APPENDIX E - Amendment No. 1

Scope of Work - CEA 2080

07 - Foundations

For Elevator Pit (Reinforced Concrete) 150 cu.ft.

08 - Supports, Platforms and Structures

Equipment Support For Item 152	6 tons
Grating Requirement For Item 152	225 sq.ft.
Handrails	60 ft.
Toeplate	60 ft.
Stair Requirement	One Stairway For One Level

11 - Piping

Item	Service	Material	Size	Rmks.	Length	Insul.	Valves
1-152	Charge	C.S.	3"X4"	Jacketed	125 Ft.	2"	1 - Jctd.
	Charge	C.S.	2"X3"	Jacketed	125 Ft.	2"	1 - Jctd.
	Therminol	C.S.	1½"	-	200 Ft.	1½"	2 - FA5
	Vent	C.S.	3"X4"	Jacketed	30 Ft.	-	-
	Overflow	C.S.	3"X4"	Jacketed	30 Ft.	1½"	-
	Outlet	C.S.	2"X3"	Jacketed	50 Ft.	1½"	1 - Jctd.

12 - Ductwork

A 6 ft. X 8 ft. X 10 ft. hopper will be required under the new flaker.

13 - Electrical

Use PVC coated conduit.

19 - Insulation

Item	Area	Thickness
1-152	320 ft^2	2"

90 - Dismantling

A section of floor in Building 27 - Area 400 ft^2 for 1268 flaker.

0612371

TOWOLDMON0048673

92 - Repairs Expense

5. Repair or replace section of floor at new 1268 flaker.

93 - Relocation and Modification Expense

Remove Item (5) from original scope and replace with the following:

5. Relocate 18" I beam to south of control room. This beam is 40 ft. long and will be moved south approximately one foot.

6. Relocate 2 - 6" IPS tower water lines to south of control room - Total feet = 100.

7. Relocate miscellaneous 2" IPS pipe to south of control room - Total feet = 100.

TOWOLDMON0048674

APPENDIX E - Amendment No. 2

Scope of Work - CEA 2080

This amendment describes the work required to install a power pulverizer to grind flakes of Aroclor 1268. It includes a mill, conveying duct to dust collector, air lock to discharge material into fiber containers and a dust collector with blower. Instruments will be required at the dust collector.

03 - Setting and Testing Equipment

Pulverizer will be located under the flaker unit. The dust collector and pulverizer will be located on support steel.

08 - Supports, Platforms and Structures

Miscellaneous equipment supports, light steel 1 Ton

12 - Ductwork

Install 75 feet of 6 and 8" duct for blower and pulverizer.

11 - Piping

Install 100 feet of 1½" IPS piping to filter for air.

13 - Electrical

Motors to be installed and wired:

Number	Horsepower
1	10
1	5
1	¼

Conduit run to dust collector controls.

20 - Painting

Support steel with Std. #502 Epoxy System.

TOWOLDMON0048675

APPENDIX E - Amendment No. 3

Scope of Work - CEA 2080

22 - Spares

A pump, indentical to Item 1-134, is to be purchased and held as a spare in the storeroom. Item 1-134 is a special submerged pump, critical to the operation of the Aroclor plant, and is required to prevent losses due to pump failures.

Size	200 GPM
TDH	100 Feet
Make	Taber Heavy Duty

TOWOLDMON0048676

APPENDIX E - Amendment No. 4

Scope of Work - CEA 2080

07 - Foundations

For access to elevator

1 ft wide x 4 ft high x 40 ft	160 cu ft

Retaining wall at west end of manufacturing area

1 ft wide x 2 ft high x 25 ft	50 cu ft

Floor slab for elevator access

8 ft wide x 6" thick x 25 ft	100 cu ft

11 - Piping

300 ft of 2" lPS

200 lb steam line, insulated

13 - Electrical

Lighting for Control Room area

20 ft x 30 ft	600 ft^2

15 - Sewers

Add 25 ft of 4" permanite to existing 6" sewer in the HCl area.

90 - Dismantling

Remove existing elevator after new elevator is installed.

Dismantle 10 foundations in ground to north of Building 27:

Size: 4.5 ft x 13.5 ft x 1.25 ft thick

Dismantle 500 gallon jacketed tank with agitator at present 1268 flaker.

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93 - Relocation and Modification Expense

8. Relocate telephone lines to north of Building 27.

9. Relocate 100 ft of 2" lPS nitrogen line to north of Building 27.

10. - Relocate 50 ft of 2" process lines from new pipe bridge to north of Building 27--two lines.

11. Relocate steam tracers and trap discharge to new condensate pig.

12. Relocate 3" lPS gas line in control room area - 30 ft.

13. Relocate 4" cast iron vent from toilet.

14. Relocate stove, sink, refrigerator and water cooler into new control room.

15. Relocate stairway to third level of Building 27 to ejector operating level.

16. Relocate No. 3 Blower to No. 4 Still Blower Tank.

17. Add 20 ft of 10 inch duct to existing tar blow stack.

18. Relocate and modify stairway outside of Building 27 at NE corner which will interfere with elevator.

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