Bar & Struct.

Base A

38	973,059.32
54	593,907.12

Tin & Carom

38	- 109 047.9
54	- 76 656.14

Bl Dn

38	2 141 315.66
54	1,613,845.59

R.

38	1,584 684.89
54	1,219,707.12

11377

U.SSE - Gary.

The Consent Decree requires USSC to install pollution abatement facilities in accord with a compliance schedule.

The facilities in general groupings as follows:

Group.	Compliance Date.
(1) Blast Fee Recycle System. (This includes revisions to cooling water discharging thru outfalls GW-1, GW-2, GW-3, GW-4 and GW-~~6~~7) —	Oct 1, 1979 Deferred period 2 yr 3 mon.
(2) Blast Fee Recycle System Blowdown. - Alkaline Chlorination Plant (This includes the treatment of ammonia, cyanide & phenol discharged by out falls GW-1 thru GW-~~5~~) —	Aug 1, 1980 Deferred Period 3 yr 1 mon.
(3) Bar & Structural Waste Pickle Liquor Disposal —	Jan 1, 1979 Deferred Period 1 yr 6 month
(4) Electrolytic Tinning Line. —	APR 1, 1979 1 yr 9 mon
(5) Tin Mill Chrome Control. —	APR 1, 1979 1 yr 9 mon.

Installation Costs.

The appraised installation costs for each of the five groups are:

Group	Appraised Cost.
(1) Blast Fce Recycle System	$35,000,000
(2) Alkaline Chlorination Plant.	$20,000,000
(3) Bar & Structural Waste Pickle Liquor Disposal.	$12,000,000
(4) Electrolytic Tinning Lines.	$1,500,000
(5) Tin Mill Chrome Cont.	$1,500,000
Total	$70,000,000

Operating and Maintenance Costs.

(1) Blast Fce. Recycle System.

Since about 1970 USSC has been operating the gas scrubber water system as a once thru system. The once thru system is one in which the furnace shell cooling water is reused in the gas scrubber. To reuse it is necessary that pumps be located at each furnace to increase the water pressure for use in the scrubber. The scrubber water is discharged to clarifiers and a settling pond before discharge to the Grand Calumet River.