Union Carbide trial exhibit UC-2322: Plant Asbestos Repair Requirements Tables and Asbestos Repair Plan - 1985...
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Department		Day-to-Day Repair Needs		Winterization Requirements for 1984			Asbestos Repair Requirements			Total Needs	Current Allocated Staffing	Staffing Shortages	
												Total	Minus Absent
Name	Number	Eq People	Basis	Hrs Rqd	Basis	Eq People	Hrs Rqd	Basis	Eq People	Eq People	Eq People	Eq People	Eq People
Water Treating	003	0.1	1984 Act	60	Estimated	0.0	525	Estimated	0.2	0.3	0.1	0.2	0.0
Steam Plant	004	2.5	"	1226	"	0.8	9900	"	3.1	6.4	1.8	4.6	1.5
Utility Dist.	007	0.4	"	0	"	0.0	1000	"	0.3	0.7	0.3	0.4	0.1
Mixing	049	0.9	"	1224	"	0.8	380	"	0.1	1.8	0.6	1.2	1.1
Coal Island	064	2.6	"	5830	"	3.6	5400	"	1.7	7.9	1.9	6.0	4.3
Mainland	077	2.0	"	316	"	0.2	1350	"	0.4	2.6	1.4	1.2	0.8
PVA Rolls	082	0.7	"	204	"	0.1	750	"	0.2	1.0	0.5	0.5	0.3
Solution Wells	083	1.2	"	184	"	0.1	3600	"	1.1	2.4	0.9	1.5	0.4
Silicones II	103	5.7	"	2923	"	1.8	0	"	0.0	7.5	4.0	3.5	3.5
Polyols	106	3.6	"	2548	"	1.6	750	"	0.2	5.4	2.5	2.9	2.7
Spec Cat	113	1.3	"	48	"	0.0	5400	"	1.7	3.0	0.9	2.1	0.4
Spec Chem	115	0.8	"	0	"	0.0	1000	"	0.3	1.1	0.6	0.5	0.2
Middle Island	121	0.4	"	832	"	0.5	1900	"	0.6	1.5	0.3	1.2	0.6
Oxide Addns	169	3.1	"	3232	"	2.0	1200	"	0.4	5.5	2.2	3.3	2.9
Distribution	222/227	0.5	"	376	"	0.2	1800	"	0.6	1.3	0.4	0.9	0.3
Bulk Terminal	228/229	0.6	"	0	"	0.0	900	"	0.3	0.9	0.4	0.5	0.2
Maintenance	326	0.2	"	532	"	0.3	450	"	0.1	0.6	0.2	0.4	0.3
Misc	—	—	—	296	"	0.2	—	—	—	0.2	—	0.2	0.2
Total Plant		26.6		19,831		12.2	36,305		11.3	50.1	19	31.1	19.8
Adjust for 10% Overtime										45.6		26.6	15.3

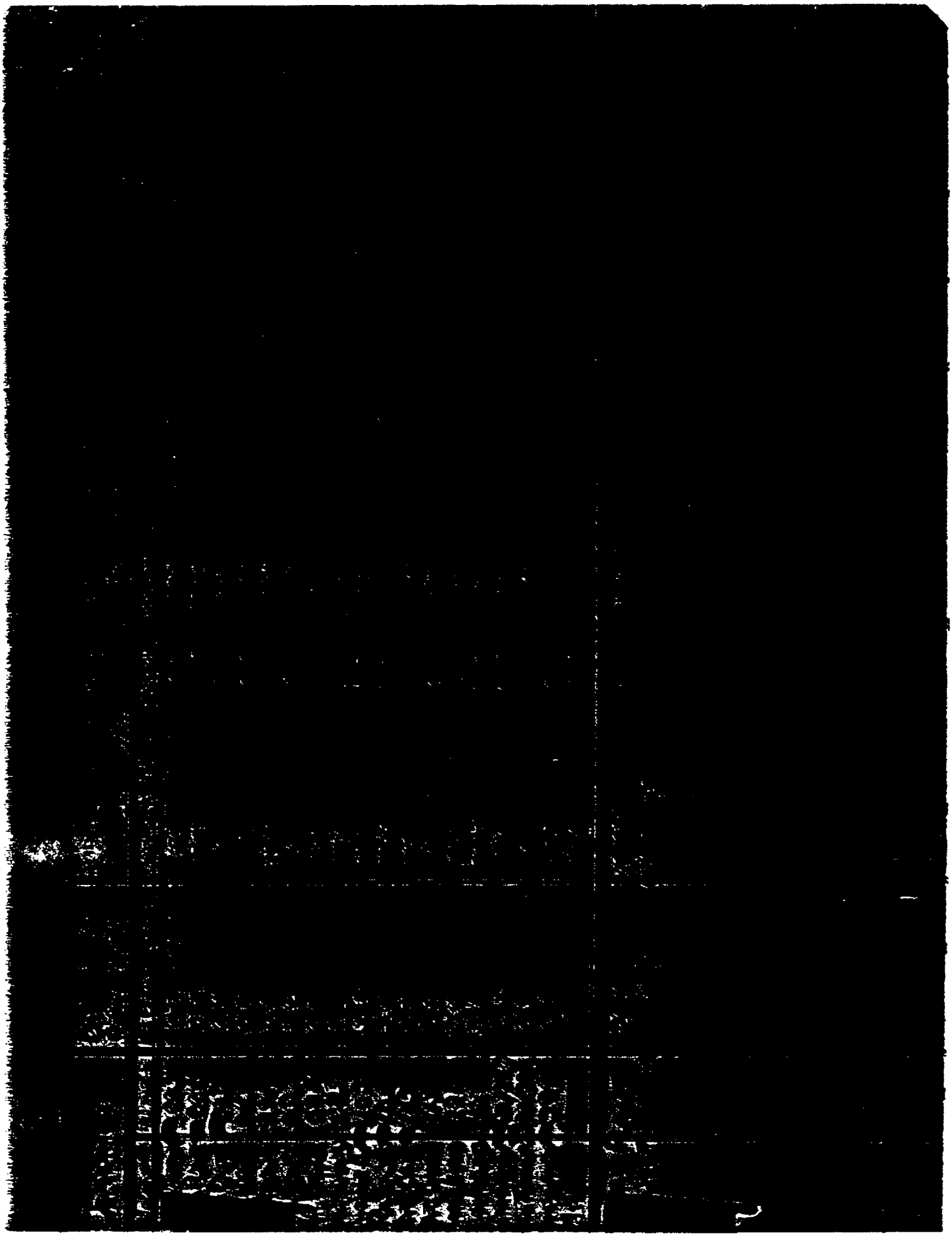
$90,000 Limit

UCC 003121

PLAINTIFF'S EXHIBIT
UC-2322

12/26/84
JRD

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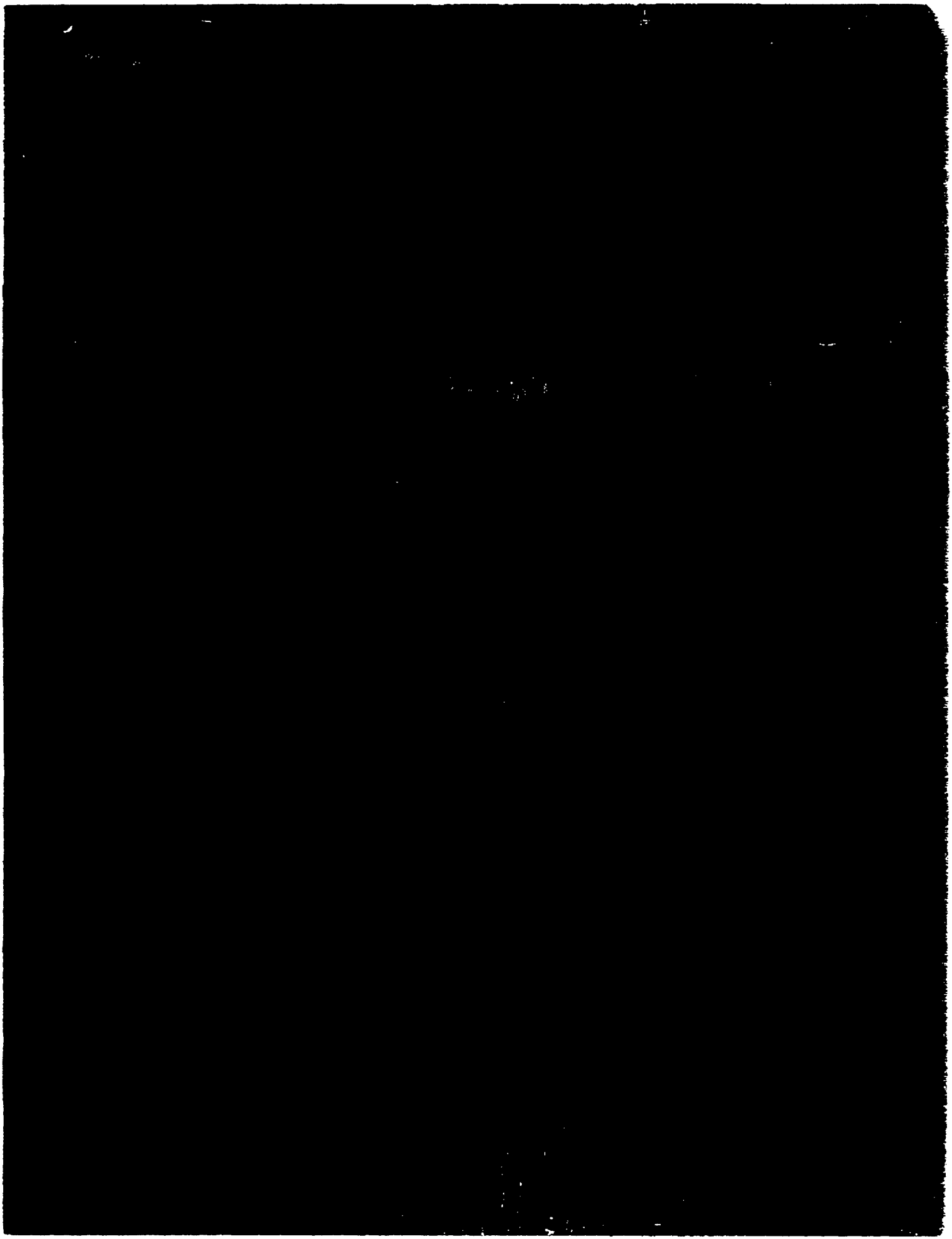
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ESTIMATE FOR ASBESTOS REQUIREMENTS

DEPARTMENT	ASBESTOS REPAIR REQUIREMENTS	ASBESTOS MAINTENANCE PER YEAR			ASBESTOS REMOVAL		
Name	Hrs. Req.	Hrs Req.	Hrs Req.	Mat'l $	Hrs Req.	Hrs Req.	Mat'l $
Water Treating	525	160	8	960	7,200	720	64,800
Steam Plant	9,900	640	32	3,840	21,600	3,240	194,400
Utility Dist.	1,000	640	32	3,840	90,000	9,000	810,000
Mixing	380	160	8	960	3,600	360	32,400
Upper Island	5,400	320	16	1,920	16,200	1,620	145,800
Mainland	1,350	160	8	960	5,400	540	48,600
PVA Resins	750	80	4	480	3,600	360	32,400
Solution Vinyls	3,600	560	28	3,360	14,400	1,440	129,600
Silicones II	0	0	-	-	0	0	0
Polyols	750	80	4	480	7,200	720	64,800
Specialty Cat.	5,400	320	16	1,920	10,800	1,080	97,200
Middle Island	1,900	160	8	960	10,800	1,080	97,200
Oxide Adducts	1,200	160	8	960	7,200	720	64,800
Distribution	1,800	240	12	1,440	7,200	720	64,800
Bulk Terminal	900	160	8	960	5,400	540	48,600
Maintenance	450	80	4	480	3,600	360	32,400
TOTAL PLANT	36,305	4,480	224	26,880	239,400	25,020	2,154,600

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ASBESTOS REPAIR PLAN - 1985

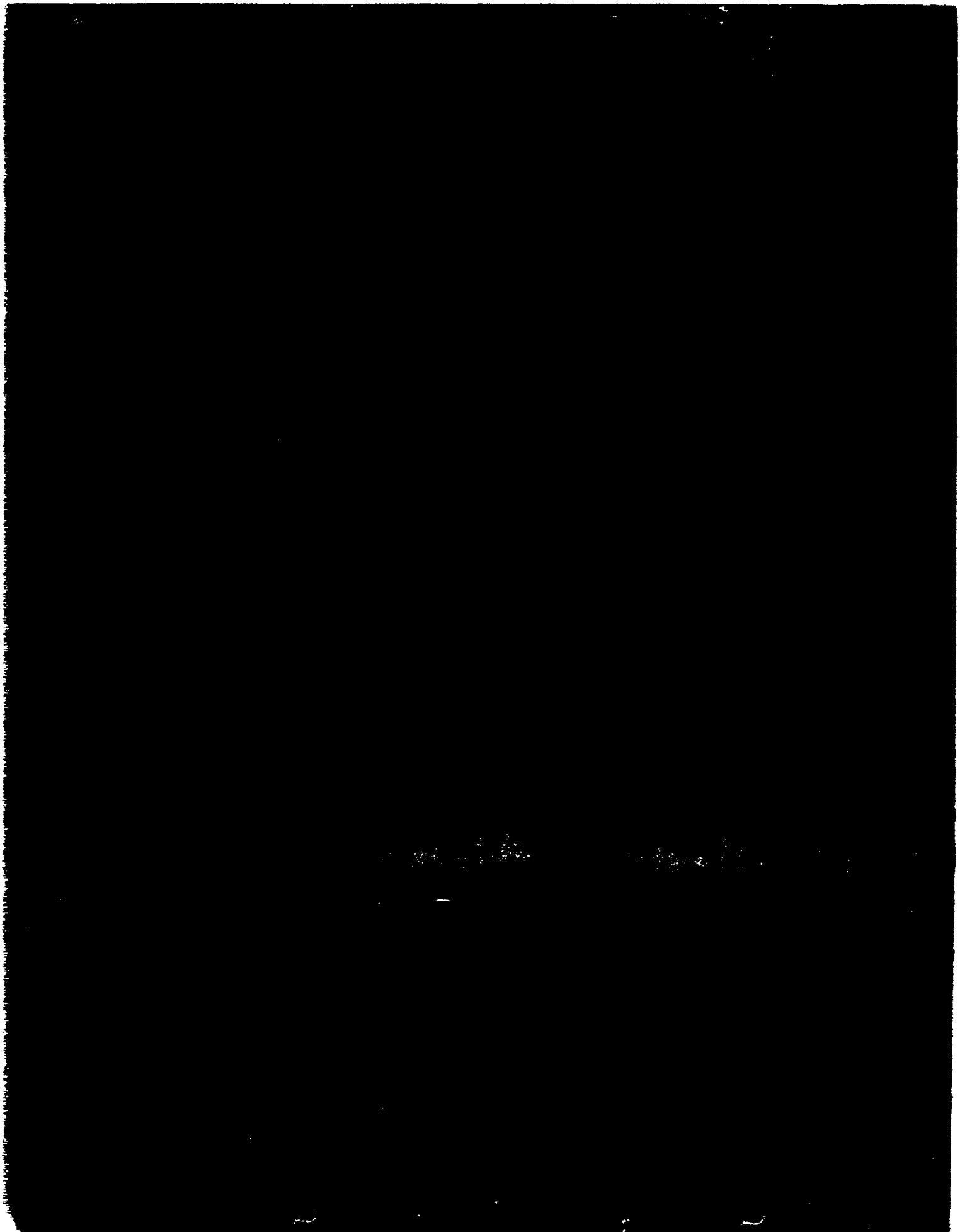
- CAPITAL PROJECT

- IRA BECKETT - PROJECT MANAGER

- PAUL WEST - DEPARTMENT CONTACT
  JERRY ROY

- ENERGY SYSTEMS
  POLYOLS
  SPECIALTY CATALYST

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ESTIMATE
FOR
ASBESTOS REQUIREMENTS

1-11-85

Department		Asbestos Maintenance Per Year				Asbestos Removal And/or Replacement			
Name	Number	IR Hrs Req	Support Hrs Req	Maint $	Basis	IR Hrs Req	Support Hrs Req	Maint $	Basis
Water Treating	003	160	8	$960	Est	7200	720	$64800	Est
Steam Plant	004	640	32	$3840	Est	21600	3240	$194400	Est
Utility Dist	007	640	32	$3840	Est	90000	9000	$810000	Est
Mixing	049	160	8	$960	Est	3600	360	$32400	Est
Upper Island	064	320	16	$1920	Est	16200	1620	$145800	Est
Mainland	077	160	8	$960	Est	5400	540	$48600	Est
PVA Resins	082	80	4	$480	Est	3600	360	$32400	Est
Solution Vinyls	083	560	28	$3360	Est	14400	1440	$129600	Est
Silicone A	103	0	—	—	Est	0	0	0	0
Polyols	106	80	4	$480	Est	7200	720	$64800	Est
Spec Cat	113	560	28	$3360	Est	21600	2160	$194400	Est
Spec Chem	115	320	16	$1920	Est	10800	1080	$97200	Est
Middle Island	121	160	8	$960	Est	10800	1080	$97200	Est
Oxide Adsorb	169	160	8	$960	Est	7200	720	$64800	Est
Distribution	222/227	240	12	$1440	Est	7200	720	$64800	Est
Bulk Terminals	228/229	160	8	$960	Est	5400	540	$48600	Est
Maintenance	326	80	4	$480	Est	3600	360	$32400	Est
Misc	—	—	—	—	—	3600	360	$32400	Est
Total	Plant	4480	224	$26880	Est	239400	25080	$2154600	Est

5,985,00 6258Ø

117,600

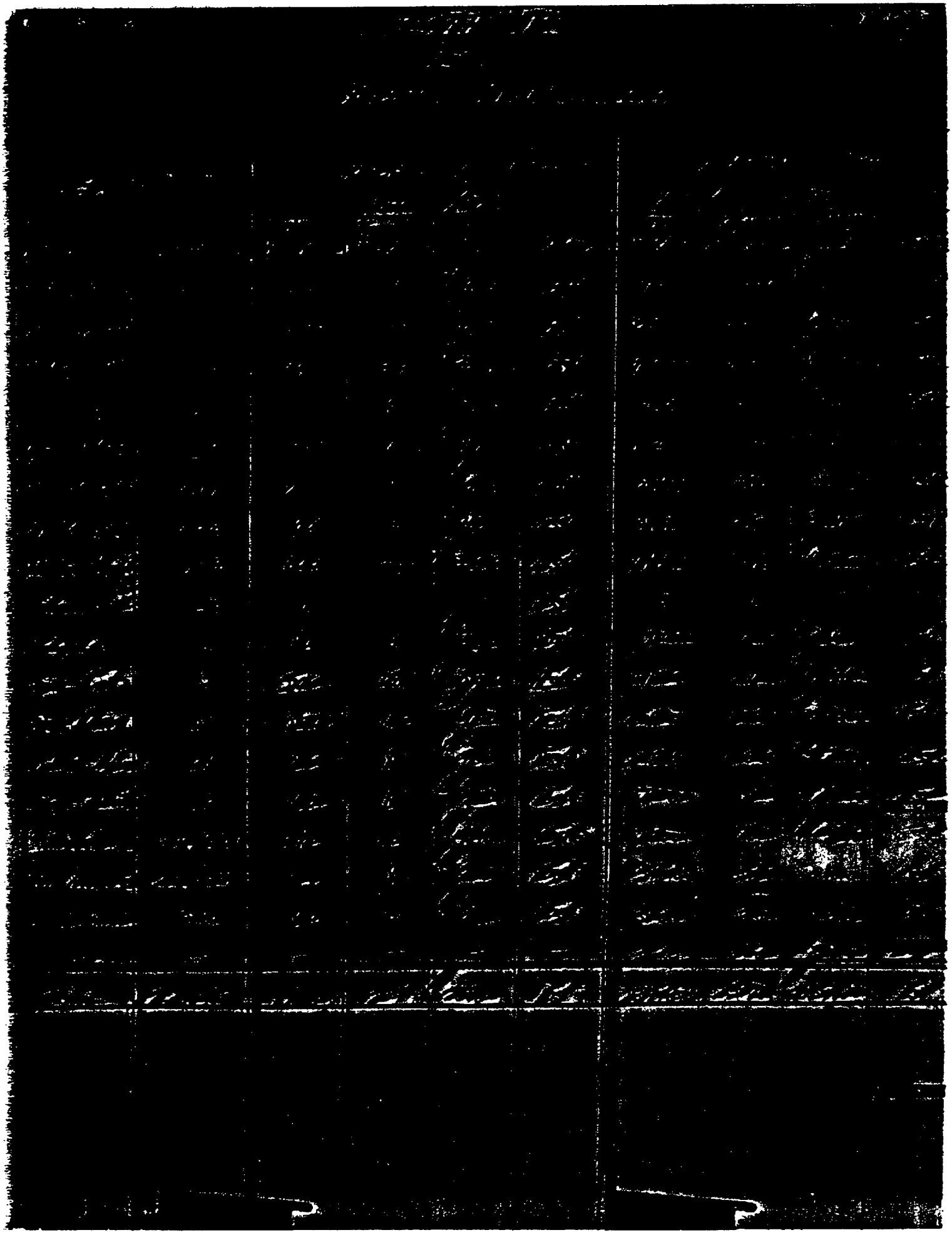
6,610,500

$114,490

8,769,100

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