FILE 1.1.2

Dave Moran

REPORT NO. PCRPT PRODUCTION AND CONSUMPTION

RUN DATE 8/18/81 POTLINE
ANACONDA ALUMINUM CO JUL 1981 LINE 1 COLUMBIA FALLS MONT

KEY NO	DESCRIPTION	LAST YR AVG	THIS YTD AV	MAY	JUN	JUL
101000	PRODUCTION DATA	0	0	0	0	0
101010	GROSS METAL TAPPED LBS	5,531,537	5,687,283	5,987,350	5,666,590	5,640,520
101020	BSMT/SCRAP ALUMINUM	0	25,404	52,960	20,660	21,780
101030	SKULLS	0	0	0	0	0
101040	HOT METAL ADDED LBS	33,387	23,749	52,890	8,765	0
101050	NET METAL TAPPED LBS	5,490,955	5,688,938	5,987,420	5,678,485	5,662,300
101070	IRON ADDED LBS	0	0	0	0	0
101090	NET METAL TAPPED/DAY	180,031	187,842	193,142	189,282	182,654
101100	NET METAL TAP/POT/DAY	1517.27	1589.21	1621.72	1612.28	1598.61
102000	POT DATA					
102010	TOTAL OPER. POT DAYS	3,619	3,579	3,692	3,522	3,542
102020	AVG NO. POTS OPERATING	118.61	118.15	119.00	117.40	114.20
102030	POTS CUT-OUT PER MONTH	1.83	1.85	2.00	3.00	2.00
102040	POTS CUT-IN PER MONTH	1.91	1.14	2.00	.00	.00
102050	LIFE OF POTS CUT DAYS	987	845	1,183	855	734
102070	AVG AGE POTS OPR DAYS	456	663	675	701	731
103000	MATERIAL ADDED DATA					
103010	ANODE CARBON LBS	3,200,879	3,223,038	3,310,864	2,908,671	3,324,488
103050	PER POUND METAL	.590	.566	.552	.512	.587
103060	AL FLUORIDE LBS	88,673	102,928	98,390	82,783	107,651
103070	PER POUND METAL	.016	.018	.016	.014	.019
103080	CRYOLITE LBS	150,449	22,277	4,935	886	0
103090	PER POUND METAL	.028	.003	.000	.000	.000
103130	FLUORINE PER LB METAL	.024	.011	.010	.009	.011
103140	SODA ASH LBS	5,206	4,378	6,000	2,400	0
103150	PER POUND METAL	.001	.000	.000	.000	.000
103151	FLUOSPAR	1,407	0	0	0	0
103152	PER POUND METAL	.000	.000	.000	.000	.000
103160	TOTAL CHEMICALS LBS	245,738	129,584	109,325	86,069	107,651
103170	PER POUND METAL	.045	.022	.018	.015	.019
104000	POWER DATA					
104010	TOTAL AC KWH CONSUMED	44,924,249	45,134,428	46,878,000	44,633,000	45,340,000
104020	PER POUND METAL	8.194	7.933	7.825	7.860	8.007
104030	TOTAL DC KWH CONSUMED	43,337,638	43,515,644	45,157,680	43,012,080	43,573,920
104040	% DC KWH PER AC KWH	96.50	96.40	96.33	96.36	96.10
104050	DC KWH FOR REDUCTION	43,309,205	43,507,907	45,144,140	43,012,080	43,573,920
104060	PER POUND METAL	7.899	7.647	7.539	7.574	7.695
104070	AVERAGE VOLTS	596.92	589.14	594.39	585.33	574.75
104080	AVERAGE VOLTS PER POT	5.032	4.986	4.994	4.985	5.032
104090	AVERAGE AMPERES	99,141	101,603	102,083	102,060	101,900
104100	AMPERE EFFICIENCY %	86.46	88.06	89.52	88.95	88.17
104120	DC KWH FOR BAKE	28,432	7,737	13,540	0	0
104130	LBS ANODE CARBON/DCKAH	.368	.368	.366	.337	.383
104140	LBS ANODE CARBON/DCKWH	.071	.073	.073	.068	.076
104150	POWER OFF NO. OF TIMES	30.91	16.28	15.00	18.00	14.00
104160	POWER OFF - MINUTES	238.83	114.14	79.00	108.00	53.00
105000	CONTROL DATA					
105010	BUS TO RISER DROP -MV	30.89	29.65	21.76	25.17	34.84
105011	NO. OF READINGS	354.16	392.85	400.00	350.00	400.00
105020	RISER TO PIN DROP -MV	7.79	8.08	7.48	9.44	7.97
105021	NO. OF READINGS	354.16	392.85	400.00	350.00	400.00
105030	ANODE DROP -MV	644.39	560.71	541.77	574.54	580.14
105031	NO. OF READINGS	45.58	42.14	60.00	59.00	57.00
105040	CATHODE DROP	410.51	434.10	448.71	436.64	434.23
105041	NO. OF READINGS	19.91	32.42	45.00	45.00	43.00
105050	ANODE EFFECTS/POT DAY	3.58	3.82	3.76	3.45	3.57
105060	BATH DEPTH -INCHES	7.05	7.10	7.12	6.82	6.79
105070	METAL DEPTH -INCHES	15.83	16.63	17.09	16.54	16.95
105080	METAL GRADE -AVERAGE	99.60	99.59	99.60	99.58	99.66
105090	RATIO -AVERAGE	1.28	1.24	1.23	1.23	1.27
105100	BATH TEMP -DEG CENT	975.4	973.6	967.7	971.2	969.1
105110	% CAF IN BATH	4.13	4.90	4.99	4.95	4.84
105120	% SI IN METAL	.073	.070	.069	.066	.070
105130	% FE IN METAL	.254	.272	.272	.291	.240

REPORT NO. PCRPT PRODUCTION AND CONSUMPTION

RUN DATE 8/18/81 POTLINE
..NACONDA ALUMINUM CO JUL 1981 LINE 2 COLUMBIA FALLS MONT

KEY NO	DESCRIPTION	LAST YR AVG	THIS YTD AV	MAY	JUN	JUL
201000	PRODUCTION DATA					
201010	GROSS METAL TAPPED LBS	5,365,445	5,739,861	5,970,195	5,533,560	5,867,495
201020	BSMT/SCRAP ALUMINUM	0	26,267	52,960	20,660	21,780
201030	SKULLS	0	0	0	0	0
201040	HOT METAL ADDED LBS	26,488	22,052	3,450	22,485	0
201050	NET METAL TAPPED LBS	5,331,762	5,744,076	6,019,705	5,531,735	5,889,275
201070	IRON ADDED LBS	0	0	0	0	0
201090	NET METAL TAPPED/DAY	174,855	189,662	194,184	184,391	189,976
201100	NET METAL TAP/POT/DAY	1476.80	1601.16	1625.19	1567.06	1629.12
202000	POT DATA					
202010	TOTAL OPER. POT DAYS	3,610	3,587	3,704	3,530	3,615
202020	AVG NO. POTS OPERATING	118.36	118.41	119.40	117.60	116.60
202030	POTS CUT-OUT PER MONTH	1.24	1.71	1.00	2.00	1.00
202040	POTS CUT-IN PER MONTH	1.24	1.28	1.00	.00	.00
202050	LIFE OF POTS OUT DAYS	520	841	1,084	734	1,022
202070	AVG AGE POTS OPR DAYS	530	724	739	769	798
203000	MATERIAL ADDED DATA					
203010	ANODE CARBON LBS	3,300,918	3,297,191	3,338,131	2,875,720	3,370,805
203050	PER POUND METAL	.621	.574	.554	.519	.572
203060	AL FLUORIDE LBS	115,742	130,776	88,011	124,183	141,357
203070	PER POUND METAL	.022	.022	.014	.022	.024
203080	CRYOLITE LBS	135,484	51,635	0	886	0
203090	PER POUND METAL	.026	.008	.000	.000	.000
203130	FLUORENE PER LB METAL	.026	.017	.009	.014	.014
203140	SODA ASH LBS	4,853	4,542	6,000	300	0
203150	PER POUND METAL	.001	.000	.000	.000	.000
203151	FLUORSPAR	3,580	107	0	0	0
203152	PER POUND METAL	.001	.000	.000	.000	.000
203160	TOTAL CHEMICALS LBS	261,175	187,062	94,011	125,369	141,357
203170	PER POUND METAL	.049	.032	.015	.022	.024
204000	POWER DATA					
204010	TOTAL AC KWH CONSUMED	44,721,499	45,655,428	47,196,000	44,730,000	45,978,000
204020	PER POUND METAL	8.399	7.948	7.840	8.086	7.807
204030	TOTAL DC KWH CONSUMED	42,954,159	43,833,764	45,290,640	43,000,320	44,196,720
204040	% DC KWH PER AC KWH	96.00	96.00	95.96	96.13	96.12
204050	DC KWH FOR REDUCTION	42,901,230	43,825,059	45,283,870	43,000,320	44,196,720
204060	PER POUND METAL	8.057	7.629	7.522	7.773	7.504
204070	AVERAGE VOLTS	603.35	592.45	598.42	586.20	581.82
204080	AVERAGE VOLTS PER POT	5.097	5.003	5.011	4.984	4.989
204090	AVERAGE AMPERES	97,156	101,779	101,709	101,880	102,100
204100	AMPERE EFFICIENCY %	85.85	88.59	90.03	86.66	89.76
204120	DC KWH FOR BAKE	52,929	8,704	6,770	0	0
204130	LBS ANODE CARBON/DCKAH	.390	.374	.369	.333	.380
204140	LBS ANODE CARBON/DCKWH	.075	.074	.074	.067	.076
204150	POWER OFF NO. OF TIMES	39.41	22.57	31.00	34.00	9.00
204160	POWER OFF - MINUTES	329.83	125.14	76.00	187.00	17.00
205000	CONTROL DATA					
205010	BUS TO RISER DROP -MV	31.17	40.13	26.42	26.66	28.55
205011	NO. OF READINGS	397.40	400.00	400.00	400.00	400.00
205020	RISER TO PIN DROP -MV	6.16	6.70	5.06	6.43	11.38
205021	NO. OF READINGS	399.00	399.85	400.00	400.00	400.00
205030	ANODE DROP (MV)	634.81	586.17	587.93	522.97	540.38
205031	NO. OF READINGS	46.74	51.85	60.00	73.00	60.00
205040	CATHODE DROP	417.89	445.19	443.09	455.29	460.25
205041	NO. OF READINGS	33.66	40.71	56.00	58.00	57.00
205050	ANODE EFFECTS/POT DAY	3.64	3.86	3.85	3.54	3.60
205060	BATH DEPTH -INCHES	7.31	7.34	7.56	7.33	7.34
205070	METAL DEPTH -INCHES	16.05	16.81	16.86	17.07	17.30
205080	METAL GRADE -AVERAGE	99.54	99.58	99.59	99.60	99.63
205090	RATIO -AVERAGE	1.28	1.25	1.24	1.23	1.26
205100	BATH TEMP -DEG CENT	976.4	976.1	976.1	977.0	976.3
205110	% CAF IN BATH	4.26	4.91	5.07	4.95	4.87
205120	% SI IN METAL	.069	.080	.089	.081	.076
205130	% FE IN METAL	.310	.276	.267	.267	.253

REPORT NO. PCRPT PRODUCTION AND CONSUMPTION

RUN DATE 8/18/81 POTLINE
ANACONDA ALUMINUM CO JUL 1981 LINE 3 COLUMBIA FALLS MONT

KEY NO	DESCRIPTION	LAST YR AVG	THIS YTD AV	MAY	JUN	JUL
301000	PRODUCTION DATA					
301010	GROSS METAL TAPPED LBS	5,660,420	5,713,274	5,844,785	5,741,745	5,858,535
301020	BSMT/SCRAP ALUMINUM	0	25,404	52,960	20,660	21,780
301030	SKULLS	0	0	0	0	0
301040	HOT METAL ADDED LBS	45,856	32,048	42,060	19,880	17,675
301050	NET METAL TAPPED LBS	5,607,369	5,706,630	5,855,685	5,742,525	5,862,640
301070	IRON ADDED LBS	0	0	0	0	0
301090	NET METAL TAPPED/DAY	183,840	188,426	188,893	191,417	189,117
301100	NET METAL TAP/POT/DAY	1547.84	1591.04	1585.18	1610.80	1621.30
302000	POT DATA					
302010	TOTAL OPER. POT DAYS	3,622	3,586	3,694	3,565	3,616
302020	AVG NO. POTS OPERATING	118.72	118.37	119.10	118.80	116.60
302030	POTS CUT-OUT PER MONTH	1.99	1.71	1.00	3.00	1.00
302040	POTS CUT-IN PER MONTH	1.99	1.57	2.00	.00	1.00
302050	LIFE OF POTS CUT DAYS	950	1,009	440	1,045	554
302070	AVG AGE POTS OPR DAYS	609	768	777	801	827
303000	MATERIAL ADDED DATA					
303010	ANODE CARBON LBS	3,309,766	3,360,351	3,431,329	2,935,565	3,344,752
303050	PER POUND METAL	.591	.588	.585	.511	.570
303060	AL FLUORIDE LBS	122,389	134,188	114,446	106,217	109,225
303070	PER POUND METAL	.022	.023	.019	.018	.018
303080	CRYOLITE LBS	133,231	24,053	4,467	886	2,000
303090	PER POUND METAL	.024	.004	.000	.000	.000
303130	FLUORINE PER LB METAL	.026	.015	.012	.011	.011
303140	SODA ASH LBS	5,903	5,528	6,600	3,500	4,600
303150	PER POUND METAL	.001	.000	.000	.000	.000
303151	FLUORSPAR	1,848	0	0	0	0
303152	PER POUND METAL	.000	.000	.000	.000	.000
303160	TOTAL CHEMICALS LBS	263,372	163,771	125,513	110,603	115,825
303170	PER POUND METAL	.047	.028	.021	.019	.019
304000	POWER DATA					
304010	TOTAL AC KWH CONSUMED	44,412,666	44,324,714	45,783,000	44,286,000	44,991,000
304020	PER POUND METAL	7.924	7.767	7.818	7.711	7.674
304030	TOTAL DC KWH CONSUMED	43,211,039	43,040,257	44,463,200	43,129,920	43,680,480
304040	% DC KWH PER AC KWH	97.20	97.10	97.11	97.38	97.08
304050	DC KWH FOR REDUCTION	43,190,950	43,029,618	44,449,660	43,129,920	43,673,710
304060	PER POUND METAL	7.706	7.540	7.590	7.510	7.449
304070	AVERAGE VOLTS	590.43	582.58	585.37	586.18	576.91
304080	AVERAGE VOLTS PER POT	4.973	4.921	4.915	4.934	4.947
304090	AVERAGE AMPERES	99,933	101,613	102,061	102,190	101,750
304100	AMPERE EFFICIENCY %	87.49	88.21	87.50	88.78	89.72
304120	DC KWH FOR BAKE	20,089	10,638	13,540	0	6,770
304130	LBS ANODE CARBON/DCKAH	.379	.384	.379	.336	.379
304140	LBS ANODE CARBON/DCKWH	.074	.077	.077	.068	.077
304150	POWER OFF NO. OF TIMES	27.66	17.42	21.00	8.00	18.00
304160	POWER OFF - MINUTES	224.49	105.14	97.00	51.00	113.00
305000	CONTROL DATA					
305010	BUS TO RISER DROP -MV	31.77	29.19	25.15	39.11	39.17
305011	NO. OF READINGS	383.24	400.00	400.00	400.00	400.00
305020	RISER TO PIN DROP -MV	7.43	7.54	7.76	8.15	8.66
305021	NO. OF READINGS	383.33	399.85	400.00	399.00	400.00
305030	ANODE DROP -MV	651.72	559.55	530.11	554.14	559.56
305031	NO. OF READINGS	43.49	45.28	64.00	74.00	59.00
305040	CATHODE DROP	422.34	419.18	408.71	405.14	416.37
305041	NO. OF READINGS	37.33	41.57	58.00	59.00	57.00
305050	ANODE EFFECTS/POT DAY	4.38	4.18	3.82	3.53	4.70
305060	BATH DEPTH -INCHES	7.32	7.13	7.19	6.92	7.24
305070	METAL DEPTH -INCHES	16.27	16.69	16.75	17.11	17.13
305080	METAL GRADE -AVERAGE	99.54	99.61	99.66	99.65	99.64
305090	RATIO -AVERAGE	1.29	1.26	1.26	1.23	1.26
305100	BATH TEMP -DEG CENT	976.4	975.3	977.3	974.5	975.1
305110	% CAF IN BATH	4.41	5.02	5.09	5.02	4.86
305120	% SI IN METAL	.087	.077	.071	.073	.071
305130	% FE IN METAL	.299	.265	.230	.246	.223

REPORT NO. PCRPT PRODUCTION AND CONSUMPTION

RUN DATE 8/18/81 PCTLINE
ANACONDA ALUMINUM CO JUL 1981 LINE 4 COLUMBIA FALLS MONT

KEY NO	DESCRIPTION	LAST YR AVG	THIS YTD AV	MAY	JUN	JUL
401000	PRODUCTION DATA					
401010	GROSS METAL TAPPED LBS	5,686,363	5,834,441	6,089,595	5,702,160	5,802,515
401020	BSMT/SCRAP ALUMINUM	0	25,404	52,960	20,660	21,780
401030	SKULLS	0	0	0	0	0
401040	HOT METAL ADDED LBS	26,140	21,332	17,445	3,680	25,910
401050	NET METAL TAPPED LBS	5,653,029	5,838,513	6,125,110	5,719,140	5,798,385
401070	IRON ADDED LBS	0	0	0	0	0
401090	NET METAL TAPPED/DAY	185,320	192,781	197,584	190,638	187,044
401100	NET METAL TAP/POT/DAY	1554.00	1630.54	1662.17	1641.07	1622.83
402000	POT DATA					
402010	TOTAL OPER. POT DAYS	3,637	3,580	3,685	3,485	3,573
402020	AVG NO. POTS OPERATING	119.21	118.18	118.80	116.10	115.20
402030	POTS CUT-OUT PER MONTH	1.33	1.14	3.00	1.00	1.00
402040	POTS CUT-IN PER MONTH	1.41	.57	.00	.00	.00
402050	LIFE OF POTS CUT DAYS	1,127	1,045	812	1,659	1,559
402070	AVG AGE POTS OPR DAYS	589	807	831	854	879
403000	MATERIAL ADDED DATA					
403010	ANODE CARBON LBS	3,136,636	3,387,879	3,361,512	3,217,569	3,398,699
403050	PER POUND METAL	.555	.580	.548	.562	.586
403060	AL FLUORIDE LBS	124,403	140,885	114,140	102,941	139,593
403070	PER POUND METAL	.020	.024	.018	.017	.024
403080	CRYOLITE LBS	95,507	11,359	0	886	0
403090	PER POUND METAL	.017	.001	.000	.000	.000
403130	FLUORINE PER LB METAL	.022	.014	.011	.011	.014
403140	SODA ASH LBS	4,578	2,013	600	900	800
403150	PER POUND METAL	.001	.000	.000	.000	.000
403151	FLUORSPAR	371	0	0	0	0
403152	PER POUND METAL	.000	.000	.000	.000	.000
403160	TOTAL CHEMICALS LBS	224,861	154,259	114,740	104,727	140,393
403170	PER POUND METAL	.041	.026	.018	.018	.024
404000	POWER DATA					
404010	TOTAL AC KWH CONSUMED	44,501,249	44,407,142	45,877,000	43,426,000	44,557,000
404020	PER POUND METAL	7.879	7.605	7.489	7.593	7.684
404030	TOTAL DC KWH CONSUMED	43,264,437	43,120,128	44,422,560	42,229,920	43,234,080
404040	% DC KWH PER AC KWH	97.20	97.10	96.82	97.24	97.03
404050	DC KWH FOR REDUCTION	43,246,527	43,116,259	44,422,560	42,229,920	43,234,080
404060	PER POUND METAL	7.657	7.384	7.252	7.383	7.456
404070	AVERAGE VOLTS	591.54	580.42	582.37	571.49	566.37
404080	AVERAGE VOLTS PER POT	4.961	4.911	4.902	4.922	4.916
404090	AVERAGE AMPERES	99,875	102,211	102,525	102,630	102,600
404100	AMPERE EFFICIENCY %	87.89	89.84	91.34	90.09	89.06
404120	DC KWH FOR BAKE	17,909	3,868	0	0	0
404130	LBS ANODE CARBON/DCKAH	.358	.385	.371	.375	.386
404140	LBS ANODE CARBON/DCKWH	.070	.078	.076	.076	.079
404150	POWER OFF NO. OF TIMES	24.41	11.71	4.00	7.00	6.00
404160	POWER OFF - MINUTES	191.91	51.28	93.00	42.00	33.00
405000	CONTROL DATA					
405010	BUS TO RISER DROP -MV	29.50	32.16	32.17	36.92	32.97
405011	NO. OF READINGS	400.00	400.00	400.00	400.00	400.00
405020	RISER TO PIN DROP -MV	7.23	9.11	9.81	8.39	10.74
405021	NO. OF READINGS	400.00	400.00	400.00	400.00	400.00
405030	ANODE DROP -MV	627.28	540.60	544.92	562.46	502.94
405031	NO. OF READINGS	42.16	44.28	60.00	59.00	72.00
405040	CATHODE DROP	481.17	419.83	426.76	422.20	422.98
405041	NO. OF READINGS	27.81	43.85	59.00	70.00	59.00
405050	ANODE EFFECTS/POT DAY	4.44	4.08	4.33	4.37	4.15
405060	BATH DEPTH -INCHES	7.31	7.14	7.09	6.79	7.34
405070	METAL DEPTH -INCHES	16.70	17.25	17.35	17.75	17.30
405080	METAL GRADE -AVERAGE	99.59	99.63	99.62	99.66	99.63
405090	RATIO -AVERAGE	1.28	1.25	1.23	1.24	1.26
405100	BATH TEMP -DEG CENT	975.7	972.6	970.7	967.8	971.9
405110	% CAF IN BATH	4.57	4.94	5.03	5.05	4.78
405120	% SI IN METAL	.072	.069	.069	.067	.078
405130	% FE IN METAL	.265	.236	.255	.238	.231

REPORT NO. PCRPT PRODUCTION AND CONSUMPTION

RUN DATE 8/18/81 POTLINE
ANACONDA ALUMINUM CO JUL 1981 LINE 5 COLUMBIA FALLS MONT

KEY NO	DESCRIPTION	LAST YR AVG	THIS YTD AV	MAY	JUN	JUL
501000	PRODUCTION DATA					
501010	GROSS METAL TAPPED LBS	5,626,862	5,726,424	5,921,165	5,627,315	5,601,305
501020	BSMT/SCRAP ALUMINUM	0	26,298	52,960	20,660	21,780
501030	SKULLS	0	0	0	0	0
501040	HOT METAL ADDED LBS	32,522	21,537	23,600	0	3,265
501050	NET METAL TAPPED LBS	5,587,145	5,731,186	5,950,525	5,647,975	5,619,820
501070	IRON ADDED LBS	0	0	0	0	0
501090	NET METAL TAPPED/DAY	183,265	189,237	191,952	188,265	181,284
501100	NET METAL TAP/POT/DAY	1545.50	1614.93	1633.41	1646.16	1607.95
502000	POT DATA					
502010	TOTAL OPER. POT DAYS	3,614	3,548	3,643	3,431	3,495
502020	AVG NO. POTS OPERATING	118.45	117.17	117.50	114.30	112.70
502030	POTS CUT-OUT PER MONTH	2.08	2.28	4.00	2.00	2.00
502040	POTS CUT-IN PER MONTH	2.08	1.14	1.00	.00	.00
502050	LIFE OF POTS OUT DAYS	981	1,215	1,372	878	1,594
502070	AVG AGE POTS OPR DAYS	667	774	782	810	827
503000	MATERIAL ADDED DATA					
503010	ANODE CARBON LBS	3,070,225	3,284,303	3,409,241	2,890,300	3,298,170
503050	PER POUND METAL	.551	.573	.572	.511	.586
503060	AL FLUORIDE LBS	130,477	132,837	93,751	93,111	130,359
503070	PER POUND METAL	.023	.023	.015	.016	.023
503080	CRYOLITE LBS	147,063	8,729	2,468	886	0
503090	PER POUND METAL	.025	.001	.000	.000	.000
503130	FLUORINE PER LB METAL	.027	.014	.010	.010	.014
503140	SODA ASH LBS	7,640	4,686	6,400	1,400	300
503150	PER POUND METAL	.001	.000	.000	.000	.000
503151	FLUORSPAR	1,228	71	0	0	0
503152	PER POUND METAL	.000	.000	.000	.000	.000
503160	TOTAL CHEMICALS LBS	286,410	146,324	102,619	95,397	130,659
503170	PER POUND METAL	.051	.025	.017	.016	.023
504000	POWER DATA					
504010	TOTAL AC KWH CONSUMED	44,171,166	43,936,285	45,193,000	42,662,000	43,526,000
504020	PER POUND METAL	7.911	7.666	7.594	7.553	7.745
504030	TOTAL DC KWH CONSUMED	43,310,770	43,048,722	44,182,080	41,917,440	42,625,920
504040	% DC KWH PER AC KWH	98.00	97.90	97.76	98.25	97.93
504050	DC KWH FOR REDUCTION	43,294,704	43,040,985	44,175,310	41,917,440	42,625,920
504060	PER POUND METAL	7.753	7.509	7.423	7.421	7.584
504070	AVERAGE VOLTS	587.17	579.13	579.09	568.81	558.95
504080	AVERAGE VOLTS PER POT	4.956	4.942	4.928	4.976	4.959
504090	AVERAGE AMPERES	100,726	102,272	102,532	102,350	102,500
504100	AMPERE EFFICIENCY %	86.69	88.97	89.71	90.61	88.30
504120	DC KWH FOR BAKE	16,065	7,737	6,770	0	0
504130	LBS ANODE CARBON/DCKAH	.350	.376	.380	.343	.383
504140	LBS ANODE CARBON/DCKWH	.068	.075	.077	.069	.077
504150	POWER OFF NO. OF TIMES	19.16	17.71	13.00	6.00	9.00
504160	POWER OFF - MINUTES	139.41	90.28	103.00	94.00	61.00
505000	CONTROL DATA					
505010	BUS TO RISER DROP -MV	34.74	36.31	33.21	34.91	28.75
505011	NO. OF READINGS	395.83	378.57	400.00	400.00	350.00
505020	RISER TO PIN DROP -MV	8.42	9.71	8.59	9.49	10.52
505021	NO. OF READINGS	395.83	378.57	400.00	400.00	350.00
505030	ANODE DROP -MV	588.36	546.44	541.38	540.66	531.46
505031	NO. OF READINGS	40.33	39.14	60.00	56.00	41.00
505040	CATHODE DROP	447.96	438.94	448.58	445.89	416.55
505041	NO. OF READINGS	31.91	39.14	59.00	56.00	42.00
505050	ANODE EFFECTS/POT DAY	4.17	3.73	3.66	3.95	4.09
505060	BATH DEPTH -INCHES	7.43	7.42	7.37	7.26	7.69
505070	METAL DEPTH -INCHES	16.27	16.43	16.71	16.75	16.21
505080	METAL GRADE -AVERAGE	99.49	99.56	99.56	99.59	99.56
505090	RATIO -AVERAGE	1.29	1.25	1.24	1.24	1.26
505100	BATH TEMP -DEG CENT	975.9	971.6	968.9	968.3	970.4
505110	% CAF IN BATH	4.29	4.99	5.05	5.19	4.96
505120	% SI IN METAL	.079	.084	.085	.081	.076
505130	% FE IN METAL	.341	.291	.307	.285	.286