Screen Wash	7149	Assume	1"	2.17	lbs/ft	7.756665	tons
Miscellaneous Boiler Feedwater		Assume	1"	2.17	lbs/ft	0	tons
Sampling System	439	Assume	1"	2.17	lbs/ft	0.476315	tons
Equipment Drains	426	Assume	1"	2.17	lbs/ft	0.46221	tons
Fly Ash Disposal	6125	Assume	1"	2.17	lbs/ft	6.645625	tons
Sump Pump	62	Assume	1"	2.17	lbs/ft	0.06727	tons
Chemical Clean	68	Assume	1"	2.17	lbs/ft	0.07378	tons
Precipitator							
Precipitator	tons	2,635				2,635	tons
Inlet Duct	tons	741				741	tons
Outlet Duct	tons	615				615	tons
Breeching Duct	tons	225				225	tons
Fly Ash Silo Steel Plat	square feet	12,409		10.2	lbs/ft^2	63.2859	tons
Boiler							
Duct	tons	1,750				1750	tons
Casing	square feet	62,000		10.2	lbs/ft^2	316.2	tons
steam drum	tons	400				400	tons
Boiler	tons	9,800				9800	tons

Air preheaters													
Primary	tons	536						536	tons				
Secondary	tons	832						832	tons				
Mixed Scrap Steel Total								33536	tons	@	324	$/GT	$10,865,529
Motors	lbs							91943	lbs	@	0.41	$/lb	$37,696.63
Cable													
6.9 KV	Linear Feet	115,300		795	lb/1000 ft			91663.5	lbs				
480V,120V AC and 125V DC	Linear Feet	333,000		548	lb/1000 ft			182484	lbs				
Control	Linear Feet	200,200		141	lb/1000 ft			28228.2	lbs				
Thermocouple and Instrument	Linear Feet	557,000		102	lb/1000 ft			56814	lbs				
Communication	Linear Feet	40,000		102	lb/1000 ft			4080	lbs				
Cable Totals								363270	lbs	@	1.65	$/lb	$599,395
				Total Opinion of Scrap Value for Iatan 1 and Iatan 1 Common*									$11,502,620
					* Common at the time that Iatan Unit 1 was built.								
Assume that 25% of the quantities above are "common facilities"; therefore, the scrap value of Iatan Unit 1 is:					$8,500,000								

APPENDIX C

REFERENCE DOCUMENTS

REFERENCE DOCUMENTS

1. *Decommissioning Handbook for Coal-Fired Power Plants*, EPRI, Palo Alto, CA: 2004. (1011220)

2. *Decommissioning Process for Fossil-Fueled Power Plants*, EPRI, Palo Alto, CA: 2010. (1020652)

3. Association for the Advancement of Cost Estimating (AACE) International, *Skills and Knowledge of Cost Engineering*, 5th Edition, 2004.

4. Combustion Fossil Power, Fourth Edition, 1991.

5. Steam Its Generation and Use, 40th Edition, 1992.

6. Daniel International Corporation, La Cygne Station - Unit 2, Weekly Progress Report No. 175, October 1, 1976.

7. Black & Veatch, Iatan Steam Generating Station Monthly Progress Report, November 1979.

APPENDIX D

ARO - PERMIT SUMMARY

ARO Permit Summary

				Basis of Requirement
Montrose	Common	$23,869,916		
	Montrose Fuel Oil Tank Removal		$264,743	Missouri Regulation 10 CSR 26-5.020 Release Reporting and Initial Release Response Measures
	Montrose Wastewater Lagoon Removal		$127,520	10 CSR 20-6.010(12) Closure of Treatment Facilities and 10 CSR 20-6.015 No-Discharge Permits (5) Closure of Waste Storage Structures
	Montrose Landfill Closure		$2,329,000	Disposal of Coal Combustion Residuals from Electric Utilities final rule on December 19, 2014,
	Montrose Landfill Post Closure		$1,874,330	Disposal of Coal Combustion Residuals from Electric Utilities final rule on December 19, 2014,
	Montrose Ash Pond(s)		$274,742	Disposal of Coal Combustion Residuals from Electric Utilities final rule on December 19, 2014,
	Montrose Station Asbestos Removal (total plant)		$18,999,581	EPA – 40 CFR Part 61 Subpart M Missouri – Missouri Air Conservation Law Sections 643.225 – 643.250 of the Revised Statutes of Missouri Kansas – Kansas Statutes Annotated Chapter 65, Article 53
Hawthorn				
	Unit 5	$1,271,750		
	Hawthorn 5 Intake Equip, Intake Structures, Levee piping Removal		$1,271,750	US Army Corps of Engineers Section 10 Permit - Rivers & Harbor Act of March 3, 1899
	Common	$19,014,090		
	Hawthorn Ash Pond(s)		$7,840,251	Disposal of Coal Combustion Residuals from Electric Utilities final rule on December 19, 2014,
	Hawthorn Asbestos Removal		$11,173,839	EPA – 40 CFR Part 61 Subpart M Missouri – Missouri Air Conservation Law Sections 643.225 – 643.250 of the Revised Statutes of Missouri Kansas – Kansas Statutes Annotated Chapter 65, Article 53
La Cygne	Common	$93,864,399		
	La Cygne Wastewater Lagoon Removal		$226,058	28-16-173. Municipal, commercial and industrial wastewater lagoons: closure requirements
	La Cygne Landfill - Closure (total plant)		$9,954,062	Disposal of Coal Combustion Residuals from Electric Utilities final rule on December 19, 2014,
	La Cygne Landfill - Post Closure (total plant)		$6,162,607	Disposal of Coal Combustion Residuals from Electric Utilities final rule on December 19, 2014,
	La Cygne Ash Pond(s)- Closure (total plant)		$61,277,411	Disposal of Coal Combustion Residuals from Electric Utilities final rule on December 19, 2014,
	La Cygne Ash Pond(s) - Post Closure (total plant)		$10,300,356	Disposal of Coal Combustion Residuals from Electric Utilities final rule on December 19, 2014,
	La Cygne Station Asbestos Removal (total plant)		$5,943,906	EPA – 40 CFR Part 61 Subpart M Missouri – Missouri Air Conservation Law Sections 643.225 – 643.250 of the Revised Statutes of Missouri Kansas – Kansas Statutes Annotated Chapter 65, Article 53
Iatan	Common	$41,291,803		
	Iatan Intake Equip and Intake Structures Removal (total plant)		$395,036	Missouri Regulation 10 CSR 26-5.020 Release Reporting and Initial Release Response Measures
	Iatan Fuel Storage (total plant)		$191,130	Missouri Regulation 10 CSR 26-5.020 Release Reporting and Initial Release Response Measures
	Iatan Oil Storage (total plant)		$53,766	Solid Waste Operating Permit No. 0916501
	Iatan Landfill Retirement (total plant)		$3,415,033	Disposal of Coal Combustion Residuals from Electric Utilities final rule on December 19, 2014,
	Iatan Ash Pond(s) (total plant)		$37,236,839	Disposal of Coal Combustion Residuals from Electric Utilities final rule on December 19, 2014,
Northeast	Common	$553,553		
	Northeast Fuel Oil Tank Removal		$553,553	Missouri Regulation 10 CSR 26-5.020 Release Reporting and Initial Release Response Measures
Hawthorn	6 & 9	$679,931		
	Hawthorn 9 Intake Removal		$679,931	US Army Corps of Engineers Section 10 Permit - Rivers & Harbor Act of March 3, 1899
Spearville	Unit 1	$12,532,822		Spearville Wind Project Decommissioning Agreement dated June 21, 2006
	Unit 2	$5,396,894		Spearville 2 Wind Project Decommissioning Agreement dated August 24, 2010