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SUSITNA HYDRO PROJECT- WATANA CONSTRUCTION SCHED
FEASIBILTY REPORT

TIME NOW: 27SEP82

CPM ANALYSIS LISTING

REP01

I-NODE	J-NODE	DUR	SELECT CODES	------D E S C R I P T I O N ------------	E.S.	E.F.	L.S.	L.F.	T.F.	F.F.	CL	
A0305	A0310	118		FERC LIC ISSUE FERC LICENSE	27SEP82	28DEC84	27SEP82	28DEC84	0	0	1	CRITICAL
A0605	A0610	72		PIONR RD -CONST PIONEER RD	4JUL83	16NOV84	15AUG83	28DEC84	6	6	1	
A0610	A0615	13		MAIN ACCS-MOB MAIN ACCESS RD CONST	31DEC84	29MAR85	31DEC84	29MAR85	0	0	1	CRITICAL
A0615	A0620	29		MAIN ACCS CONST SUBGRADE/BRIDGE FDNS	1APR85	18OCT85	1APR85	18OCT85	0	0	1	CRITICAL
A0620	A0625	26		MAIN ACCS-WINTER 85	21OCT85	18APR86	21OCT85	18APR86	0	0	1	CRITICAL
A0625	A0630	26		MAIN ACCS-CONST BASE & BRIDGE STRUCT	21APR86	17OCT86	21APR86	17OCT86	0	0	1	CRITICAL
A0630	A0635	26		MAIN ACCS-WINTER 86	20OCT86	17APR87	20OCT86	17APR87	0	0	1	CRITICAL
A0635	A0640	25		MAIN ACCS-CONST PAVING	20APR87	9OCT87	20APR87	9OCT87	0	423	1	CRITICAL
A0905	A0910	72		SITE FACL-PROVIDE 160' MAN CAMP	27SEP82	10FEB84	22AUG83	4JAN85	47	46	1	
A0910	A0915	13		SITE FACL-MOB '500' MAN CAMP	31DEC84	29MAR85	7JAN85	5APR85	1	0	1	
A0915	A0920	61		SITE FACL-CONST PHASE 1	1APR85	30MAY86	8APR85	6JUN86	1	0	1	
A0920	A0925	61		SITE FACL-CONST PHASE 2	2JUN86	31JUL87	9JUN86	7AUG87	1	0	1	
A0925	A0930	61		SITE FACL-CONST PHASE 3	3AUG87	30SEP88	10AUG87	7OCT88	1	372	1	
A1210	A1215	13		SITE FACL-MOB PHASE 1 CONSTN FACILITIES	31DEC84	29MAR85	15JUL85	11OCT85	28	0	1	
A1215	A1225	25		DIV TNLS -SET TUNNEL CONC PLANT	1APR85	20SEP85	14OCT85	4APR86	28	0	1	
A1328	A1332	32		DIV TNLS -EXC UPPER TUNNEL FROM D/S	5AUG85	14MAR86	13JAN86	22AUG86	23	0	1	
A1510	A1515	13		DIV TNLS -MOB DIVERSION CONTRACTOR	31DEC84	29MAR85	4MAR85	31MAY85	9	0	1	
A1515	A1520	8		DIV TNLS -CONST ACCESS D/S PORTAL	1APR85	24MAY85	3JUN85	26JUL85	9	0	1	
A1515	A2430	30		COFFRDMS PREP MATERIAL FOR C/D' S	1APR85	25OCT85	7OCT85	2MAY86	27	0	1	
A1520	A1525	10		DIV TNLS -EXC D/S PORTAL	27MAY85	2AUG85	29JUL85	4OCT85	9	0	1	
A1520	A1825	5		DIV TNLS -CONST ACCESS U/S PORTAL	27MAY85	28JUN85	12AUG85	13SEP85	11	0	1	
A1525	A1535	26		DIV TNLS -EXC LOWER TUNNEL FROM D/S	5AUG85	31JAN86	7OCT85	4APR86	9	0	1	
A1535	A1545	20		DIV TNLS -EXC UPPER TUNNEL FROM U/S	3FEB86	20JUN86	7APR86	22AUG86	9	0	1	
A1535	A1545	20		DIV TNLS -CONC LOWER TUNNEL	3FEB86	20JUN86	7APR86	22AUG86	9	0	1	
A1545	A1555	26		DIV TNLS -CONC UPPER TUNNEL & PORTALS	23JUN86	19DEC86	23FEB87	21AUG87	35	0	1	
A1825	A1830	7		DIV TNLS -EXC U/S PORTAL	1JUL85	16AUG85	16SEP85	1NOV85	11	0	1	
A1830	A1535	22		DIV TNLS -EXC LOWER TUNNEL FROM U/S	19AUG85	17JAN86	4NOV85	4APR86	11	2	1	
A2125	A2130	15		DIV TNLS -CONC D/S PORTAL LOWER	23SEP85	3JAN86	12MAY86	22AUG86	33	0	1	
A2135	A2445	20		DIV TNLS -CONC U/S PORTAL LOWER	19AUG85	3JAN86	7APR86	22AUG86	33	24	1	
A2430	A2435	4		COFFRDMS CONST ACCESS TO C/D' S	28OCT85	22NOV85	5MAY86	30MAY86	27	0	1	
A2435	A2440	4		COFFRDMS EXC C/D' S	25NOV85	20DEC85	2JUN86	27JUN86	27	0	1	
A2440	A2445	8		COFFRDMS START C/D FILL	23DEC85	14FEB86	30JUN86	22AUG86	27	18	1	
A2445	A2450	2		COFFRDMS CLOSE C/D	23JUN86	4JUL86	25AUG86	5SEP86	9	0	1	
A2450	A2455	8		COFFRDMS INSTALL CUTOFF WALLS	7JUL86	29AUG86	13OCT86	5DEC86	14	0	1	
A2845	A2850	4		COFFRDMS INITIAL DEWATER	1SEP86	26SEP86	8DEC86	2JAN87	14	0	1	
A2850	A2855	147		COFFRDMS CONTINUE DEWATER TO 16OCT89	29SEP86	21JUL89	5JAN87	27OCT89	14	0	1	
A3145	A3155	20		COFFRDMS FIN COFFERDAMS	1SEP86	16JAN87	6APR87	21AUG87	31	0	1	
A3320	A3325	10		SITE ACCS DEV ACCS @ D/S OUTLET AREA	1JUL85	6SEP85	25AUG86	31OCT86	60	0	1	
A3720	A3725	10		SITE ACCS DEV ACCS-TOP LT BANK	18NOV85	24JAN86	12JAN87	20MAR87	60	0	1	
A3748	A3750	8		SITE ACCS DEV ACCS-LOWER LT BANK	7JUL86	29AUG86	15SEP86	7NOV86	10	0	1	
A3750	A3755	6		SITE ACCS DEV ACCS-MIDDLE RT BANK	1SEP86	10OCT86	8DEC86	16JAN87	14	0	1	
A3950	A3955	6		SITE ACCS DEV ACCS-TOP RT BANK	13OCT86	21NOV86	19JAN87	27FEB87	14	0	1	
A4120	A4125	10		SITE ACCS DEV ACCS-MIDDLE LT BANK	9SEP85	15NOV85	3NOV86	9JAN87	60	0	1	
B0305	B0310	13		MAIN DAM MOBILIZE CONTRACTOR	1APR85	28JUN85	10MAR86	6JUN86	49	0	1	
B0520	B0530	2		MAIN DAM EXC RIV ALLUV CORE ST	7JUL86	18JUL86	30MAR87	10APR87	38	10	1	
B0530	B0540	2		MAIN DAM EXC RIV ALLUV CORE FIN	29SEP86	10OCT86	13APR87	24APR87	28	0	1	
B0550	B0560	7		MAIN DAM EXC RIV ALLUV SHELL ST	13OCT86	28NOV86	18MAY87	3JUL87	31	0	1	
B0560	B0570	7		MAIN DAM EXC RIV ALLUV SHELL FIN	1DEC86	16JAN87	6JUL87	21AUG87	31	0	1	
B0710	B0720	13		MAIN DAM EXC R BK O/B+W/R 1470-1800ST	1JUL85	27SEP85	9JUN86	5SEP86	49	40	1	
B0723	B0730	13		MAIN DAM EXC R BK O/B+W/R 1470-1800FIN	7JUL86	3OCT86	1DEC86	27FEB87	21	0	1	
B0730	B0737	13		MAIN DAM EXC RB O/B+W/R ABV 1800 ST	6OCT86	2JAN87	2MAR87	29MAY87	21	0	1	

CPM ANALYSIS LISTING

REP01

I-NODE	J-NODE	DUR	SELECT CODES	DESCRIPTION	E.S.	E.F.	L.S.	L.F.	T.F.	F.F.	CL
B0737	B0740	12		MAIN DAM EXC RB O/B+W/R ABV 1800 FIN	5JAN87	27MAR87	5FEB90	27APR90	161	0	1
B0760	B0770	4		MAIN DAM EXC RIVER WTHR ROCK SHELL ST	1DEC86	26DEC86	27JUL87	21AUG87	34	0	1
B0770	B0780	4		MAIN DAM EXC RIVER WTHR ROCK SHELL FIN	29DEC86	23JAN87	5OCT87	30OCT87	40	0	1
B0920	B0930	25		MAIN DAM EXC L BK O/B+W/R 1470-1800	7JUL86	26DEC86	8SEP86	27FEB87	9	0	1
B0930	B0937	13		MAIN DAM EXC LB O/B+W/R ABV 1800 ST	29DEC86	27MAR87	2MAR87	29MAY87	9	0	1
B0937	B0940	12		MAIN DAM EXC LB O/B+W/R ABV 1800 FIN	30MAR87	19JUN87	5FEB90	27APR90	149	0	1
B0950	B0960	1		MAIN DAM EXC RIVER WTHR ROCK CORE ST	13OCT86	17OCT86	27APR87	1MAY87	28	0	1
B0960	B0970	1		MAIN DAM EXC RIVER WTHR ROCK CORE FIN	20OCT86	24OCT86	25MAY87	29MAY87	31	0	1
B1160	B1170	4		MAIN DAM EXC RIVER SOUND ROCK ST	20OCT86	14NOV86	4MAY87	29MAY87	28	0	1
B1170	B1180	4		MAIN DAM EXC RIVER SOUND ROCK FIN	17NOV86	12DEC86	13JUL87	7AUG87	34	0	1
B1350	B1360	22		MAIN DAM EXC R BK SND ROCK ABV 1470	5JAN87	5JUN87	1JUN87	30OCT87	21	0	1
B1550	B1560	22		MAIN DAM EXC L BK SND ROCK ABV 1470	30MAR87	28AUG87	1JUN87	30OCT87	9	0	1
B2103	B2107	10		MAIN DAM START GRAVEL SHELLS FILL 87	19JAN87	27MAR87	24AUG87	30OCT87	31	22	1
B2107	B2109	26		MAIN DAM WINTER 87	31AUG87	26FEB88	2NOV87	29APR88	9	0	1
B2109	B2115	26		MAIN DAM START CORE/GRAVEL SHELLS 88	29FEB88	26AUG88	2MAY88	28OCT88	9	0	1
B2115	B2117	26		MAIN DAM WINTER 88	29AUG88	24FEB89	31OCT88	28APR89	9	0	1
B2117	B2125	26		MAIN DAM CORE/GRAVEL SHELLS FILL 89	27FEB89	25AUG89	1MAY89	27OCT89	9	0	1
B2125	B2130	26		MAIN DAM WINTER 89	28AUG89	23FEB90	30OCT89	27APR90	9	0	1
B2130	B2140	26		MAIN DAM CORE/GRAVEL SHELLS FILL 90	26FEB90	24AUG90	30APR90	26OCT90	9	0	1
B2140	B2145	26		MAIN DAM WINTER 90	27AUG90	22FEB91	29OCT90	26APR91	9	0	1
B2145	B2155	16		MAIN DAM CORE GRAVEL SHELLS FILL 91ST	25FEB91	14JUN91	29APR91	16AUG91	9	0	1
B2155	B2165	10		MAIN DAM CORE/GRAVEL SHELLS FILL 91FIN	17JUN91	23AUG91	19AUG91	25OCT91	9	0	1
B2165	B2170	26		MAIN DAM WINTER 91	26AUG91	21FEB92	28OCT91	24APR92	9	0	1
B2170	B2180	26		MAIN DAM CORE/GRAVEL SHELLS FILL	24FEB92	21AUG92	27APR92	23OCT92	9	0	1
B2180	B2183	26		MAIN DAM WINTER 92	24AUG92	19FEB93	26OCT92	23APR93	9	0	1
B2183	B2187	26		MAIN DAM CORE/GRAVEL SHELLS FILL	22FEB93	20AUG93	26APR93	22OCT93	9	0	1
B2401	B2403	10		MAIN DAM CONSOLIDATION GROUT 87	23MAR87	29MAY87	1JUN87	7AUG87	10	0	1
B2403	B2407	12		MAIN DAM CONSOLIDATION GROUT 87	1JUN87	21AUG87	10AUG87	30OCT87	10	1	1
B2409	B2410	26		MAIN DAM CONSOLIDATION GROUT 88	29FEB88	26AUG88	2MAY88	28OCT88	9	0	1
B2417	B2425	26		MAIN DAM CONSOLIDATION GROUT 89	27FEB89	25AUG89	1MAY89	27OCT89	9	0	1
B3157	B3170	36		IMPOUNDMT START IMPOUNDING JULY 91	17JUN91	21FEB92	19AUG91	24APR92	9	0	1
B3170	B3180	15		IMPOUNDMT CONT IMPOUNDING	24FEB92	5JUN92	27APR92	7AUG92	9	0	1
B3180	B3183	37		IMPOUNDMT CONT IMPOUNDING	8JUN92	19FEB93	10AUG92	23APR93	9	0	1
B3183	B3187	26		IMPOUNDMT COMPLETE IMPOUNDING OCT 93	22FEB93	20AUG93	26APR93	22OCT93	9	0	1
B3820	B3830	40		DIV TNLS ACCESS-CONTROL CHAMBER	4MAY87	5FEB88	5JUN89	9MAR90	109	81	1
B3830	B3840	35		DIV TNLS CONCRETE PLUGS	28AUG89	27APR90	12MAR90	9NOV90	28	0	1
B3840	B3850	40		DIV TNLS INSTALL CONTROL GATES	30APR90	1FEB91	12NOV90	16AUG91	28	0	1
B4157	B4165	7		DIV TNLS CONCRETE LOWER PLUG	17JUN91	2AUG91	10FEB92	27MAR92	34	0	1
B4165	B4170	2		DIV TNLS SHRINKAGE RESTRAINT	5AUG91	16AUG91	30MAR92	10APR92	34	0	1
B4170	B4177	2		DIV TNLS GROUT PLUG	19AUG91	30AUG91	13APR92	24APR92	34	0	1
C0585	C0587	9		P/H AC EX CONCRETE DRAFT TUBES	16MAY88	15JUL88	23AUG93	22OCT93	275	0	1
C0705	C0710	7		P/H AC EX ACCESS TNL-P/H 'A'	4MAY87	19JUN87	2MAY88	17JUN88	52	0	1
C0710	C0715	3		P/H AC EX ACCESS TNL-P/H 'B'	22JUN87	10JUL87	20JUN88	8JUL88	52	0	1
C0715	C0720	2		P/H AC EX ACCESS TNL-P/H 'C'	13JUL87	24JUL87	11JUL88	22JUL88	52	0	1
C0720	C0725	3		P/H AC EX ACCESS TNL-P/H 'D'	27JUL87	14AUG87	25JUL88	12AUG88	52	0	1
C0725	C0730	17		P/H AC EX EXC UPPER VAULT	17AUG87	11DEC87	15AUG88	9DEC88	52	0	1
C0730	C0740	4		P/H AC EX EXC D/T UNITS #1-#3	14DEC87	8JAN88	12DEC88	6JAN89	52	0	1
C0730	C0750	4		P/H AC EX EXC DRAFT TUBES UNITS #4-#6	14DEC87	8JAN88	20FEB89	17MAR89	62	10	1
C0740	C0750	10		P/H AC EX EXC LWR VAULT SERVICE BAY-#3	11JAN88	18MAR88	9JAN89	17MAR89	52	0	1
C0740	C0760	6		P/H AC EX EXC BUS TUNNELS	11JAN88	19FEB88	13AUG90	21SEP90	135	12	1
C0750	C0760	8		P/H AC EX EXC LWR VAULT UNITS #4-#6	21MAR88	13MAY88	30JUL90	21SEP90	123	0	1

REP01

CPM ANALYSIS LISTING

I-NODE	J-NODE	DUR	SELECT CODES	------D E S C R I P T I O N ------------	E.S.	E.F.	L.S.	L.F.	T.F.	F.F.	CL
C0780	C0785	3		P/H AC EX CONCRETE BUS TUNNELS	16MAY88	3JUN88	7JUN93	25JUN93	264	0	1
C0785	C0787	17		P/H AC EX INSTALL BUS TUNNEL CABLES	6JUN88	30SEP88	28JUN93	22OCT93	264	0	1
C2025	C2035	31		PENSTOCKS EXC ACCESS TUNNELS	22JUN87	22JAN88	26FEB90	28SEP90	140	0	1
C2035	C2045	8		PENSTOCKS EXC ELBOW ACCESS	25JAN88	18MAR88	1OCT90	23NOV90	140	0	1
C2045	C2055	47		PENSTOCKS EXC LOWER HORIZ TNLS	21MAR88	10FEB89	26NOV90	18OCT91	140	0	1
C2055	C2065	70		PENSTOCKS EXC INCLINED TNL	13FEB89	15JUN90	21OCT91	19FEB93	140	0	1
C2080	C1885	35		PENSTOCKS CONCRETE TUNNELS	18JUN90	15FEB91	22FEB93	22OCT93	140	0	1
C2080	C2085	17		PENSTOCKS STEEL LINE LOWER TNLS	18JUN90	12OCT90	28JUN93	22OCT93	158	0	1
C2235	C2245	24		PENSTOCKS EXC PENSTOCKS UPPER TNLS	25JUL88	6JAN89	7SEP92	19FEB93	215	0	1
C2635	C2645	6		PF-GRT GL EXC GRTG GALLERY TUNNEL	31AUG87	9OCT87	16NOV92	25DEC92	272	0	1
C2645	C2655	10		PF-GRT GL GROUT TUNNEL	12OCT87	18DEC87	16AUG93	22OCT93	305	0	1
C3080	C3085	8		XFRMR GAL CONCRETE XFRMR GALLERY	17JUN91	9AUG91	8MAR93	30APR93	90	0	1
C3085	C3087	25		XFRMR GAL INSTALL XFRMERS	12AUG91	31JAN92	3MAY93	22OCT93	90	0	1
C3230	C3235	5		XFRMR GAL EXC ACCESS TUNNELS	27JUL87	28AUG87	27APR92	29MAY92	248	0	1
C3235	C3245	9		XFRMR GAL EXC XFRMER GALLERY	31AUG87	30OCT87	1JUN92	31JUL92	248	0	1
C3245	C3070	6		XFRMR GAL EXC CONNECTOR TUNNEL	2NOV87	11DEC87	16NOV92	25DEC92	263	183	1
C3245	C3255	1		XFRMR GAL EXC ACCESS SHAFT TUNNEL	2NOV87	6NOV87	3AUG92	7AUG92	248	0	1
C3255	C3265	20		XFRMR GAL EXC ACCESS SHAFT	9NOV87	25MAR88	10AUG92	25DEC92	248	0	1
C3450	C3455	15		PF CB SFT EXC CABLE SHAFTS	2NOV87	12FEB88	14SEP92	25DEC92	254	0	1
C3480	C3485	8		PF CB SFT CONCRETE CABLE SHAFTS	17JUN91	9AUG91	3MAY93	25JUN93	98	0	1
C3485	C3487	17		PF CB SFT INSTALL CABLE & MECH WORK	12AUG91	6DEC91	28JUN93	22OCT93	98	0	1
C3715	C3725	4		TAILR/SC EXC ACC TNL-TAILRACE/SURGE C	13JUL87	7AUG87	1AUG88	26AUG88	55	0	1
C3725	C3735	9		TAILR/SC EXC UPPER SURGE CHAMBER	10AUG87	9OCT87	29AUG88	28OCT88	55	0	1
C3785	C3787	5		TAILR/SC INSTALL GATES @ TAILRACE #1	19AUG91	20SEP91	20SEP93	22OCT93	109	0	1
C3910	C3925	5		TAILR/SC EXC PORTAL #1	9SEP85	11OCT85	23MAY88	24JUN88	141	0	1
C3925	C3935	18		TAILR/SC EXC TAILRACE #1	14OCT85	14FEB86	27JUN88	28OCT88	141	86	1
C3935	C3940	6		TAILR/SC EXC LWR SURGE CHAMBER 'A'	12OCT87	20NOV87	31OCT88	9DEC88	55	0	1
C3940	C3950	15		TAILR/SC EXC LWR SURGE CHAMBER 'B'	23NOV87	4MAR88	15JUN92	25SEP92	238	0	1
C3950	C3955	11		TAILR/SC EXC TAILRACE #2	7MAR88	20MAY88	28SEP92	11DEC92	238	160	1
C3955	C3965	2		TAILR/SC EXC CONNECTION TAILRACE/DIVSN	17JUN91	28JUN91	14DEC92	25DEC92	78	0	1
C3980	C3785	7		TAILR/SC CONCRETE PORTAL & TAILRACE #1	1JUL91	16AUG91	2AUG93	17SEP93	109	0	1
C3980	C3985	4		TAILR/SC CONCRETE TAILRACE #2	1JUL91	26JUL91	27SEP93	22OCT93	117	0	1
C3980	C4185	18		TAILR/SC CONCRETE SURGE CHAMBER	1JUL91	1NOV91	28DEC92	30APR93	78	0	1
C4185	C4187	25		TAILR/SC INSTALL GATES @ SURGE CHAMBER	4NOV91	24APR92	3MAY93	22OCT93	78	0	1
D0510	D0518	7		P/H CONC INSTALL P/H CRANE	22AUG88	7OCT88	9DEC91	24JAN92	172	0	1
D0804	D0808	22		P/H CONC CONCRETE SERVICE BAY	21MAR88	19AUG88	20MAR89	18AUG89	52	0	1
D0810	D0818	19		P/H CONC PRI CONC 'A' UNIT 1	22AUG88	30DEC88	21AUG89	29DEC89	52	0	1
D0818	D1118	17		P/H CONC PRI CONC 'B' UNIT 1	2JAN89	28APR89	30SEP91	24JAN92	143	0	1
D0820	D0828	19		P/H CONC PRI CONC 'A' UNIT 2	2JAN89	12MAY89	1JAN90	11MAY90	52	0	1
D0828	D1128	17		P/H CONC PRI CONC 'B' UNIT 2	15MAY89	8SEP89	11NOV91	6MAR92	130	0	1
D0830	D0836	19		P/H CONC PRI CONC 'A' UNIT 3	15MAY89	22SEP89	14MAY90	21SEP90	52	0	1
D0838	D1138	17		P/H CONC PRI CONC 'B' UNIT 3	25SEP89	19JAN90	23DEC91	17APR92	117	0	1
D0840	D0848	19		P/H CONC PRI CONC 'A' UNIT 4	25SEP89	2FEB90	24SEP90	1FEB91	52	0	1
D0848	D1148	17		P/H CONC PRI CONC 'B' UNIT 4	5FEB90	1JUN90	3FEB92	29MAY92	104	0	1
D0850	D0858	19		P/H CONC PRI CONC 'A' UNIT 5	5FEB90	15JUN90	4FEB91	14JUN91	52	0	1
D0858	D1158	17		P/H CONC PRI CONC 'B' UNIT 5	18JUN90	12OCT90	16MAR92	10JUL92	91	0	1
D0860	D0868	30		P/H CONC PRI CONC 'A' UNIT 6+WORK AREA	18JUN90	11JAN91	17JUN91	10JAN92	52	0	1
D0868	D1168	25		P/H CONC PRI CONC 'B' UNIT 6+WORK AREA	14JAN91	5JUL91	13JAN92	3JUL92	52	0	1
D1118	D1418	18		P/H CONC EMBEDDED PARTS UNIT 1	1MAY89	1SEP89	27JAN92	29MAY92	143	0	1
D1128	D1428	18		P/H CONC EMBEDDED PARTS UNIT 2	11SEP89	12JAN90	9MAR92	10JUL92	130	0	1
D1138	D1438	18		P/H CONC EMBEDDED PARTS UNIT 3	22JAN90	25MAY90	20APR92	21AUG92	117	0	1

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K & H PROMINI SYSTEM FEASIBILTY REPORT

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I-NODE	J-NODE	DUR	SELECT CODES	DESCRIPTION	E.S.	E.F.
D1148	D1448	18		P/H CONC EMBEDDED PARTS UNIT 4	[illegible]	[illegible]
D1158	D1458	18		P/H CONC EMBEDDED PARTS UNIT 5	[illegible]	[illegible]
D1168	D1468	18		P/H CONC EMBED PARTS UNIT 6+WORK AREA	[illegible]	[illegible]
D1418	D1718	15		P/H CONC SEC CONC UNIT 1	[illegible]	[illegible]
D1428	D1728	15		P/H CONC SEC CONC UNIT 2	[illegible]	[illegible]
D1438	D1738	15		P/H CONC SEC CONC UNIT 3	[illegible]	[illegible]
D1448	D1748	15		P/H CONC SEC CONC UNIT 4	[illegible]	[illegible]
D1458	D1758	15		P/H CONC SEC CONC UNIT 5	[illegible]	[illegible]
D1468	D1768	22		P/H CONC SEC CONC UNIT6+WORK AREA	[illegible]	[illegible]
D2310	D2314	58		T/G INSTL INSTALL TURBINE UNIT 1	[illegible]	[illegible]
D2320	D2328	58		T/G INSTL INSTALL TURBINE UNIT 2	[illegible]	[illegible]
D2330	D2338	58		T/G INSTL INSTALL TURBINE UNIT 3	[illegible]	[illegible]
D2340	D2348	58		T/G INSTL INSTALL TURBINE UNIT 4	[illegible]	[illegible]
D2350	D2358	58		T/G INSTL INSTALL TURBINE UNIT 5	[illegible]	[illegible]
D2360	D2368	58		T/G INSTL INSTALL TURBINE UNIT 6	[illegible]	[illegible]
D2610	D2614	58		T/G INSTL INSTALL GENERATOR UNIT 1	[illegible]	[illegible]
D2620	D2628	58		T/G INSTL INSTALL GENERATOR UNIT 2	[illegible]	[illegible]
D2630	D2638	58		T/G INSTL INSTALL GENERATOR UNIT 3	[illegible]	[illegible]
D2640	D2648	58		T/G INSTL INSTALL GENERATOR UNIT 4	[illegible]	[illegible]
D2650	D2658	58		T/G INSTL INSTALL GENERATOR UNIT 5	[illegible]	[illegible]
D2660	D2668	58		T/G INSTL INSTALL GENERATOR UNIT 6	[illegible]	[illegible]
D2910	D2918	6		T/G INSTL TEST & COMMISION UNIT 1	[illegible]	[illegible]
D2920	D2928	6		T/G INSTL TEST & COMMISION UNIT 2	[illegible]	[illegible]
D2930	D2938	6		T/G INSTL TEST & COMMISION UNIT 3	[illegible]	[illegible]
D2940	D2948	6		T/G INSTL TEST & COMMISION UNIT 4	[illegible]	[illegible]
D2950	D2958	6		T/G INSTL TEST & COMMISION UNIT 5	[illegible]	[illegible]
D2960	D2990	6		T/G INSTL TEST & COMMISION UNIT 6	[illegible]	[illegible]
E0203	E0213	1		MAIN SPWY EXC O/B APPROACH(LT BLOCK)	[illegible]	[illegible]
E0213	E0225	1		MAIN SPWY EXC O/B STRUCTURE(LT BLOCK)	[illegible]	[illegible]
E0350	E0360	14		MAIN SPWY CONC LEFT STRUCTURE	[illegible]	[illegible]
E0360	E0367	4		MAIN SPWY INSTALL GUIDES(LT STRUCT)	[illegible]	[illegible]
E0367	E0373	4		MAIN SPWY INSTALL GATES(LT STRUCT)	[illegible]	[illegible]
E0373	E0380	4		MAIN SPWY ERECT TOWER(LT STRUCT)	[illegible]	[illegible]
E0380	E0387	4		MAIN SPWY INSTALL HOISTS(LT STRUCT)	[illegible]	[illegible]
E0413	E0425	14		MAIN SPWY EXC ROCK APPROACH(LT BLOCK)	[illegible]	[illegible]
E0425	E0445	5		MAIN SPWY EXC ROCK STRUCTURE	[illegible]	[illegible]
E0550	E0560	5		MAIN SPWY LAG	[illegible]	[illegible]
E0560	E0567	12		MAIN SPWY CONCRETE CENTER STRUCTURE	[illegible]	[illegible]
E0567	E0570	4		MAIN SPWY INSTALL GUIDES(CTR STRUCT)	[illegible]	[illegible]
E0573	E0577	4		MAIN SPWY INSTALL GATES(CTR STRUCT)	[illegible]	[illegible]
E0580	E0585	4		MAIN SPWY ERECT TOWER(CTR STRUCT)	[illegible]	[illegible]
E0587	E0589	4		MAIN SPWY INSTALL HOISTS(CTR STRUCT)	[illegible]	[illegible]
E0625	E0645	4		MAIN SPWY EXC DRAIN BLW STRUCTURE	[illegible]	[illegible]
E0750	E0760	14		MAIN SPWY CONCRETE RIGHT STRUCTURE	[illegible]	[illegible]
E0760	E0770	4		MAIN SPWY LAG	[illegible]	[illegible]
E0770	E0777	4		MAIN SPWY INSTALL GUIDES(RT STRUCT)	[illegible]	[illegible]
E0777	E0785	4		MAIN SPWY INSTALL GATES(RT STRUCT)	[illegible]	[illegible]
E0785	E0789	4		MAIN SPWY ERECT TOWER(RT STRUCT)	[illegible]	[illegible]
E0789	E0790	4		MAIN SPWY INSTALL HOIST(RT STRUCT)	[illegible]	[illegible]
E0960	E0967	19		MAIN SPWY EXC DRAIN TUNNEL	[illegible]	[illegible]
E1105	E1110	1		MAIN SPWY EXC O/B @ SEC 'A'	[illegible]	[illegible]

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CPM ANALYSIS LISTING

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I-NODE	J-NODE	DUR	SELECT CODES	------D E S C R I P T I O N ------------	E.S.	E.F.	L.S.	L.F.	T.F.	F.F.	CL
E1110	E1120	3		MAIN SPWY EXC ROCK @ SEC 'A'	18APR88	6MAY88	19OCT92	6NOV92	235	0	1
E1120	E1140	3		MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC A	9MAY88	27MAY88	9NOV92	27NOV92	235	0	1
E1165	E1170	4		MAIN SPWY CONCRETE (SEC A)	30MAY88	24JUN88	29MAR93	23APR93	252	0	1
E1410	E1415	1		MAIN SPWY EXC O/B (SEC B)	18APR88	22APR88	2NOV92	6NOV92	237	0	1
E1420	E1435	3		MAIN SPWY EXC ROCK @ SEC B	9MAY88	27MAY88	9NOV92	27NOV92	235	0	1
E1440	E1448	3		MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC A	30MAY88	17JUN88	30NOV92	18DEC92	235	0	1
E1463	E1465	2		MAIN SPWY LAG (SEC B)	11JUL88	22JUL88	15MAR93	26MAR93	244	0	1
E1465	E1470	4		MAIN SPWY CONCRETE (SEC B)	25JUL88	19AUG88	29MAR93	23APR93	244	0	1
E1715	E1730	1		MAIN SPWY EXC O/B @ SEC C	25APR88	29APR88	23NOV92	27NOV92	239	0	1
E1735	E1747	3		MAIN SPWY EXC ROCK @ SEC C	30MAY88	17JUN88	30NOV92	18DEC92	235	0	1
E1748	E1753	3		MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC C	20JUN88	8JUL88	21DEC92	8JAN93	235	0	1
E1765	E1770	4		MAIN SPWY CONCRETE (SEC C)	11JUL88	5AUG88	29MAR93	23APR93	246	0	1
E2030	E2045	1		MAIN SPWY EXC O/B @ SEC D	2MAY88	6MAY88	14DEC92	18DEC92	241	0	1
E2047	E2050	3		MAIN SPWY EXC ROCK @ SEC D	20JUN88	8JUL88	21DEC92	8JAN93	235	0	1
E2053	E2057	3		MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC D	11JUL88	29JUL88	11JAN93	29JAN93	235	0	1
E2063	E2065	2		MAIN SPWY LAG (SEC D)	22AUG88	2SEP88	15MAR93	26MAR93	238	0	1
E2065	E2070	4		MAIN SPWY CONCRETE (SEC D)	5SEP88	30SEP88	29MAR93	23APR93	238	0	1
E2345	E2350	1		MAIN SPWY EXC O/B @ SEC E	9MAY88	13MAY88	4JAN93	8JAN93	243	8	1
E2350	E2357	3		MAIN SPWY EXC ROCK @ SEC E	11JUL88	29JUL88	11JAN93	29JAN93	235	0	1
E2357	E2365	3		MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC E	1AUG88	19AUG88	1FEB93	19FEB93	235	0	1
E2365	E2370	4		MAIN SPWY CONCRETE (SEC E)	22AUG88	16SEP88	22FEB93	19MAR93	235	0	1
E3005	E3010	1		MAIN SPWY EXC O/B @ SEC F	11APR88	15APR88	1JAN90	5JAN90	90	0	1
E3010	E3020	2		MAIN SPWY EXC ROCK @ SEC F	18APR88	29APR88	8JAN90	19JAN90	90	0	1
E3020	E3040	3		MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC F	2MAY88	20MAY88	4MAR91	22MAR91	148	0	1
E3067	E3075	3		MAIN SPWY CONCRETE (SEC F)	19SEP88	7OCT88	5APR93	23APR93	237	0	1
E3310	E3315	1		MAIN SPWY EXC O/B @ SEC G	18APR88	22APR88	15JAN90	19JAN90	91	0	1
E3320	E3335	2		MAIN SPWY FXC ROCK @ SEC G	2MAY88	13MAY88	22JAN90	2FEB90	90	0	1
E3340	E3348	3		MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC G	23MAY88	10JUN88	25MAR91	12APR91	148	0	1
E3365	E3367	2		MAIN SPWY LAG (SEC G)	19SEP88	30SEP88	22MAR93	2APR93	235	0	1
E3367	E3375	3		MAIN SPWY CONCRETE (SEC G)	3OCT88	21OCT88	5APR93	23APR93	235	0	1
E3615	E3630	1		MAIN SPWY EXC O/B @ SEC H	25APR88	29APR88	29JAN90	2FEB90	92	0	1
E3635	E3647	2		MAIN SPWY EXC ROCK @ SEC H	16MAY88	27MAY88	5FEB90	16FEB90	90	0	1
E3648	E3653	3		MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC H	13JUN88	1JUL88	15APR91	3MAY91	148	0	1
E3667	F3675	3		MAIN SPWY CONCRETE (SEC H)	4JUL88	22JUL88	[illegible]	23APR93	248	0	1
E3930	E3945	1		MAIN SPWY EXC O/B @ SEC I	2MAY88	6MAY88	12FEB90	16FEB90	93	0	1
E3947	E3950	2		MAIN SPWY EXC ROCK @ SEC I	30MAY88	10JUN88	19FEB90	2MAR90	90	0	1
E3953	E3960	3		MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC I	4JUL88	22JUL88	6MAY91	24MAY91	148	0	1
E3965	E3967	2		MAIN SPWY LAG (SEC I)	12DEC88	23DEC88	22MAR93	2APR93	223	0	1
E3967	E3975	3		MAIN SPWY CONCRETE (SEC I)	26DEC88	13JAN89	5APR93	23APR93	223	0	1
E4245	E4249	1		MAIN SPWY EXC O/B @ VALVE BLK/OUTFALL	9MAY88	13MAY88	26FEB90	2MAR90	94	0	1
E4250	E4255	16		MAIN SPWY EXC ROCK @ VALVE BLK/OUTFALL	13JUN88	30SEP88	5MAR90	22JUN90	90	0	1
E4260	E4265	6		MAIN SPWY DRILL ANCRS/INSTL DRAINS VB/OF	3OCT88	11NOV88	27MAY91	5JUL91	138	0	1
E4267	E4275	22		MAIN SPWY CONCRETE (BLOCK)	12DEC88	12MAY89	8JUL91	6DEC91	134	0	1
E4467	E4475	4		MAIN SPWY CONCRETE (OUTFALL)	14NOV88	9DEC88	29MAR93	23APR93	228	0	1
F0316	F0320	4		EMER SPWY EXC O/B APPROACH	15APR91	10MAY91	21DEC92	15JAN93	88	0	1
F0320	F0326	26		EMER SPWY EXC ROCK APPROACH	13MAY91	8NOV91	18JAN93	16JUL93	88	0	1
F0326	F0540	50		EMER SPWY CONSTRUCT BRIDGE	11NOV91	23OCT92	19JUL93	1JUL94	88	0	1
F0516	F0520	16		EMER SPWY EXC O/B UPPER CHUTE	15APR91	2AUG91	8MAR93	25JUN93	99	0	1
F0520	F0526	48		EMER SPWY EXC ROCK UPPER CHUTE	5AUG91	3JUL92	28JUN93	27MAY94	99	0	1
F0530	F0540	5		EMER SPWY CONSTRUCT FUSE PLUG	6JUL92	7AUG92	30MAY94	1JUL94	99	11	1
F0716	F0720	16		EMER SPWY EXC O/B LOWER CHUTE	15APR91	2AUG91	12APR93	30JUL93	104	0	1

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I-NODE	J-NODE	DUR	SELECT CODES	D E S C R I P T I O N	E.S.	E.F.	L.S.	L.F.	T.F.	F.F.	CL
F0720	F0726	48		EMER SPWY EXC ROCK LOWER CHUTE	5AUG91	3JUL92	2AUG93	1JUL94	104	0	1
F0910	F0920	4		POWR INTK EXC O/B(+ OUT FACS INTAKE)	29JUN87	24JUL87	7NOV88	2DEC88	71	0	1
F0920	F0926	52		POWR INTK EXC ROCK(+ OUT FACS INTAKE)	27JUL87	22JUL88	5DEC88	1DEC89	71	0	1
F1230	F1236	3		POWR INTK DRILL ANCHORS INTAKE #1	25JUL88	12AUG88	4DEC89	22DEC89	71	0	1
F1240	F1250	31		POWR INTK CONRETE INTAKE #1	15AUG88	17MAR89	1JAN90	3AUG90	72	0	1
F1250	F1256	10		POWR INTK INSTALL GUIDES INTAKE #1	20MAR89	26MAY89	6AUG90	12OCT90	72	0	1
F1260	F1266	10		POWR INTK INSTALL GATE INTAKE #1	29MAY89	4AUG89	15OCT90	21DEC90	72	0	1
F1270	F1276	10		POWR INTK ERECT TOWER INTAKE #1	7AUG89	13OCT89	24DEC90	1MAR91	72	0	1
F1280	F1286	5		POWR INTK ERECT HOIST INTAKE #1	16OCT89	17NOV89	26AUG91	27SEP91	97	0	1
F1430	F1436	3		POWR INTK DRILL ANCHORS INTAKE #2	15AUG88	2SEP88	25DEC89	12JAN90	71	0	1
F1440	F1446	5		POWR INTK LAG	26SEP88	28OCT88	5FEB90	9MAR90	71	0	1
F1446	F1450	31		POWR INTK CONCRETE INTAKE #2	31OCT88	2JUN89	12MAR90	12OCT90	71	0	1
F1450	F1456	10		POWR INTK INSTALL GUIDES INTAKE #2	5JUN89	11AUG89	15OCT90	21DEC90	71	0	1
F1460	F1466	10		POWR INTK INSTALL GATE INTAKE #2	14AUG89	20OCT89	24DEC90	1MAR91	71	0	1
F1470	F1476	10		POWR INTK ERECT TOWER INTAKE #2	23OCT89	29DEC89	4MAR91	10MAY91	71	0	1
F1480	F1486	5		POWR INTK ERECT HOIST INTAKE #2	1JAN90	2FEB90	30SEP91	1NOV91	91	0	1
F1630	F1636	3		POWR INTK DRILL ANCHORS INTAKE #3	5SEP88	23SEP88	15JAN90	2FEB90	71	0	1
F1640	F1650	31		POWR INTK CONCRETE INTAKE #3	26SEP88	28APR89	21MAY90	21DEC90	86	15	1
F1650	F1656	10		POWR INTK INSTALL GUIDES INTAKE #3	14AUG89	20OCT89	24DEC90	1MAR91	71	0	1
F1660	F1666	10		POWR INTK INSTALL GATE INTAKE #3	23OCT89	29DEC89	4MAR91	10MAY91	71	0	1
F1670	F1676	10		POWR INTK ERECT TOWER INTAKE #3	1JAN90	9MAR90	13MAY91	19JUL91	71	0	1
F1680	F1686	5		POWR INTK ERECT HOIST INTAKE #3	12MAR90	13APR90	4NOV91	6DEC91	86	0	1
F1830	F1836	3		POWR INTK DRILL ANCHORS INTAKE #4	25JUL88	12AUG88	14MAY90	1JUN90	94	0	1
F1840	F1846	5		POWR INTK LAG	26SEP88	28OCT88	25JUN90	27JUL90	91	0	1
F1846	F1850	31		POWR INTK CONCRETE INTAKE #4	31OCT88	2JUN89	30JUL90	1MAR91	91	20	1
F1850	F1856	10		POWR INTK INSTALL GUIDES INTAKE #4	23OCT89	29DEC89	4MAR91	10MAY91	71	0	1
F1860	F1866	10		POWR INTK INSTALL GATE INTAKE #4	1JAN90	9MAR90	13MAY91	19JUL91	71	0	1
F1870	F1876	10		POWR INTK ERECT TOWER INTAKE #4	12MAR90	18MAY90	22JUL91	27SEP91	71	0	1
F1880	F1886	5		POWR INTK ERECT HOIST INTAKE #4	21MAY90	22JUN90	9DEC91	10JAN92	81	0	1
F2030	F2036	3		POWR INTK DRILL ANCHORS INTAKE #5	15AUG88	2SEP88	4JUN90	22JUN90	94	0	1
F2040	F2050	31		POWR INTK CONCRETE INTAKE #5	5SEP88	7APR89	8OCT90	10MAY91	109	38	1
F2050	F2056	10		POWR INTK INSTALL GUIDES INTAKE #5	1JAN90	9MAR90	13MAY91	19JUL91	71	0	1
F2060	F2066	10		POWR INTK INSTALL GATE INTAKE #5	12MAR90	18MAY90	22JUL91	27SEP91	71	0	1
F2070	F2076	10		POWR INTK ERECT TOWER INTAKE #5	21MAY90	27JUL90	30SEP91	6DEC91	71	0	1
F2080	F2086	5		POWR INTK ERECT HOIST INTAKE #5	30JUL90	31AUG90	13JAN92	14FEB92	76	0	1
F2230	F2236	3		POWR INTK DRILL ANCHORS INTAKE #6	5SEP88	23SEP88	1OCT90	19OCT90	108	0	1
F2240	F2246	5		POWR INTK LAG	17OCT88	18NOV88	12NOV90	14DEC90	108	0	1
F2246	F2250	31		POWR INTK CONCRETE INTAKE #6	21NOV88	23JUN89	17DEC90	19JUL91	108	37	1
F2250	F2256	10		POWR INTK INSTALL GUIDES INTAKE #6	12MAR90	18MAY90	22JUL91	27SEP91	71	0	1
F2260	F2266	10		POWR INTK INSTALL GATE INTAKE #6	21MAY90	27JUL90	30SEP91	6DEC91	71	0	1
F2270	F2276	10		POWR INTK ERECT TOWER INTAKE #6	30JUL90	5OCT90	9DEC91	14FEB92	71	0	1
F2280	F2286	5		POWR INTK ERECT HOIST INTAKE #6	8OCT90	9NOV90	17FEB92	20MAR92	71	0	1
F2430	F2436	3		POWR INTK DRILL ANCHORS OUTLET INTAKE	26SEP88	14OCT88	22OCT90	9NOV90	108	0	1
F2440	F2450	31		POWR INTK CONCRETE OUTLET INTAKE	17OCT88	19MAY89	6MAY91	6DEC91	133	52	1
F2450	F2456	5		POWR INTK INSTALL GUIDES OUTLET INTAKE	21MAY90	22JUN90	9DEC91	10JAN92	81	0	1
F2460	F2466	5		POWR INTK INSTALL GATE OUTLET INTAKE	30JUL90	31AUG90	13JAN92	14FEB92	76	0	1
F2470	F2476	5		POWR INTK ERECT TOWER OUTLET INTAKE	8OCT90	9NOV90	17FEB92	20MAR92	71	0	1
F2480	F2486	5		POWR INTK ERECT HOIST OUTLET INTAKE	12NOV90	14DEC90	23MAR92	24APR92	71	0	1
F2720	F2730	2		OUTL FACS EXC TOP 100' TUNNEL	25JUL88	5AUG88	8JUL91	19JUL91	154	0	1
F2920	F2930	10		OUTL FACS EXC TNL FROM LOWER END ST	3OCT88	9DEC88	25JUN90	31AUG90	90	0	1
F2930	F2940	46		OUTL FACS EXC TNL FROM LOWER END FIN	12DEC88	27OCT89	3SEP90	19JUL91	90	0	1

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I-NODE	J-NODE	DUR	SELECT CODES	------D E S C R I P T I O N ------------	E.S.	E.F.	L.S.	L.F.	T.F.	F.F.	CL
F2940	F2946	20		OUTL FACS CONCRETE TUNNEL	30OCT89	16MAR90	22JUL91	6DEC91	90	0	1
F2946	F2950	20		OUTL FACS INSTALL MECH LINE & VALVES	19MAR90	3AUG90	9DEC91	24APR92	90	0	1
F4030	F4040	8		REL CHANL EXC OVERBURDEN ST	4MAY92	26JUN92	22NOV93	14JAN94	81	0	1
F4040	F4046	9		REL CHANL EXC OVERBURDEN FIN	29JUN92	28AUG92	28FEB94	29APR94	87	0	1
F4240	F4244	9		REL CHANL PLACE FILL ST	29JUN92	28AUG92	17JAN94	18MAR94	81	0	1
F4246	F4247	9		REL CHANL PLACE FILL FIN	31AUG92	30OCT92	2MAY94	1JUL94	87	0	1
F4446	F4447	15		REL CHANL PLACE RIP RAP	31AUG92	11DEC92	21MAR94	1JUL94	81	0	1
G0030	G0038	14		MD DRN&GRT-EXC HOR TUN SPILLWAY RT	25JUL88	28OCT88	18FEB91	24MAY91	134	0	1
G0066	G0080	12		MD DRN&GRT-DRN&GRT HOR TUN SPILLWAY RT	31OCT88	20JAN89	27MAY91	16AUG91	134	0	1
G0120	G0128	2		MD DRN&GRT-EXC HOR TUN 2140 RT	27JAN86	7FEB86	23MAR87	3APR87	60	0	1
G0170	G0180	3		MD DRN&GRT-DRN&GRT HOR TUN 2140 RT	10FEB86	28FEB86	29JUL91	16AUG91	285	0	1
G0320	G0328	2		MD DRN&GRT-EXC HOR TUN 1960 RT	27JAN86	7FEB86	23MAR87	3APR87	60	0	1
G0370	G0380	1		MD DRN&GRT-DRN&GRT HOR TUN 1960 RT	10FEB86	14FEB86	12AUG91	16AUG91	287	0	1
G0520	G0528	2		MD DRN&GRT-EXC HOR TUN 1750 ST RT	18NOV85	29NOV85	16MAR87	27MAR87	69	0	1
G0528	G0538	1		MD DRN&GRT-EXC HOR TUN 1750 FIN RT	2DEC85	6DEC85	30MAR87	3APR87	69	0	1
G0570	G0580	1		MD DRN&GRT-DRN&GRT HOR TUN 1750 RT	5MAY86	9MAY86	23OCT89	27OCT89	181	0	1
G0720	G0728	2		MD DRN&GRT-EXC HOR TUN 1400 ST RT	9SEP85	20SEP85	22DEC86	2JAN87	67	0	1
G0728	G0738	3		MD DRN&GRT-EXC HOR TUN 1400 CT RT	23SEP85	11OCT85	5JAN87	23JAN87	67	0	1
G0738	G0740	1		MD DRN&GRT-EXC HOR TUN 1400 FIN RT	14OCT85	18OCT85	27APR87	1MAY87	80	16	1
G0770	G0780	1		MD DRN&GRT-DRN&GRT HOR TUN 1400 RT	23SEP85	27SEP85	24OCT88	28OCT88	161	0	1
G0920	G0928	22		MD DRN&GRT-EXC HOR TUN 1400 D/S RT	9SEP85	7FEB86	1DEC86	1MAY87	64	0	1
G1144	G1150	4		MD DRN&GRT-EXC SHAFT 1750-1400 RT	10FEB86	7MAR86	4MAY87	29MAY87	64	0	1
G1150	G1160	8		MD DRN&GRT-MECH SHAFT 1750-1400 RT	10MAR86	2MAY86	28AUG89	20OCT89	181	0	1
G1340	G1350	8		MD DRN&GRT-EXC INC TUN 1960-2140 RT	10FEB86	4APR86	6APR87	29MAY87	60	0	1
G1370	G1380	9		MD DRN&GRT-DRN&GRT INC TUN 1960-2140 RT	7APR86	6JUN86	17JUN91	16AUG91	271	0	1
G1540	G1550	8		MD DRN&GRT-EXC INC TUN 1750-1960 RT	10FEB86	4APR86	6APR87	29MAY87	60	0	1
G1570	G1580	15		MD DRN&GRT-DRN&GRT INC TUN 1750-1960 RT	7APR86	18JUL86	6MAY91	16AUG91	265	0	1
G1740	G1750	11		MD DRN&GRT-EXC INC TUN 1290-1400 RT	14OCT85	27DEC85	26JAN87	10APR87	67	0	1
G1770	G1780	25		MD DRN&GRT-DRN&GRT INC TUN 1290-1400 RT	30DEC85	20JUN86	9MAY88	28OCT88	123	0	1
G1956	G1960	6		MD DRN&GRT-EXC BASE TUN 1290 ST RT	30DEC85	7FEB86	13APR87	22MAY87	67	0	1
G1960	G1966	1		MD DRN&GRT-EXC BASE TUN 2130 FIN RT	10FEB86	14FEB86	25MAY87	29MAY87	67	0	1
G1970	G1980	12		MD DRN&GRT-DRN&GRT BASE TUN 1290 RT	11MAY87	31JUL87	8AUG88	28OCT88	65	0	1
G2220	G2228	5		MD DRN&GRT-EXC HOR TUN 2130 ST LT	24NOV86	26DEC86	16MAR87	17APR87	16	0	1
G2228	G2238	6		MD DRN&GRT-EXC HOR TUN 2130 FIN LT	29DEC86	6FEB87	20APR87	29MAY87	16	0	1
G2270	G2280	8		MD DRN&GRT-DRN&GRT HOR TUN 2130 LT	9FEB87	3APR87	24JUN91	16AUG91	228	0	1
G2420	G2428	2		MD DRN&GRT-EXC HOR TUN 1950 LT	24NOV86	5DEC86	2MAR87	13MAR87	14	0	1
G2470	G2480	1		MD DRN&GRT-DRN&GRT HOR TUN 1950 LT	8DEC86	12DEC86	12AUG91	16AUG91	244	0	1
G2620	G2628	2		MD DRN&GRT-EXC HOR TUN 1750 LT	13OCT86	24OCT86	23MAR87	3APR87	23	0	1
G2670	G2680	1		MD DRN&GRT-DRN&GRT HOR TUN 1750 LT	27OCT86	31OCT86	23OCT89	27OCT89	156	0	1
G2820	G2828	2		MD DRN&GRT-EXC HOR TUN 1490 ST LT	1SEP86	12SEP86	30MAR87	10APR87	30	0	1
G2838	G2840	3		MD DRN&GRT-EXC HOR TUN 1490 FIN LT	15SEP86	3OCT86	13APR87	1MAY87	30	20	1
G2870	G2880	1		MD DRN&GRT-DRN&GRT HOR TUN 1490 LT	18MAY87	22MAY87	23OCT89	27OCT89	127	0	1
G3020	G3028	25		MD DRN&GRT-EXC HOR TUN 1490 D/S LT	1SEP86	20FEB87	10NOV86	1MAY87	10	0	1
G3246	G3250	4		MD DRN&GRT-EXC SHAFT 1490-1750 LT	23FEB87	20MAR87	4MAY87	29MAY87	10	0	1
G3250	G3260	8		MD DRN&GRT-MECH SHAFT 1490-1750 LT	23MAR87	15MAY87	28AUG89	20OCT89	127	0	1
G3446	G3450	3		MD DRN&GRT-EXC SHAFT 1290-1490 LT	23FEB87	13MAR87	11MAY87	29MAY87	11	0	1
G3456	G3460	8		MD DRN&GRT-MECH SHAFT 1290-1490 LT	16MAR87	8MAY87	13JUN88	5AUG88	65	0	1
G3640	G3650	11		MD DRN&GRT-EXC INC TUN 1950-2130 LT	8DEC86	20FEB87	16MAR87	29MAY87	14	0	1
G3670	G3680	22		MD DRN&GRT-DRN&GRT INC TUN 1950-2130 LT	23FEB87	24JUL87	18MAR91	16AUG91	212	0	1
G3840	G3850	8		MD DRN&GRT-EXC INC TUN 1750-1950 LT	27OCT86	19DEC86	6APR87	29MAY87	23	0	1
G3870	G3880	10		MD DRN&GRT-DRN&GRT INC TUN 1750-1950 LT	22DEC86	27FEB87	10JUN91	16AUG91	233	0	1

CPM ANALYSIS LISTING

REP01

I-NODE	J-NODE	DUR	SELECT CODES	DESCRIPTION	E.S.	E.F.	L.S.	L.F.	T.F.	F.F.	CL
G9990	G9999	0		PROJECT COMPLETE-ALL UNITS ON LINE	23AUG93	20AUG93	4JUL94	1JUL94	45	117	1

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WATS, MFL; 12

SUSITNA HYDRO PROJECT- WATANA CONSTRUCTION SCHED — PAGE 1

C P M SCHEDULE — TIME NOW 27SEP82

BFBI02A BI-WEEKLY BARCHART PART A

RUNDATE: 12-OCT-82 09:27:22 SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START	82 83 84 85 SOCNODEJANFEMAAPMAJUJUAUGSEOCNODEJANFEMAAPMAJUJULAUSEOCNODECJAFEMAAPMAJU 212020201312121202020101212120201013121202020101312120201013121212020201 715826037148481593604815926047159260372693714826037048259371481515826037
FERC LIC ISSUE FERC LICENSE	118	27SEP82	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCL
PIONR RD -CONST PIONEER RD	72	4JUL83	. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX L
MAIN ACCS-MOB MAIN ACCESS RD CONST	13	31DEC84	. CCCCCCL
MAIN ACCS CONST SUBGRADE/BRIDGE FDNS	29	1APR85	. CCCCCCC
MAIN ACCS-WINTER 85	26	21OCT85	.
MAIN ACCS-CONST BASE & BRIDGE STRUCT	26	21APR86	.
MAIN ACCS-WINTER 86	26	20OCT86	.
MAIN ACCS-CONST PAVING	25	20APR87	.
SITE FACL-PROVIDE 160' MAN CAMP	72	27SEP82	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX L
SITE FACL-MOB '500' MAN CAMP	13	31DEC84	. XXXXXXL
SITE FACL-CONST PHASE 1	61	1APR85	. XXXXXXX
SITE FACL-CONST PHASE 2	61	2JUN86	.
SITE FACL-CONST PHASE 3	61	3AUG87	.
SITE FACL-MOB PHASE 1 CONSTN FACILITIES	13	31DEC84	. XXXXXXX
DIV TNLS -SET TUNNEL CONC PLANT	25	1APR85	. XXXXXXX
DIV TNLS -EXC UPPER TUNNEL FROM D/S	32	5AUG85	.
DIV TNLS -MOB DIVERSTON CONTRACTOR	13	31DEC84	. XXXXXXX L
DIV TNLS -CONST ACCESS D/S PORTAL	8	1APR85	. XXXXX
COFFERDMS PREP MATERIAL FOR C/D' S	30	1APR85	. XXXXXXX
DIV TNLS -EXC D/S PORTAL	10	27MAY85	. XXX
DIV TNLS -CONST ACCESS U/S PORTAL	5	27MAY85	. XXX
DIV TNLS -EXC LOWER TUNNEL FROM D/S	26	5AUG85	.
DIV TNLS -EXC UPPER TUNNEL FROM U/S	20	3FEB86	.
DIV TNLS -CONC LOWER TUNNEL	20	3FEB86	.
DIV TNLS -CONC UPPER TUNNEL & PORTALS	26	23JUN86	.
DIV TNLS -EXC U/S PORTAL	7	1JUL85	.
DIV TNLS -EXC LOWER TUNNEL FROM U/S	22	19AUG85	.
DIV TNLS -CONC D/S PORTAL LOWER	15	23SEP85	.
DIV TNLS -CONC U/S PORTAL LOWER	20	19AUG85	.
COFFRDMS CONST ACCESS TO C/D' S	4	28OCT85	.
COFFRDMS EXC C/D' S	4	25NOV85	.
COFFRDMS START C/D FILL	8	23DEC85	.
COFFRDMS CLOSE C/D	2	23JUN86	.
COFFRDMS INSTALL CUTOFF WALLS	8	7JUL86	.
COFFRDMS INITIAL DEWATER	4	1SEP86	.
COFFRDMS CONTINUE DEWATER TO 16OCT89	147	29SEP86	.
COFFRDMS FIN COFFERDAMS	20	1SEP86	.
SITE ACCS DEV ACCS @ D/S OUTLET AREA	10	1JUL85	.
SITE ACCS DEV ACCS-TOP LT BANK	10	18NOV85	.
SITE ACCS DEV ACCS-LOWER LT BANK	8	7JUL86	.
SITE ACCS DEV ACCS-MIDDLE RT BANK	6	1SEP86	.
SITE ACCS DEV ACCS-TOP RT BANK	6	13OCT86	.
SITE ACCS DEV ACCS-MIDDLE LT BANK	10	9SEP85	.
MAIN DAM MOBILIZE CONTRACTOR	13	1APR85	. XXXXXXX
MAIN DAM EXC RIV ALLUV CORE ST	2	7JUL86	.
MAIN DAM EXC RIV ALLUV CORE FIN	2	29SEP86	.
MAIN DAM EXC RIV ALLUV SHELL ST	7	13OCT86	.

SUSITNA HYDRO PROJECT- WATANA CONSTRUCTION SCHED PAGE 2

BFBI02A BI-WEEKLY BARCHART PART A — C P M SCHEDULE — TIME NOW 27SEP82

RUNDATE: 12-OCT-82 09:27:22 SORTED BY: AC CN

D E S C R I P T I O N	DUR WEEKS	SCHED START	82 83 84 85 SOCNODEJANFEMAAPMAJUJUAUGSEOCNODEJANFEMAAPMAJUJULAUSEOCNODECJAFEMAAPMAJU 212020201312121202020101212120201013121202020101312120201013121212020201 715826037148481593604815926047159260372693714826037048259371481515826037
MAIN DAM EXC RIV ALLUV SHELL FIN	7	1DEC86	.
MAIN DAM EXC R BK O/B+W/R 1470-1800ST	13	1JUL85	.
MAIN DAM EXC R BK O/B+W/R 1470-1800FIN	13	7JUL86	.
MAIN DAM EXC RB O/B+W/R ABV 1800 ST	13	6OCT86	.
MAIN DAM EXC RB O/B+W/R ABV 1800 FIN	12	5JAN87	.
MAIN DAM EXC RIVER WTHR ROCK SHELL ST	4	1DEC86	.
MAIN DAM EXC RIVER WTHR ROCK SHELL FIN	4	29DEC86	.
MAIN DAM EXC L BK O/B+W/R 1470-1800	25	7JUL86	.
MAIN DAM EXC LB O/B+W/R ABV 1800 ST	13	29DEC86	.
MAIN DAM EXC LB O/B+W/R ABV 1800 FIN	12	30MAR87	.
MAIN DAM EXC RIVER WTHR ROCK CORE ST	1	13OCT86	.
MAIN DAM EXC RIVER WTHR ROCK CORE FIN	1	20OCT86	.
MAIN DAM EXC RIVER SOUND ROCK ST	4	20OCT86	.
MAIN DAM EXC RIVER SOUND ROCK FIN	4	17NOV86	.
MAIN DAM EXC R BK SND ROCK ABV 1470	22	5JAN87	.
MAIN DAM EXC L BK SND ROCK ABV 1470	22	30MAR87	.
MAIN DAM START GRAVEL SHELLS FILL 87	10	19JAN87	.
MAIN DAM WINTER 87	26	31AUG87	.
MAIN DAM START CORE/GRAVEL SHELLS 88	26	29FEB88	.
MAIN DAM WINTER 88	26	29AUG88	.
MAIN DAM CORE/GRAVEL SHELLS FILL 89	26	27FEB89	.
MAIN DAM WINTER 89	26	28AUG89	.
MAIN DAM CORE/GRAVEL SHELLS FILL 90	26	26FEB90	.
MAIN DAM WINTER 90	26	27AUG90	.
MAIN DAM CORE GRAVEL SHELLS FILL 91ST	16	25FEB91	.
MAIN DAM CORE/GRAVEL SHELLS FILL 91FIN	10	17JUN91	.
MAIN DAM WINTER 91	26	26AUG91	.
MAIN DAM CORE/GRAVEL SHELLS FILL	26	24FEB92	.
MAIN DAM WINTER 92	26	24AUG92	.
MAIN DAM CORE/GRAVEL SHELLS FILL	26	22FEB93	.
MAIN DAM CONSOLIDATION GROUT 87	10	23MAR87	.
MAIN DAM CONSOLIDATION GROUT 87	12	1JUN87	.
MAIN DAM CONSOLIDATION GROUT 88	26	29FEB88	.
MAIN DAM CONSOLIDATION GROUT 89	26	27FEB89	.
IMPOUNDMT START IMPOUNDING JULY 91	36	17JUN91	.
IMPOUNDMT CONT IMPOUNDING	15	24FEB92	.
IMPOUNDMT CONT IMPOUNDING	32	8JUN92	.
IMPOUNDMT COMPLETE IMPOUNDING OCT 93	26	22FEB93	.
DIV TNLS ACCESS-CONTROL CHAMBER	40	4MAY87	.
DIV TNLS CONCRETE PLUGS	35	28AUG89	.
DIV TNLS INSTALL CONTROL GATES	40	30APR90	.
DIV TNLS CONCRETE LOWER PLUG	7	17JUN91	.
DIV TNLS SHRINKAGE RESTRAINT	2	5AUG91	.
DIV TNLS GROUT PLUG	2	19AUG91	.
P/H AC EX CONCRETE DRAFT TUBES	9	16MAY88	.
P/H AC EX ACCESS TNL-P/H 'A'	3	4MAY87	.
P/H AC EX ACCESS TNL-P/H 'B'	3	22JUN87	.

SUSITNA HYDRO PROJECT- WATANA CONSTRUCTION SCHED   PAGE 3

C P M SCHEDULE

TIME NOW 27SEP82

BFBI02A BI-WEEKLY BARCHART PART A

RUNDATE: 12-OCT-82 09:27:22 SORTED BY: AC CN

D E S C R I P T I O N	DUR WEEKS	SCHED START	82 83 84 85 SOCNODEJANFEMAAPMAJUJUAUGSEOCNODEJANFEMAAPMAJUJULAUSEOCNODECJAFEMAAPMAJU 2120202013121212020201012121202010131212020201013121202010131212120202 01 7158260371484815936048159260471592603726937148260370482593714815158260 37
P/H AC EX ACCESS TNL-P/H 'C'	2	13JUL87	.
P/H AC EX ACCESS TNL-P/H 'D'	3	27JUL87	.
P/H AC EX EXC UPPER VAULT	17	17AUG87	.
P/H AC EX EXC D/T UNITS #1-#3	4	14DEC87	.
P/H AC EX EXC DRAFT TUBES UNITS #4-#6	4	14DEC87	.
P/H AC EX EXC LWR VAULT SERVICE BAY-#3	10	11JAN88	.
P/H AC EX EXC BUS TUNNELS	6	11JAN88	.
P/H AC EX EXC LWR VAULT UNITS #4-#6	8	21MAR88	.
P/H AC EX CONCRETE BUS TUNNELS	3	16MAY88	.
P/H AC EX INSTALL BUS TUNNEL CABLES	17	6JUN88	.
PENSTOCKS EXC ACCESS TUNNELS	31	22JUN87	.
PENSTOCKS EXC ELBOW ACCESS	8	25JAN88	.
PENSTOCKS EXC LOWER HORIZ TNLS	47	21MAR88	.
PENSTOCKS EXC INCLINED TNL	70	13FEB89	.
PENSTOCKS CONCRETE TUNNELS	35	18JUN90	.
PENSTOCKS STEEL LINE LOWER TNLS	17	18JUN90	.
PENSTOCKS EXC PENSTOCKS UPPER TNLS	24	25JUL88	.
PF-GRT GL EXC GRTG GALLERY TUNNEL	6	31AUG87	.
PF-GRT GL GROUT TUNNEL	10	12OCT87	.
XFRMR GAL CONCRETE XFRMR GALLERY	8	17JUN91	.
XFRMR GAL INSTALL XFRMERS	25	12AUG91	.
XFRMR GAL EXC ACCESS TUNNELS	5	27JUL87	.
XFRMR GAL EXC XFRMER GALLERY	9	31AUG87	.
XFRMR GAL EXC CONNECTOR TUNNEL	6	2NOV87	.
XFRMR GAL EXC ACCESS SHAFT TUNNEL	1	2NOV87	.
XFRMR GAL EXC ACCESS SHAFT	20	9NOV87	.
PF CB SFT EXC CABLE SHAFTS	15	2NOV87	.
PF CB SFT CONCRETE CABLE SHAFTS	8	17JUN91	.
PF CB SFT INSTALL CABLE & MECH WORK	17	12AUG91	.
TAILR/SC EXC ACC TNL-TAILRACE/SURGE C	4	13JUL87	.
TAILR/SC EXC UPPER SURGE CHAMBER	9	10AUG87	.
TAILR/SC INSTALL GATES @ TAILRACE #1	5	19AUG91	.
TAILR/SC EXC PORTAL #1	5	9SEP85	.
TAILR/SC EXC TAILRACE #1	18	14OCT85	.
TAILR/SC EXC LWR SURGE CHAMBER 'A'	6	12OCT87	.
TAILR/SC EXC LWR SURGE CHAMBER 'B'	15	23NOV87	.
TAILR/SC EXC TAILRACE #2	11	7MAR88	.
TAILR/SC EXC CONNECTION TAILRACE/DIVSN	2	17JUN91	.
TAILR/SC CONCRETE PORTAL & TAILRACE #1	7	1JUL91	.
TAILR/SC CONCRETE TAILRACE #2	4	1JUL91	.
TAILR/SC CONCRETE SURGE CHAMBER	18	1JUL91	.
TAILR/SC INSTALL GATES @ SURGE CHAMBER	25	4NOV91	.
P/H CONC INSTALL P/H CRANE	7	22AUG88	.
P/H CONC CONCRETE SERVICE BAY	22	21MAR88	.
P/H CONC PRI CONC 'A' UNIT 1	19	22AUG88	.
P/H CONC PRI CONC 'B' UNIT 1	17	2JAN89	.
P/H CONC PRI CONC 'A' UNIT 2	19	2JAN89	.

SUSITNA HYDRO PROJECT- WATANA CONSTRUCTION SCHED PAGE 4

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BFBI02A     BI-WEEKLY BARCHART PART A        C P M    SCHEDULE                TIME NOW 27SEP82
RUNDATE:    12-OCT-82 09:27:22     SORTED BY: AC CN
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                                                       82      83                              84                                          85
                                                       SOCNODEJANFEMAAPMAJUJUAUGSEOCNODEJANFEMAAPMAJUJULAUSEOCNODECJAFEMAAPMAJU
                                                       212020201312121202020101212120201013121202020101312120201013121212020201
                                                       715826037148481593604815926047159260372693714826037048259371481515826037
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DESCRIPTION	DUR WEEKS	SCHED START	
P/H CONC PRI CONC 'B' UNIT 2	17	15MAY89	.
P/H CONC PRI CONC 'A' UNIT 3	19	15MAY89	.
P/H CONC PRI CONC 'B' UNIT 3	17	25SEP89	.
P/H CONC PRI CONC 'A' UNIT 4	19	25SEP89	.
P/H CONC PRI CONC 'B' UNIT 4	17	5FEB90	.
P/H CONC PRI CONC 'A' UNIT 5	19	5FEB90	.
P/H CONC PRI CONC 'B' UNIT 5	17	18JUN90	.
P/H CONC PRI CONC 'A' UNIT 6+WORK AREA	30	18JUN90	.
P/H CONC PRI CONC 'B' UNIT 6+WORK AREA	25	14JAN91	.
P/H CONC EMBEDDED PARTS UNIT 1	18	1MAY89	.
P/H CONC EMBEDDED PARTS UNIT 2	18	11SEP89	.
P/H CONC EMBEDDED PARTS UNIT 3	18	22JAN90	.
P/H CONC EMBEDDED PARTS UNIT 4	18	4JUN90	.
P/H CONC EMBEDDED PARTS UNIT 5	18	15OCT90	.
P/H CONC EMBED PARTS UNIT 6+WORK AREA	18	8JUL91	.
P/H CONC SEC CONC UNIT 1	15	4SEP89	.
P/H CONC SEC CONC UNIT 2	15	15JAN90	.
P/H CONC SEC CONC UNIT 3	15	28MAY90	.
P/H CONC SEC CONC UNIT 4	15	8OCT90	.
P/H CONC SEC CONC UNIT 5	15	18FEB91	.
P/H CONC SEC CONC UNIT6+WORK AREA	22	11NOV91	.
T/G INSTL INSTALL TURBINE UNIT 1	58	18DEC89	.
T/G INSTL INSTALL TURBINE UNIT 2	58	30APR90	.
T/G INSTL INSTALL TURBINE UNIT 3	58	10SEP90	.
T/G INSTL INSTALL TURBINE UNIT 4	58	21JAN91	.
T/G INSTL INSTALL TURBINE UNIT 5	58	3JUN91	.
T/G INSTL INSTALL TURBINE UNIT 6	58	13APR92	.
T/G INSTL INSTALL GENERATOR UNIT 1	58	18DEC89	.
T/G INSTL INSTALL GENERATOR UNIT 2	58	30APR90	.
T/G INSTL INSTALL GENERATOR UNIT 3	58	10SEP90	.
T/G INSTL INSTALL GENERATOR UNIT 4	58	21JAN91	.
T/G INSTL INSTALL GENERATOR UNIT 5	58	3JUN91	.
T/G INSTL INSTALL GENERATOR UNIT 6	58	13APR92	.
T/G INSTL TEST & COMMISION UNIT 1	6	27APR92	.
T/G INSTL TEST & COMMISION UNIT 2	6	8JUN92	.
T/G INSTL TEST & COMMISION UNIT 3	6	20JUL92	.
T/G INSTL TEST & COMMISION UNIT 4	6	31AUG92	.
T/G INSTL TEST & COMMISION UNIT 5	6	12OCT92	.
T/G INSTL TEST & COMMISION UNIT 6	6	24MAY93	.
MAIN SPWY EXC O/B APPROACH(LT BLOCK)	1	11APR88	.
MAIN SPWY EXC O/B STRUCTURE(LT BLOCK)	1	18APR88	.
MAIN SPWY CONC LEFT STRUCTURE	14	29AUG88	.
MAIN SPWY INSTALL GUIDES(LT STRUCT)	4	5DEC88	.
MAIN SPWY INSTALL GATES(LT STRUCT)	4	2JAN89	.
MAIN SPWY ERECT TOWER(LT STRUCT)	4	30JAN89	.
MAIN SPWY INSTALL HOISTS(LT STRUCT)	4	27FEB89	.
MAIN SPWY EXC ROCK APPROACH(LT BLOCK)	14	18APR88	.

C P M SCHEDULE

BFBI02A   BI-WEEKLY BARCHART PART A   TIME NOW 27SEP82

RUNDATE: 12-OCT-82 09:27:22   SORTED BY: AC CN

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82      83                                  84                                           85
SOCNODEJANFEMAAPMAJU.JAUGSEOCNODEJANFEMAAPMAJUJULAUSEOCNODECJAFEMAAPMAJU
21202020131212120202010121212020101312120202010131212020101312121202020 1
71582603714848159360481592604715926037269371482603704825937148151582 6037
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D E S C R I P T I O N	DUR WEEKS	SCHED START
MAIN SPWY EXC ROCK STRUCTURE	5	25JUL88
MAIN SPWY LAG	5	29AUG88
MAIN SPWY CONCRETE CENTER STRUCTURE	12	3OCT88
MAIN SPWY INSTALL GUIDES(CTR STRUCT)	4	2JAN89
MAIN SPWY INSTALL GATES(CTR STRUCT)	4	30JAN89
MAIN SPWY ERECT TOWER(CTR STRUCT)	4	27FEB89
MAIN SPWY INSTALL HOISTS(CTR STRUCT)	4	27MAR89
MAIN SPWY EXC DRAIN BLW STRUCTURE	4	25JUL88
MAIN SPWY CONCRETE RIGHT STRUCTURE	14	29AUG88
MAIN SPWY LAG	4	5DEC88
MAIN SPWY INSTALL GUIDES(RT STRUCT)	4	30JAN89
MAIN SPWY INSTALL GATES(RT STRUCT)	4	27FEB89
MAIN SPWY ERECT TOWER(RT STRUCT)	4	27MAR89
MAIN SPWY INSTALL HOIST(RT STRUCT)	4	24APR89
MAIN SPWY EXC DRAIN TUNNEL	19	3OCT88
MAIN SPWY EXC O/B @ SEC 'A'	1	11APR88
MAIN SPWY EXC ROCK @ SEC 'A'	3	18APR88
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC A	3	9MAY88
MAIN SPWY CONCRETE (SEC A)	4	30MAY88
MAIN SPWY EXC O/B (SEC B)	1	18APR88
MAIN SPWY EXC ROCK @ SEC B	3	9MAY88
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC A	3	30MAY88
MAIN SPWY LAG (SEC B)	2	11JUL88
MAIN SPWY CONCRETE (SEC B)	4	25JUL88
MAIN SPWY EXC O/B @ SEC C	1	25APR88
MAIN SPWY EXC ROCK @ SEC C	3	30MAY88
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC C	3	20JUN88
MAIN SPWY CONCRETE (SEC C)	4	11JUL88
MAIN SPWY EXC O/B @ SEC D	1	2MAY88
MAIN SPWY EXC ROCK @ SEC D	3	20JUN88
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC D	3	11JUL88
MAIN SPWY LAG (SEC D)	2	22AUG88
MAIN SPWY CONCRETE (SEC D)	4	5SEP88
MAIN SPWY EXC O/B @ SEC E	1	9MAY88
MAIN SPWY EXC ROCK @ SEC E	3	11JUL88
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC E	3	1AUG88
MAIN SPWY CONCRETE (SEC E)	4	22AUG88
MAIN SPWY EXC O/B @ SEC F	1	11APR88
MAIN SPWY EXC ROCK @ SEC F	2	18APR88
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC F	3	2MAY88
MAIN SPWY CONCRETE (SEC F)	3	19SEP88
MAIN SPWY EXC O/B @ SEC G	1	18APR88
MAIN SPWY EXC ROCK @ SEC G	2	2MAY88
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC G	3	23MAY88
MAIN SPWY LAG (SEC G)	2	19SEP88
MAIN SPWY CONCRETE (SEC G)	3	3OCT88
MAIN SPWY EXC O/B @ SEC H	1	25APR88

SUSITNA HYDRO PROJECT- WATANA CONSTRUCTION SCHED

PAGE 6

BFBI02A BI-WEEKLY BARCHART PART A — C P M SCHEDULE — TIME NOW 27SEP82

RUNDATE: 12-OCT-82 09:27:22 SORTED BY: AC CN

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 82  83                               84                                 85
SOCNODEJANFEMAAPMAJUJUAUGSEOCNODEJANFEMAAPMAJUJULAUSEOCNODECJAFEMAAPMAJU
2120202013121212020201012121202010131212020201013121202010131212120202 01
7158260371484815936048159260471592603726937148260370482593714815158260 37
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DESCRIPTION	DUR WEEKS	SCHED START	
MAIN SPWY EXC ROCK @ SEC H	2	16MAY88	.
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC H	3	13JUN88	.
MAIN SPWY CONCRETE (SEC H)	3	4JUL88	.
MAIN SPWY EXC O/B @ SEC I	1	2MAY88	.
MAIN SPWY EXC ROCK @ SEC I	2	30MAY88	.
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC I	3	4JUL88	.
MAIN SPWY LAG (SEC I)	2	12DEC88	.
MAIN SPWY CONCRETE (SEC I)	3	26DEC88	.
MAIN SPWY EXC O/B @ VALVE BLK/OUTFALL	1	9MAY88	.
MAIN SPWY EXC ROCK @ VALVE BLK/OUTFALL	16	13JUN88	.
MAIN SPWY DRILL ANCRS/INSTL DRAINS VB/OF	6	3OCT88	.
MAIN SPWY CONCRETE (BLOCK)	22	12DEC88	.
MAIN SPWY CONCRETE (OUTFALL)	4	14NOV88	.
EMER SPWY EXC O/B APPROACH	4	15APR91	.
EMER SPWY EXC ROCK APPROACH	26	13MAY91	.
EMER SPWY CONSTRUCT BRIDGE	50	11NOV91	.
EMER SPWY EXC O/B UPPER CHUTE	16	15APR91	.
EMER SPWY EXC ROCK UPPER CHUTE	48	5AUG91	.
EMER SPWY CONSTRUCT FUSE PLUG	5	6JUL92	.
EMER SPWY EXC O/B LOWER CHUTE	16	15APR91	.
EMER SPWY EXC ROCK LOWER CHUTE	48	5AUG91	.
POWR INTK EXC O/B(+ OUT FACS INTAKE)	4	29JUN87	.
POWR INTK EXC ROCK(+ OUT FACS INTAKE)	52	27JUL87	.
POWR INTK DRILL ANCHORS INTAKE #1	3	25JUL88	.
POWR INTK CONRETE INTAKE #1	31	15AUG88	.
POWR INTK INSTALL GUIDES INTAKE #1	10	20MAR89	.
POWR INTK INSTALL GATE INTAKE #1	10	29MAY89	.
POWR INTK ERECT TOWER INTAKE #1	10	7AUG89	.
POWR INTK ERECT HOIST INTAKE #1	5	16OCT89	.
POWR INTK DRILL ANCHORS INTAKE #2	3	15AUG88	.
POWR INTK LAG	5	26SEP88	.
POWR INTK CONCRETE INTAKE #2	31	31OCT88	.
POWR INTK INSTALL GUIDES INTAKE #2	10	5JUN89	.
POWR INTK INSTALL GATE INTAKE #2	10	14AUG89	.
POWR INTK ERECT TOWER INTAKE #2	10	23OCT89	.
POWR INTK ERECT HOIST INTAKE #2	5	1JAN90	.
POWR INTK DRILL ANCHORS INTAKE #3	3	5SEP88	.
POWR INTK CONCRETE INTAKE #3	31	26SEP88	.
POWR INTK INSTALL GUIDES INTAKE #3	10	14AUG89	.
POWR INTK INSTALL GATE INTAKE #3	10	23OCT89	.
POWR INTK ERECT TOWER INTAKE #3	10	1JAN90	.
POWR INTK ERECT HOIST INTAKE #3	5	12MAR90	.
POWR INTK DRILL ANCHORS INTAKE #4	3	25JUL88	.
POWR INTK LAG	5	26SEP88	.
POWR INTK CONCRETE INTAKE #4	31	31OCT88	.
POWR INTK INSTALL GUIDES INTAKE #4	10	23OCT89	.
POWR INTK INSTALL GATE INTAKE #4	10	1JAN90	.

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SUSITNA HYDRO PROJECT- WATANA CONSTRUCTION SCHED                                                                     PAGE      7
                                            C P M    SCHEDULE                                                  TIME NOW 27SEP82
BFBI02A     BI-WEEKLY BARCHART PART A
RUNDATE:    12-OCT-82 09:27:22      SORTED BY: AC CN
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                                                   DUR        SCHED       82      83                   84                          85
      D E S C R I P T I O N                        WEEKS      START    SOCNODEJANFEMAAPMAJUJUAUGSEOCNODEJANFEMAAPMAJUJULAUSEOCNODECJAFEMAAPMAJU
                                                                       21202020131212120202010121212020101312120202010131212020101312121202020 1
                                                                       7158260371484815936048159260471592603726937148260370482593714815158260 37
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DESCRIPTION			DUR WEEKS	SCHED START	
POWR INTK ERECT TOWER INTAKE #4			10	12MAR90	.
POWR INTK ERECT HOIST INTAKE #4			5	21MAY90	.
POWR INTK DRILL ANCHORS INTAKE #5			3	15AUG88	.
POWR INTK CONCRETE INTAKE #5			31	5SEP88	.
POWR INTK INSTALL GUIDES INTAKE #5			10	1JAN90	.
POWR INTK INSTALL GATE INTAKE #5			10	12MAR90	.
POWR INTK ERECT TOWER INTAKE #5			10	21MAY90	.
POWR INTK ERECT HOIST INTAKE #5			5	30JUL90	.
POWR INTK DRILL ANCHORS INTAKE #6			3	5SEP88	.
POWR INTK LAG			5	17OCT88	.
POWR INTK CONCRETE INTAKE #6			31	21NOV88	.
POWR INTK INSTALL GUIDES INTAKE #6			10	12MAR90	.
POWR INTK INSTALL GATE INTAKE #6			10	21MAY90	.
POWR INTK ERECT TOWER INTAKE #6			10	30JUL90	.
POWR INTK ERECT HOIST INTAKE #6			5	8OCT90	.
POWR INTK DRILL ANCHORS OUTLET INTAKE			3	26SEP88	.
POWR INTK CONCRETE OUTLET INTAKE			31	17OCT88	.
POWR INTK INSTALL GUIDES OUTLET INTAKE			5	21MAY90	.
POWR INTK INSTALL GATE OUTLET INTAKE			5	30JUL90	.
POWR INTK ERECT TOWER OUTLET INTAKE			5	8OCT90	.
POWR INTK ERECT HOIST OUTLET INTAKE			5	12NOV90	.
OUTL FACS EXC TOP 100' TUNNEL			2	25JUL88	.
OUTL FACS EXC TNL FROM LOWER END		ST	10	3OCT88	.
OUTL FACS EXC TNL FROM LOWER END		FIN	46	12DEC88	.
OUTL FACS CONCRETE TUNNEL			20	30OCT89	.
OUTL FACS INSTALL MECH LINE & VALVES			20	19MAR90	.
REL CHANL EXC OVERBURDEN		ST	8	4MAY92	.
REL CHANL EXC OVERBURDEN		FIN	9	29JUN92	.
REL CHANL PLACE FILL		ST	9	29JUN92	.
REL CHANL PLACE FILL		FIN	9	31AUG92	.
REL CHANL PLACE RIP RAP			15	31AUG92	.
MD DRN&GRT-EXC	HOR TUN SPILLWAY	RT	14	25JUL88	.
MD DRN&GRT-DRN&GRT	HOR TUN SPILLWAY	RT	12	31OCT88	.
MD DRN&GRT-EXC	HOR TUN 2140	RT	2	27JAN86	.
MD DRN&GRT-DRN&GRT	HOR TUN 2140	RT	3	10FEB86	.
MD DRN&GRT-EXC	HOR TUN 1960	RT	2	27JAN86	.
MD DRN&GRT-DRN&GRT	HOR TUN 1960	RT	1	10FEB86	.
MD DRN&GRT-EXC	HOR TUN 1750 ST	RT	2	18NOV85	.
MD DRN&GRT-EXC	HOR TUN 1750 FIN	RT	1	2DEC85	.
MD DRN&GRT-DRN&GRT	HOR TUN 1750	RT	1	5MAY86	.
MD DRN&GRT-EXC	HOR TUN 1400 ST	RT	2	9SEP85	.
MD DRN&GRT-EXC	HOR TUN 1400 CT	RT	3	23SEP85	.
MD DRN&GRT-EXC	HOR TUN 1400 FIN	RT	1	14OCT85	.
MD DRN&GRT-DRN&GRT	HOR TUN 1400	RT	1	23SEP85	.
MD DRN&GRT-EXC	HOR TUN 1400 D/S	RT	22	9SEP85	.
MD DRN&GRT-EXC	SHAFT 1750-1400	RT	4	10FEB86	.
MD DRN&GRT-MECH	SHAFT 1750-1400	RT	8	10MAR86	.

SUSITNA HYDRO PROJECT- WATANA CONSTRUCTION SCHED

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C P M SCHEDULE

BFBI02A BI-WEEKLY BARCHART PART A

TIME NOW 27SEP82

RUNDATE: 12-OCT-82 09:27:22 SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START	82 83 84 85 SUCNODEJANFEMAAPMAJUJUAUGSEOCNODEJANFEMAAPMAJUJULAUSEOCNODECJAFEMAAPMAJU 2120202013121212020201012121202010131212020201013121202010131212120202 01 7158260371484815936048159260471592603726937148260370482593714815158260 37
MD DRN&GRT-EXC INC TUN 1960-2140 RT	8	10FEB86	.
MD DRN&GRT-DRN&GRT INC TUN 1960-2140 RT	9	7APR86	.
MD DRN&GRT-EXC INC TUN 1750-1960 RT	8	10FEB86	.
MD DRN&GRT-DRN&GRT INC TUN 1750-1960 RT	15	7APR86	.
MD DRN&GRT-EXC INC TUN 1290-1400 RT	11	14OCT85	.
MD DRN&GRT-DRN&GRT INC TUN 1290-1400 RT	25	30DEC85	.
MD DRN&GRT-EXC BASE TUN 1290 ST RT	6	30DEC85	.
MD DRN&GRT-EXC BASE TUN 2130 FIN RT	1	10FEB86	.
MD DRN&GRT-DRN&GRT BASE TUN 1290 RT	12	11MAY87	.
MD DRN&GRT-EXC HOR TUN 2130 ST LT	5	24NOV86	.
MD DRN&GRT-EXC HOR TUN 2130 FIN LT	6	29DEC86	.
MD DRN&GRT-DRN&GRT HOR TUN 2130 LT	8	9FEB87	.
MD DRN&GRT-EXC HOR TUN 1950 LT	2	24NOV86	.
MD DRN&GRT-DRN&GRT HOR TUN 1950 LT	1	8DEC86	.
MD DRN&GRT-EXC HOR TUN 1750 LT	2	13OCT86	.
MD DRN&GRT-DRN&GRT HOR TUN 1750 LT	1	27OCT86	.
MD DRN&GRT-EXC HOR TUN 1490 ST LT	2	1SEP86	.
MD DRN&GRT-EXC HOR TUN 1490 FIN LT	3	15SEP86	.
MD DRN&GRT-DRN&GRT HOR TUN 1490 LT	1	18MAY87	.
MD DRN&GRT-EXC HOR TUN 1490 D/S LT	25	1SEP86	.
MD DRN&GRT-EXC SHAFT 1490-1750 LT	4	23FEB87	.
MD DRN&GRT-MECH SHAFT 1490-1750 LT	8	23MAR87	.
MD DRN&GRT-EXC SHAFT 1290-1490 LT	3	23FEB87	.
MD DRN&GRT-MECH SHAFT 1290-1490 LT	8	16MAR87	.
MD DRN&GRT-EXC INC TUN 1950-2130 LT	11	8DEC86	.
MD DRN&GRT-DRN&GRT INC TUN 1950-2130 LT	22	23FEB87	.
MD DRN&GRT-EXC INC TUN 1750-1950 LT	8	27OCT86	.
MD DRN&GRT-DRN&GRT INC TUN 1750-1950 LT	10	22DEC86	.
PROJECT COMPLETE-ALL UNITS ON LINE		23AUG93	.

DRB3:[MEILHEDE.WASCH]BFBI02B.LIS;1

WATS. MFL; 12

SUSITNA HYDRO PROJECT- WATANA CONSTRUCTION SCHED PAGE 1

C P M SCHEDULE

BFBI02B BI-WEEKLY BARCHART PART B TIME NOW 27SEP82

RUNDATE: 12-OCT-82 09:29:05 SORTED BY: AC CN

D E S C R I P T I O N		DUR WEEKS	SCHED START	85 86 87 88 JJULAUSEOCNODECJAFEMAAPMAJUNJUAUSEOCNODECJAFEMAAPMAJUNJUAUSEOCNODECJAFEN 1012120202010131212120201013121202020101212020202010121212020101312120 20 7159269371482603704047159260481582603715926939360481593704715926048158 27
FERC LIC	ISSUE FERC LICENSE	118	27SEP82	
PIONR RD	-CONST PIONEER RD	72	4JUL83	
MAIN ACCS	-MOB MAIN ACCESS RD CONST	13	31DEC84	
MAIN ACCS	CONST SUBGRADE/BRIDGE FDNS	29	1APR85	CCCCCCCCL
MAIN ACCS	-WINTER 85	26	21OCT85	CCCCCCCCCCCCL
MAIN ACCS	-CONST BASE & BRIDGE STRUCT	26	21APR86	CCCCCCCCCCCCL
MAIN ACCS	-WINTER 86	26	20OCT86	CCCCCCCCCCCCL
MAIN ACCS	-CONST PAVING	25	20APR87	CCCCCCCCCCCCL
SITE FACL	-PROVIDE 160' MAN CAMP	72	27SEP82	
SITE FACL	-MOB '500' MAN CAMP	13	31DEC84	
SITE FACL	-CONST PHASE 1	61	1APR85	XXXXXXXXXXXXXXXXXXXXXXXXXL
SITE FACL	-CONST PHASE 2	61	2JUN86	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXL
SITE FACL	-CONST PHASE 3	61	3AUG87	XXXXXXXXXXXXXXXXX
SITE FACL	-MOB PHASE 1 CONSTN FACILITIES	13	31DEC84	L
DIV TNLS	-SET TUNNEL CONC PLANT	25	1APR85	XXXXXXX L
DIV TNLS	-EXC UPPER TUNNEL FROM D/S	32	5AUG85	XXXXXXXXXXXXXXXXX L
DIV TNLS	-MOB DIVERSION CONTRACTOR	13	31DEC84	
DIV TNLS	-CONST ACCESS D/S PORTAL	8	1APR85	L
COFFRDMS	PREP MATERIAL FOR C/D' S	30	1APR85	XXXXXXXXXX L
DIV TNLS	-EXC D/S PORTAL	10	27MAY85	XXXX L
DIV TNLS	-CONST ACCESS U/S PORTAL	5	27MAY85	X L
DIV TNLS	-EXC LOWER TUNNEL FROM D/S	26	5AUG85	XXXXXXXXXXXXXX L
DIV TNLS	-EXC UPPER TUNNEL FROM U/S	20	3FEB86	XXXXXXXXXXX L
DIV TNLS	-CONC LOWER TUNNEL	20	3FEB86	XXXXXXXXXXX L
DIV TNLS	-CONC UPPER TUNNEL & PORTALS	26	23JUN86	XXXXXXXXXXXXXX L
DIV TNLS	-EXC U/S PORTAL	7	1JUL85	XXXX L
DIV TNLS	-EXC LOWER TUNNEL FROM U/S	22	19AUG85	XXXXXXXXXXXX L
DIV TNLS	-CONC D/S PORTAL LOWER	15	23SEP85	XXXXXXXX L
DIV "S	-CONC U/S PORTAL LOWER	20	19AUG85	XXXXXXXXXXX L
COFF...S	CONST ACCESS TO C/D' S	4	28OCT85	XXX L
COFFRDMS	EXC C/D' S	4	25NOV85	XXX L
COFFRDMS	START C/D FILL	8	23DEC85	XXXXX L
COFFRDMS	CLOSE C/D	2	23JUN86	XX L
COFFRDMS	INSTALL CUTOFF WALLS	8	7JUL86	XXXXX L
COFFRDMS	INITIAL DEWATER	4	1SEP86	XXX L
COFFRDMS	CONTINUE DEWATER TO 16OCT89	147	29SEP86	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
COFFRDMS	FIN COFFERDAMS	20	1SEP86	XXXXXXXXXXXX L
SITE ACCS	DEV ACCS @ D/S OUTLET AREA	10	1JUL85	XXXXX L
SITE ACCS	DEV ACCS-TOP LT BANK	10	18NOV85	XXXXX L
SITE ACCS	DEV ACCS-LOWER LT BANK	8	7JUL86	XXXXX L
SITE ACCS	DEV ACCS-MIDDLE RT BANK	6	1SEP86	XXXX L
SITE ACCS	DEV ACCS-TOP RT BANK	6	13OCT86	XXXX L
SITE ACCS	DEV ACCS-MIDDLE LT BANK	10	9SEP85	XXXXX L
MAIN DAM	MOBILIZE CONTRACTOR	13	1APR85	X L
MAIN DAM	EXC RIV ALLUV CORE ST	2	7JUL86	XX L
MAIN DAM	EXC RIV ALLUV CORE FIN	2	29SEP86	XX L
MAIN DAM	EXC RIV ALLUV SHELL ST	7	13OCT86	XXXX L

14112 G.B.

SUSITNA HYDRO PROJECT- WATANA CONSTRUCTION SCHED PAGE 2

C P M SCHEDULE

BF. 2B BI-WEEKLY BARCHART PART B TIME NOW 27SEP82

RUN. TE: 12-OCT-82 09:29:05 SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START	85 86 87 88 JUL AUSEOCNODEC JAFEMAAPMAJUNJUAUSEOCNODEC JAFEMAAPMAJUNJUAUSEOCNODEC JAFEM 101212020201013121212020101312120202010121202020201012121202010131212020 715926937148260370404715926048158260371592693936048159370471592604815827
RAIN DAM EXC RIV ALLUV SHELL FIN	7	1DEC86	XXXX L
MAIN DAM EXC R BK O/B+W/R 1470-1800ST	13	1JUL85	XXXXXXX L
MAIN DAM EXC R BK O/B+W/R 1470-1800FIN	13	7JUL86	XXXXXXX L
MAIN DAM EXC RB O/B+W/R ABV 1800 ST	13	6OCT86	XXXXXXX L
MAIN DAM EXC RB O/B+W/R ABV 1800 FIN	12	5JAN87	XXXXXXX
MAIN DAM EXC RIVER WTHR ROCK SHELL ST	4	1DEC86	XX L
MAIN DAM EXC RIVER WTHR ROCK SHELL FIN	4	29DEC86	XX L
MAIN DAM EXC L BK O/B+W/R 1470-1800	25	-JUL86	XXXXXXXXXXXXX L
MAIN DAM EXC LB O/B+W/R ABV 1800 ST	13	29DEC86	XXXXXXX L
MAIN DAM EXC LB O/B+W/R ABV 1800 FIN	12	30MAR87	XXXXXXX
MAIN DAM EXC RIVER WTHR ROCK CORE ST	1	13OCT86	X L
MAIN DAM EXC RIVER WTHR ROCK CORE FIN	1	20OCT86	X L
MAIN DAM EXC RIVER SOUND ROCK ST	4	20OCT86	XX L
MAIN DAM EXC RIVER SOUND ROCK FIN	4	17NOV86	XX L
MAIN DAM EXC R BK SND ROCK ABV 1470	22	5JAN87	XXXXXXXXXXXX L
MAIN DAM EXC L BK SND ROCK ABV 1470	22	30MAR87	XXXXXXXXXXXX L
MAIN DAM START GRAVEL SHELLS FILL 87	10	19JAN87	XXXXXX L
MAIN DAM WINTER 87	26	31AUG87	XXXXXXXXXXXXXX
MAIN DAM START CORE/GRAVEL SHELLS 88	26	29FEB88	XX
MAIN DAM WINTER 88	26	29AUG88	
MAIN DAM CORE/GRAVEL SHELLS FILL 89	26	27FEB89	
MAIN DAM WINTER 89	26	28AUG89	
MAIN DAM CORE/GRAVEL SHELLS FILL 90	26	26FEB90	
MAIN DAM WINTER 90	26	27AUG90	
MAIN DAM CORE GRAVEL SHELLS FILL 91ST	16	25FEB91	
MAIN DAM CORE/GRAVEL SHELLS FILL 91FIN	10	17JUN91	
MAIN DAM WINTER 91	26	26AUG91	
MAIN DAM CORE/GRAVEL SHELLS FILL	26	24FEB92	
MAIN DAM WINTER 92	26	24AUG92	
MAIN DAM CORE/GRAVEL SHELLS FILL	26	22FEB93	
MAIN DAM CONSOLIDATION GROUT 87	10	23MAR87	XXXXX L
MAIN DAM CONSOLIDATION GROUT 87	12	1JUN87	XXXXXX L
MAIN DAM CONSOLIDATION GROUT 88	26	29FEB88	XX
MAIN DAM CONSOLIDATION GROUT 89	26	27FEB89	
IMPOUNDMT START IMPOUNDING JULY 91	36	17JUN91	
IMPOUNDMT CONT IMPOUNDING	15	24FEB92	
IMPOUNDMT CONT IMPOUNDING	37	8JUN92	
IMPOUNDMT COMPLETE IMPOUNDING OCT 93	26	22FEB93	
DIV TNLS ACCESS-CONTROL CHAMBER	40	4MAY87	XXXXXXXXXXXXXXXXXXXX
DIV TNLS CONCRETE PLUGS	35	28AUG89	
DIV TNLS INSTALL CONTROL GATES	40	30APR90	
DIV TNLS CONCRETE LOWER PLUG	7	17JUN91	
DIV TNLS SHRINKAGE RESTRAINT	2	5AUG91	
DIV TNLS GROUT PLUG	2	19AUG91	
P/H AC EX CONCRETE DRAFT TUBES	9	16MAY88	
P/H AC EX ACCESS TNL-P/H 'A'	7	4MAY87	XXXX
P/H AC EX ACCESS TNL-P/H 'B'	3	22JUN87	XX

SUSITNA HYDRO PROJECT- WATANA CONSTRUCTION SCHED — PAGE 3

C P M SCHEDULE — TIME NOW 27SEP82

BFBI02B BI-WEEKLY BARCHART PART B

RUNDATE: 12-OCT-82 09:29:05 SORTED BY: AC CN

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85            86                              87                        88
JJULAUSEOCNODECJAFEMAAPMAJUNJUAUSEOCNODECJAFEMAAPMAJUNJUAUSEOCNOVDEJAFEM
1012120202010131212120201013121202020101212020202010121212020101312120 20
7159269371482603704047159260481582603715926939360481593704715926048 15827
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DESCRIPTION	DUR WEEKS	SCHED START	BAR
R/H AC EX ACCESS TNL-P/H 'C'	2	13JUL87	X
P/H AC EX ACCESS TNL-P/H 'D'	3	27JUL87	XX
P/H AC EX EXC UPPER VAULT	17	17AUG87	XXXXXXXXX
P/H AC EX EXC D/T UNITS #1-#3	4	14DEC87	XX
P/H AC EX EXC DRAFT TUBES UNITS #4-#6	4	14DEC87	XX
P/H AC EX EXC LWR VAULT SERVICE BAY-#3	10	11JAN88	XXXXX
P/H AC EX EXC BUS TUNNELS	6	11JAN88	XXX
P/H AC EX EXC LWR VAULT UNITS #4-#6	8	21MAR88	
P/H AC EX CONCRETE BUS TUNNELS	3	16MAY88	
P/H AC EX INSTALL BUS TUNNEL CABLES	17	6JUN88	
PENSTOCKS EXC ACCESS TUNNELS	31	22JUN87	XXXXXXXXXXXXXXXX
PENSTOCKS EXC ELBOW ACCESS	8	25JAN88	XXXX
PENSTOCKS EXC LOWER HORIZ TNLS	47	21MAR88	
PENSTOCKS EXC INCLINED TNL	70	13FEB89	
PENSTOCKS CONCRETE TUNNELS	35	18JUN90	
PENSTOCKS STEEL LINE LOWER TNLS	17	18JUN90	
PENSTOCKS EXC PENSTOCKS UPPER TNLS	24	25JUL88	
PF-GRT GL EXC GRTG GALLERY TUNNEL	6	31AUG87	XXXX
PF-GRT GL GROUT TUNNEL	10	12OCT87	XXXXXX
XFRMR GAL CONCRETE XFRMR GALLERY	8	17JUN91	
XFRMR GAL INSTALL XFRMERS	25	12AUG91	
XFRMR GAL EXC ACCESS TUNNELS	5	27JUL87	XXX
XFRMR GAL EXC XFRMER GALLERY	9	31AUG87	XXXXX
XFRMR GAL EXC CONNECTOR TUNNEL	6	2NOV87	XXX
XFRMR GAL EXC ACCESS SHAFT TUNNEL	1	2NOV87	X
XFRMR GAL EXC ACCESS SHAFT	20	9NOV87	XXXXXXXXXX
PF CB SFT EXC CABLE SHAFTS	15	2NOV87	XXXXXXXX
PF CB SFT CONCRETE CABLE SHAFTS	8	17JUN91	
PF CB SFT INSTALL CABLE & MECH WORK	17	12AUG91	
TAILR/SC EXC ACC TNL-TAILRACE/SURGE C	4	13JUL87	XX
TAILR/SC EXC UPPER SURGE CHAMBER	9	10AUG87	XXXXX
TAILR/SC INSTALL GATES @ TAILRACE #1	5	19AUG91	
TAILR/SC EXC PORTAL #1	5	9SEP85	XXX
TAILR/SC EXC TAILRACE #1	18	14OCT85	XXXXXXXXXX
TAILR/SC EXC LWR SURGE CHAMBER 'A'	6	12OCT87	XXXX
TAILR/SC EXC LWR SURGE CHAMBER 'B'	15	23NOV87	XXXXXXXX
TAILR/SC EXC TAILRACE #2	11	7MAR88	X
TAILR/SC EXC CONNECTION TAILRACE/DIVSN	2	17JUN91	
TAILR/SC CONCRETE PORTAL & TAILRACE #1	7	1JUL91	
TAILR/SC CONCRETE TAILRACE #2	4	1JUL91	
TAILR/SC CONCRETE SURGE CHAMBER	18	1JUL91	
TAILR/SC INSTALL GATES @ SURGE CHAMBER	25	4NOV91	
P/H CONC INSTALL P/H CRANE	7	22AUG88	
P/H CONC CONCRETE SERVICE BAY	22	21MAR88	
P/H CONC PRI CONC 'A' UNIT 1	19	22AUG88	
P/H CONC PRI CONC 'B' UNIT 1	17	2JAN89	
P/H CONC PRI CONC 'A' UNIT 2	19	2JAN89	

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SUSITNA HYDRO PROJECT- WATANA CONSTRUCTION SCHED PAGE 4

C P M SCHEDULE

BFBI02B BI-WEEKLY BARCHART PART B TIME NOW 27SEP82

RUNDATE: 12-OCT-82 09:29:05 SORTED BY: AC CN

D E S C R I P T I O N	DUR WEEKS	SCHED START	85 86 87 88 JJULAUSEOCNODECJAFEMAAPMAJUNJUAUSEOCNODECJAFEMAAPMAJUNJUAUSEOCNODEJAFEM 101212020201013121212020101312120202010121202020201012121202010131212020 715926937148260370404715926048158260371592693936048159370471592604815827
P/H CONC PRI CONC 'B' UNIT 2	17	15MAY89	
P/H CONC PRI CONC 'A' UNIT 3	19	15MAY89	
P/H CONC PRI CONC 'B' UNIT 3	17	25SEP89	
P/H CONC PRI CONC 'A' UNIT 4	19	25SEP89	
P/H CONC PRI CONC 'B' UNIT 4	17	5FEB90	
P/H CONC PRI CONC 'A' UNIT 5	19	5FEB90	
P/H CONC PRI CONC 'B' UNIT 5	17	18JUN90	
P/H CONC PRI CONC 'A' UNIT 6+WORK AREA	30	18JUN90	
P/H CONC PRI CONC 'B' UNIT 6+WORK AREA	25	14JAN91	
P/H CONC EMBEDDED PARTS UNIT 1	18	1MAY89	
P/H CONC EMBEDDED PARTS UNIT 2	18	11SEP89	
P/H CONC EMBEDDED PARTS UNIT 3	18	22JAN90	
P/H CONC EMBEDDED PARTS UNIT 4	18	4JUN90	
P/H CONC EMBEDDED PARTS UNIT 5	18	15OCT90	
P/H CONC EMBED PARTS UNIT 6+WORK AREA	18	8JUL91	
P/H CONC SEC CONC UNIT 1	15	4SEP89	
P/H CONC SEC CONC UNIT 2	15	15JAN90	
P/H CONC SEC CONC UNIT 3	15	28MAY90	
P/H CONC SEC CONC UNIT 4	15	8OCT90	
P/H CONC SEC CONC UNIT 5	15	18FEB91	
P/H CONC SEC CONC UNIT6+WORK AREA	22	11NOV91	
T/G INSTL INSTALL TURBINE UNIT 1	58	18DEC89	
T/G INSTL INSTALL TURBINE UNIT 2	58	30APR90	
T/G INSTL INSTALL TURBINE UNIT 3	58	10SEP90	
T/G INSTL INSTALL TURBINE UNIT 4	58	21JAN91	
T/G INSTL INSTALL TURBINE UNIT 5	58	3JUN91	
T/G INSTL INSTALL TURBINE UNIT 6	58	13APR92	
T/G INSTL INSTALL GENERATOR UNIT 1	58	18DEC89	
T/G INSTL INSTALL GENERATOR UNIT 2	58	30APR90	
T/G INSTL INSTALL GENERATOR UNIT 3	58	10SEP90	
T/G INSTL INSTALL GENERATOR UNIT 4	58	21JAN91	
T/G INSTL INSTALL GENERATOR UNIT 5	58	3JUN91	
T/G INSTL INSTALL GENERATOR UNIT 6	58	13APR92	
T/G INSTL TEST & COMMISION UNIT 1	6	27APR92	
T/G INSTL TEST & COMMISION UNIT 2	6	8JUN92	
T/G INSTL TEST & COMMISION UNIT 3	6	20JUL92	
T/G INSTL TEST & COMMISION UNIT 4	6	31AUG92	
T/G INSTL TEST & COMMISION UNIT 5	6	12OCT92	
T/G INSTL TEST & COMMISION UNIT 6	6	24MAY93	
MAIN SPWY EXC O/B APPROACH(LT BLOCK)	1	11APR88	
MAIN SPWY EXC O/B STRUCTURE(LT BLOCK)	1	18APR88	
MAIN SPWY CONC LEFT STRUCTURE	14	29AUG88	
MAIN SPWY INSTALL GUIDES(LT STRUCT)	4	5DEC88	
MAIN SPWY INSTALL GATES(LT STRUCT)	4	2JAN89	
MAIN SPWY ERECT TOWER(LT STRUCT)	4	30JAN89	
MAIN SPWY INSTALL HOISTS(LT STRUCT)	4	27FEB89	
MAIN SPWY EXC ROCK APPROACH(LT BLOCK)	14	18APR88	

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SUSITNA HYDRO PROJECT- WATANA CONSTRUCTION SCHED PAGE 5

C P M SCHEDULE

BFBI02B BI-WEEKLY BARCHART PART B TIME NOW 27SEP82

RUNDATE: 12-OCT-82 09:29:05 SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START	85 86 87 88 JJULAUSESOCNODECJAFEMAAPMAJUNJUAUSEOCNODECJAFEMAAPMAJUNJUAUSEOCNOVDEJAFEM 101212020201013121212020101312120202010121202020201012121202010131212020 715926937148260370404715926048158260371592693936048159370471592604815827
RAIN SPWY EXC ROCK STRUCTURE	5	25JUL88	
MAIN SPWY LAG	5	29AUG88	
MAIN SPWY CONCRETE CENTER STRUCTURE	12	3OCT88	
MAIN SPWY INSTALL GUIDES(CTR STRUCT)	4	2JAN89	
MAIN SPWY INSTALL GATES(CTR STRUCT)	4	30JAN89	
MAIN SPWY ERECT TOWER(CTR STRUCT)	4	27FEB89	
MAIN SPWY INSTALL HOISTS(CTR STRUCT)	4	27MAR89	
MAIN SPWY EXC DRAIN BLW STRUCTURE	4	25JUL88	
MAIN SPWY CONCRETE RIGHT STRUCTURE	14	29AUG88	
MAIN SPWY LAG	4	5DEC88	
MAIN SPWY INSTALL GUIDES(RT STRUCT)	4	30JAN89	
MAIN SPWY INSTALL GATES(RT STRUCT)	4	27FEB89	
MAIN SPWY ERECT TOWER(RT STRUCT)	4	27MAR89	
MAIN SPWY INSTALL HOIST(RT STRUCT)	4	24APR89	
MAIN SPWY EXC DRAIN TUNNEL	19	3OCT88	
MAIN SPWY EXC O/B @ SEC 'A'	1	11APR88	
MAIN SPWY EXC ROCK @ SEC 'A'	3	18APR88	
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC A	3	9MAY88	
MAIN SPWY CONCRETE (SEC A)	4	30MAY88	
MAIN SPWY EXC O/B (SEC B)	1	18APR88	
MAIN SPWY EXC ROCK @ SEC B	3	9MAY88	
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC A	3	30MAY88	
MAIN SPWY LAG (SEC B)	2	11JUL88	
MAIN SPWY CONCRETE (SEC B)	4	25JUL88	
MAIN SPWY EXC O/B @ SEC C	1	25APR88	
MAIN SPWY EXC ROCK @ SEC C	3	30MAY88	
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC C	3	20JUN88	
MAIN SPWY CONCRETE (SEC C)	4	11JUL88	
MAIN SPWY EXC O/B @ SEC D	1	2MAY88	
MAIN SPWY EXC ROCK @ SEC D	3	20JUN88	
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC D	3	11JUL88	
MAIN SPWY LAG (SEC D)	2	22AUG88	
MAIN SPWY CONCRETE (SEC D)	4	5SEP88	
MAIN SPWY EXC O/B @ SEC E	1	9MAY88	
MAIN SPWY EXC ROCK @ SEC E	3	11JUL88	
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC E	3	1AUG88	
MAIN SPWY CONCRETE (SEC E)	4	22AUG88	
MAIN SPWY EXC O/B @ SEC F	1	11APR88	
MAIN SPWY EXC ROCK @ SEC F	2	18APR88	
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC F	3	2MAY88	
MAIN SPWY CONCRETE (SEC F)	3	19SEP88	
MAIN SPWY EXC O/B @ SEC G	1	18APR88	
MAIN SPWY EXC ROCK @ SEC G	2	2MAY88	
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC G	3	23MAY88	
MAIN SPWY LAG (SEC G)	2	19SEP88	
MAIN SPWY CONCRETE (SEC G)	3	3OCT88	
MAIN SPWY EXC O/B @ SEC H	1	25APR88	

SUSITNA HYDRO PROJECT- WATANA CONSTRUCTION SCHED

C P M SCHEDULE

TIME NOW 27SEP82

BFBI02B BI-WEEKLY BARCHART PART B

RUNDATE: 12-OCT-82 09:29:05 SORTED BY: AC CN

D E S C R I P T I O N	DUR WEEKS	SCHED START	85 86 87 88 JJULAUSEOCNODECJAFEMAAPMAJUNJUAUSEOCNODECJAFEMAAPMAJUNJUAUSEOCNODEJAFEM 101212020201013121212020101312120202010121202020201012121202010131212020 715926937148260370404715926048158260371592693936048159370471592604815827
RAIN SPWY EXC ROCK @ SEC H	2	16MAY88	
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC H	3	13JUN88	
MAIN SPWY CONCRETE (SEC H)	3	4JUL88	
MAIN SPWY EXC O/B @ SEC I	1	2MAY88	
MAIN SPWY EXC ROCK @ SEC I	2	30MAY88	
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC I	3	4JUL88	
MAIN SPWY LAG (SEC I)	2	12DEC88	
MAIN SPWY CONCRETE (SEC I)	3	26DEC88	
MAIN SPWY EXC O/B @ VALVE BLK/OUTFALL	1	9MAY88	
MAIN SPWY EXC ROCK @ VALVE BLK/OUTFALL	16	13JUN88	
MAIN SPWY DRILL ANCRS/INSTL DRAINS VB/OF	6	3OCT88	
MAIN SPWY CONCRETE (BLOCK)	22	12DEC88	
MAIN SPWY CONCRETE (OUTFALL)	4	14NOV88	
EMER SPWY EXC O/B APPROACH	4	15APR91	
EMER SPWY EXC ROCK APPROACH	26	13MAY91	
EMER SPWY CONSTRUCT BRIDGE	50	11NOV91	
EMER SPWY EXC O/B UPPER CHUTE	16	15APR91	
EMER SPWY EXC ROCK UPPER CHUTE	48	5AUG91	
EMER SPWY CONSTRUCT FUSE PLUG	5	6JUL92	
EMER SPWY EXC O/B LOWER CHUTE	16	15APR91	
EMER SPWY EXC ROCK LOWER CHUTE	48	5AUG91	
POWR INTK EXC O/B(+ OUT FACS INTAKE)	4	29JUN87	XX
POWR INTK EXC ROCK(+ OUT FACS INTAKE)	52	27JUL87	XXXXXXXXXXXXXXXXX
POWR INTK DRILL ANCHORS INTAKE #1	3	25JUL88	
POWR INTK CONRETE INTAKE #1	31	15AUG88	
POWR INTK INSTALL GUIDES INTAKE #1	10	20MAR89	
POWR INTK INSTALL GATE INTAKE #1	10	29MAY89	
POWR INTK ERECT TOWER INTAKE #1	10	7AUG89	
POWR INTK ERECT HOIST INTAKE #1	5	16OCT89	
POWR INTK DRILL ANCHORS INTAKE #2	3	15AUG88	
POWR INTK LAG	5	26SEP88	
POWR INTK CONCRETE INTAKE #2	31	31OCT88	
POWR INTK INSTALL GUIDES INTAKE #2	10	5JUN89	
POWR INTK INSTALL GATE INTAKE #2	10	14AUG89	
POWR INTK ERECT TOWER INTAKE #2	10	23OCT89	
POWR INTK ERECT HOIST INTAKE #2	5	1JAN90	
POWR INTK DRILL ANCHORS INTAKE #3	3	5SEP88	
POWR INTK CONCRETE INTAKE #3	31	26SEP88	
POWR INTK INSTALL GUIDES INTAKE #3	10	14AUG89	
POWR INTK INSTALL GATE INTAKE #3	10	23OCT89	
POWR INTK ERECT TOWER INTAKE #3	10	1JAN90	
POWR INTK ERECT HOIST INTAKE #3	5	12MAR90	
POWR INTK DRILL ANCHORS INTAKE #4	3	25JUL88	
POWR INTK LAG	5	26SEP88	
POWR INTK CONCRETE INTAKE #4	31	31OCT88	
POWR INTK INSTALL GUIDES INTAKE #4	10	23OCT89	
POWR INTK INSTALL GATE INTAKE #4	10	1JAN90	

SUSITNA HYDRO PROJECT- WATANA CONSTRUCTION SCHED PAGE 7

BFBI02B BI-WEEKLY BARCHART PART B C P M SCHEDULE TIME NOW 27SEP82

RUNDATE: 12-OCT-82 09:29:05 SORTED BY: AC CN

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                                                        85                   86                    87                    88
D E S C R I P T I O N                    DUR    SCHED   JJULAUSEOCNODECJAFEMAAPMAJUNJUAUSEOCNODECJAFEMAAPMAJUNJUAUSEOCNODECJAFEM
                                         WEEKS  START   101212020201013121212020101312120202010121202020201012121202010131212020
                                                        715926937148260370404715926048158260371592693936048159370471592604815827
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DESCRIPTION		DUR WEEKS	SCHED START	Chart
POWR INTK ERECT TOWER INTAKE #4		10	12MAR90	
POWR INTK ERECT HOIST INTAKE #4		5	21MAY90	
POWR INTK DRILL ANCHORS INTAKE #5		3	15AUG88	
POWR INTK CONCRETE INTAKE #5		31	5SEP88	
POWR INTK INSTALL GUIDES INTAKE #5		10	1JAN90	
POWR INTK INSTALL GATE INTAKE #5		10	12MAR90	
POWR INTK ERECT TOWER INTAKE #5		10	21MAY90	
POWR INTK ERECT HOIST INTAKE #5		5	30JUL90	
POWR INTK DRILL ANCHORS INTAKE #6		3	5SEP88	
POWR INTK LAG		5	17OCT88	
POWR INTK CONCRETE INTAKE #6		31	21NOV88	
POWR INTK INSTALL GUIDES INTAKE #6		10	12MAR90	
POWR INTK INSTALL GATE INTAKE #6		10	[illegible]MAY90	
POWR INTK ERECT TOWER INTAKE #6		10	30JUL90	
POWR INTK ERECT HOIST INTAKE #6		5	8OCT90	
POWR INTK DRILL ANCHORS OUTLET INTAKE		3	26SEP88	
POWR INTK CONCRETE OUTLET INTAKE		31	17OCT88	
POWR INTK INSTALL GUIDES OUTLET INTAKE		5	21MAY90	
POWR INTK INSTALL GATE OUTLET INTAKE		5	30JUL90	
POWR INTK ERECT TOWER OUTLET INTAKE		5	8OCT90	
POWR INTK ERECT HOIST OUTLET INTAKE		5	12NOV90	
OUTL FACS EXC TOP 100' TUNNEL		2	25JUL88	
OUTL FACS EXC TNL FROM LOWER END	ST	10	3OCT88	
OUTL FACS EXC TNL FROM LOWER END	FIN	46	12DEC88	
OUTL FACS CONCRETE TUNNEL		20	30OCT89	
OUTL FACS INSTALL MECH LINE & VALVES		20	19MAR90	
REL CHANL EXC OVERBURDEN	ST	8	4MAY92	
REL CHANL EXC OVERBURDEN	FIN	9	29JUN92	
REL CHANL PLACE FILL	ST	9	29JUN92	
REL CHANL PLACE FILL	FIN	9	31AUG92	
REL CHANL PLACE RIP RAP		15	31AUG92	
MD DRN&GRT-EXC HOR TUN SPILLWAY	RT	14	25JUL88	
MD DRN&GRT-DRN&GRT HOR TUN SPILLWAY	RT	12	31OCT88	
MD DRN&GRT-EXC HOR TUN 2140	RT	2	27JAN86	X L
MD DRN&GRT-DRN&GRT HOR TUN 2140	RT	3	10FEB86	XX
MD DRN&GRT-EXC HOR TUN 1960	RT	2	27JAN86	X L
MD DRN&GRT-DRN&GRT HOR TUN 1960	RT	1	10FEB86	X
MD DRN&GRT-EXC HOR TUN 1750 ST	RT	2	18NOV85	X L
MD DRN&GRT-EXC HOR TUN 1750 FIN	RT	1	2DEC85	X L
MD DRN&GRT-DRN&GRT HOR TUN 1750	RT	1	5MAY86	X
MD DRN&GRT-EXC HOR TUN 1400 ST	RT	2	9SEP85	X L
MD DRN&GRT-EXC HOR TUN 1400 CT	RT	3	23SEP85	XX L
MD DRN&GRT-EXC HOR TUN 1400 FIN	RT	1	14OCT85	X L
MD DRN&GRT-DRN&GRT HOR TUN 1400	RT	1	23SEP85	X
MD DRN&GRT-EXC HOR TUN 1400 D/S	RT	22	9SEP85	XXXXXXXXXXX L
MD DRN&GRT-EXC SHAFT 1750-1400	RT	4	10FEB86	XX L
MD DRN&GRT-MECH SHAFT 1750-1400	RT	8	10MAR86	XXXX

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SUSITNA HYDRO PROJECT- WATANA CONSTRUCTION SCHED                                                                      PAGE    8
                                             C P M   SCHEDULE                                                   TIME NOW 27SEP82
BFBI02B    BI-WEEKLY BARCHART PART B      --------------------
RUNDATE:   12-OCT-82 09:29:05    SORTED BY: AC CN
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                                          DUR      SCHED       85            86                        87                        88
    D E S C R I P T I O N             -   WEEKS    START    JJULAUSEOCNODECJAFEMAAPMAJUNJUAUSEOCNODECJAFEMAAPMAJUNJUAUSEOCNOVDEJAFEM
                                                            101212020201013121212020101312120202010121202020201012121202010131212020
                                                            715926937148260370404715926048158260371592693936048159370471592604815827
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RD DRN&GRT-EXC     INC TUN 1960-2140 RT       8    10FEB86                   XXXX                            L
MD DRN&GRT-DRN&GRT INC TUN 1960-2140 RT       9     7APR86                       XXXXX
MD DRN&GRT-EXC     INC TUN 1750-1960 RT       8    10FEB86                   XXXX                            L
MD DRN&GRT-DRN&GRT INC TUN 1750-1960 RT      15     7APR86                       XXXXXXXX
MD DRN&GRT-EXC     INC TUN 1290-1400 RT      11    14OCT85          XXXXXX                                L
MD DRN&GRT-DRN&GRT INC TUN 1290-1400 RT      25    30DEC85                XXXXXXXXXXXXX
MD DRN&GRT-EXC     BASE TUN 1290 ST  RT       6    30DEC85                XXX                                L
MD DRN&GRT-EXC     BASE TUN 2130 FIN RT       1    10FEB86                  X                                L
MD DRN&GRT-DRN&GRT BASE TUN 1290     RT      12    11MAY87                                                XXXXXXX
MD DRN&GRT-EXC     HOR TUN 2130 ST   LT       5    24NOV86                                    XXX       L
MD DRN&GRT-EXC     HOR TUN 2130 FIN  LT       6    29DEC86                                       XXX       L
MD DRN&GRT-DRN&GRT HOR TUN 2130      LT       8     9FEB87                                          XXXX
MD DRN&GRT-EXC     HOR TUN 1950      LT       2    24NOV86                                    XX      L
MD DRN&GRT-DRN&GRT HOR TUN 1950      LT       1     8DEC86                                     X
MD DRN&GRT-EXC     HOR TUN 1750      LT       2    13OCT86                                 XX          L
MD DRN&GRT-DRN&GRT HOR TUN 1750      LT       1    27OCT86                                  X
MD DRN&GRT-EXC     HOR TUN 1490 ST   LT       2     1SEP86                              XX              L
MD DRN&GRT-EXC     HOR TUN 1490 FIN  LT       3    15SEP86                               XX              L
MD DRN&GRT-DRN&GRT HOR TUN 1490      LT       1    18MAY87                                                 X
MD DRN&GRT-EXC     HOR TUN 1490 D/S  LT      25     1SEP86                              XXXXXXXXXXXXX    L
MD DRN&GRT-EXC     SHAFT   1490-1750 LT       4    23FEB87                                           XX    L
MD DRN&GRT-MECH    SHAFT   1490-1750 LT       8    23MAR87                                             XXXX
MD DRN&GRT-EXC     SHAFT   1290-1490 LT       3    23FEB87                                           XX    L
MD DRN&GRT-MECH    SHAFT   1290-1490 LT       8    16MAR87                                            XXXXX
MD DRN&GRT-EXC     INC TUN 1950-2130 LT      11     8DEC86                                     XXXXXX      L
MD DRN&GRT-DRN&GRT INC TUN 1950-2130 LT      22    23FEB87                                           XXXXXXXXXXX
MD DRN&GRT-EXC     INC TUN 1750-1950 LT       8    27OCT86                                  XXXXX          L
MD DRN&GRT-DRN&GRT INC TUN 1750-1950 LT      10    22DEC86                                      XXXXXX
PROJECT COMPLETE-ALL UNITS ON LINE                 23AUG93

DRB3:[MEILHEDE.WASCH]BFBI02C.LIS;1
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WATS, MFL; 12

SUSITNA HYDRO PROJECT- WATANA CONSTRUCTION SCHED — PAGE 1

C P M SCHEDULE

BFBI02C BI-WEEKLY BARCHART PART C — TIME NOW 27SEP82

RUNDATE: 12-OCT-82 09:34:03 SORTED BY: AC CN

D E S C R I P T I O N		DUR WEEKS	SCHED START	88 / 89 / 90 MAAPMAYJUJUAUSEOCTNODEJAFEMAAPMAYJUJUAUSEOCTNODEJAFEMAAPRMAJUJUAUSEOCTNO 020101312120201013121202020201012121202010131212020101013121202020101212 714826037158259371482693606037159260471482603715825959260481593603715926
FERC LIC ISSUE FERC LICENSE		118	27SEP82	
PIONR RD -CONST PIONEER RD		72	4JUL83	
MAIN ACCS-MOB MAIN ACCESS RD CONST		13	31DEC84	
MAIN ACCS CONST SUBGRADE/BRIDGE FDNS		29	1APR85	
MAIN ACCS-WINTER 85		26	21OCT85	
MAIN ACCS-CONST BASE & BRIDGE STRUCT		26	21APR86	
MAIN ACCS-WINTER 86		26	20OCT86	
MAIN ACCS-CONST PAVING		25	20APR87	
SITE FACL-PROVIDE 160' MAN CAMP		72	27SEP82	
SITE FACL-MOB '500' MAN CAMP		13	31DEC84	
SITE FACL-CONST PHASE 1		61	1APR85	
SITE FACL-CONST PHASE 2		61	2JUN86	
SITE FACL-CONST PHASE 3		61	3AUG87	XXXXXXXXXXXXXXXL
SITE FACL-MOB PHASE 1 CONSTN FACILITIES		13	31DEC84	
DIV TNLS -SET TUNNEL CONC PLANT		25	1APR85	
DIV TNLS -EXC UPPER TUNNEL FROM D/S		32	5AUG85	
DIV TNLS -MOB DIVERSTON CONTRACTOR		13	31DEC84	
DIV TNLS -CONST ACCESS D/S PORTAL		8	1APR85	
COFFRDMS PREP MATERIAL FOR C/D' S		30	1APR85	
DIV TNLS -EXC D/S PORTAL		10	27MAY85	
DIV TNLS -CONST ACCESS U/S PORTAL		5	27MAY85	
DIV TNLS -EXC LOWER TUNNEL FROM D/S		26	5AUG85	
DIV TNLS -EXC UPPER TUNNEL FROM U/S		20	3FEB86	
DIV TNLS -CONC LOWER TUNNEL		20	3FEB86	
DIV TNLS -CONC UPPER TUNNEL & PORTALS		26	23JUN86	
DIV TNLS -EXC U/S PORTAL		7	1JUL85	
DIV TNLS -EXC LOWER TUNNEL FROM U/S		22	19AUG85	
DIV TNLS -CONC D/S PORTAL LOWER		15	23SEP85	
DIV TNLS -CONC U/S PORTAL LOWER		20	19AUG85	
COFFRDMS CONST ACCESS TO C/D' S		4	28OCT85	
COFFRDMS EXC C/D' S		4	25NOV85	
COFFRDMS START C/D FILL		8	23DEC85	
COFFRDMS CLOSE C/D		2	23JUN86	
COFFRDMS INSTALL CUTOFF WALLS		8	7JUL86	
COFFRDMS INITIAL DEWATER		4	1SEP86	
COFFRDMS CONTINUE DEWATER TO 16OCT89		147	29SEP86	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX L
COFFRDMS FIN COFFERDAMS		20	1SEP86	
SITE ACCS DEV ACCS @ D/S OUTLET AREA		10	1JUL85	
SITE ACCS DEV ACCS-TOP LT BANK		10	18NOV85	
SITE ACCS DEV ACCS-LOWER LT BANK		8	7JUL86	
SITE ACCS DEV ACCS-MIDDLE RT BANK		6	1SEP86	
SITE ACCS DEV ACCS-TOP RT BANK		6	13OCT86	
SITE ACCS DEV ACCS-MIDDLE LT BANK		10	9SEP85	
MAIN DAM MOBILIZE CONTRACTOR		13	1APR85	
MAIN DAM EXC RIV ALLUV CORE	ST	2	7JUL86	
MAIN DAM EXC RIV ALLUV CORE	FIN	2	29SEP86	
MAIN DAM EXC RIV ALLUV SHELL	ST	7	13OCT86	

SUSITNA HYDRO PROJECT- WATANA CONSTRUCTION SCHED

BFBI02C BI-WEEKLY BARCHART PART C — C P M SCHEDULE — TIME NOW 27SEP82

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                                   88                                      89                                              90
                                   MAAPMAYJUJUAUSEOCTNODEJAFEMAAPMAYJUJUAUSEOCTNODEJAFEMAAPRMAJUJUAUSEOCTNO
                                   02010131212020101312120202020101212120201013121202010101312120202010121 2
                                   714826037158259371482693606037159260471482603715825959260481593603715926
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D E S C R I P T I O N	DUR WEEKS	SCHED START	
MAIN DAM EXC RIV ALLUV SHELL FIN	7	1DEC86	
MAIN DAM EXC R BK O/B+W/R 1470-1800ST	13	1JUL85	
MAIN DAM EXC R BK O/B+W/R 1470-1800FIN	13	7JUL86	
MAIN DAM EXC RB O/B+W/R ABV 1800 ST	13	6OCT86	
MAIN DAM EXC RB O/B+W/R ABV 1800 FIN	12	5JAN87	L
MAIN DAM EXC RIVER WTHR ROCK SHELL ST	4	1DEC86	
MAIN DAM EXC RIVER WTHR ROCK SHELL FIN	4	29DEC86	
MAIN DAM EXC L BK O/B+W/R 1470-1800	25	7JUL86	
MAIN DAM EXC LB O/B+W/R ABV 1800 ST	13	29DEC86	
MAIN DAM EXC LB O/B+W/R ABV 1800 FIN	12	30MAR87	L
MAIN DAM EXC RIVER WTHR ROCK CORE ST	1	13OCT86	
MAIN DAM EXC RIVER WTHR ROCK CORE FIN	1	20OCT86	
MAIN DAM EXC RIVER SOUND ROCK ST	4	20OCT86	
MAIN DAM EXC RIVER SOUND ROCK FIN	4	17NOV86	
MAIN DAM EXC R BK SND ROCK ABV 1470	22	5JAN87	
MAIN DAM EXC L BK SND ROCK ABV 1470	22	30MAR87	
MAIN DAM START GRAVEL SHELLS FILL 87	10	19JAN87	
MAIN DAM WINTER 87	26	31AUG87	L
MAIN DAM START CORE/GRAVEL SHELLS 88	26	29FEB88	XXXXXXXXXXXXX L
MAIN DAM WINTER 88	26	29AUG88	XXXXXXXXXXXXXX L
MAIN DAM CORE/GRAVEL SHELLS FILL 89	26	27FEB89	XXXXXXXXXXXXXX L
MAIN DAM WINTER 89	26	28AUG89	XXXXXXXXXXXXXX L
MAIN DAM CORE/GRAVEL SHELLS FILL 90	26	26FEB90	XXXXXXXXXXXXXX L
MAIN DAM WINTER 90	26	27AUG90	XXXXXXXX
MAIN DAM CORE GRAVEL SHELLS FILL 91ST	16	25FEB91	
MAIN DAM CORE/GRAVEL SHELLS FILL 91FIN	10	17JUN91	
MAIN DAM WINTER 91	26	26AUG91	
MAIN DAM CORE/GRAVEL SHELLS FILL	26	24FEB92	
MAIN DAM WINTER 92	26	24AUG92	
MAIN DAM CORE/GRAVEL SHELLS FILL	26	22FEB93	
MAIN DAM CONSOLIDATION GROUT 87	10	23MAR87	
MAIN DAM CONSOLIDATION GROUT 87	12	1JUN87	
MAIN DAM CONSOLIDATION GROUT 88	26	29FEB88	XXXXXXXXXXXXX L
MAIN DAM CONSOLIDATION GROUT 89	26	27FEB89	XXXXXXXXXXXXXX L
IMPOUNDMT START IMPOUNDING JULY 91	36	17JUN91	
IMPOUNDMT CONT IMPOUNDING	15	24FEB92	
IMPOUNDMT CONT IMPOUNDING	37	9JUN92	
IMPOUNDMT COMPLETE IMPOUNDING OCT 93	26	22FEB93	
DIV TNLS ACCESS-CONTROL CHAMBER	40	4MAY87	L
DIV TNLS CONCRETE PLUGS	35	28AUG89	XXXXXXXXXXXXXXXXXX L
DIV TNLS INSTALL CONTROL GATES	40	30APR90	XXXXXXXXXXXXXXXX
DIV TNLS CONCRETE LOWER PLUG	7	17JUN91	
DIV TNLS SHRINKAGE RESTRAINT	2	5AUG91	
DIV TNLS GROUT PLUG	2	19AUG91	
P/H AC EX CONCRETE DRAFT TUBES	9	16MAY88	XXXXX
P/H AC EX ACCESS TNL-P/H 'A'	7	4MAY87	L
P/H AC EX ACCESS TNL-P/H 'B'	3	22JUN87	L

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DESCRIPTION	DUR WEEKS	SCHED START	88 / 89 / 90 MAAPMAYJUJUAUSEOCTNODEJAFEMAAPMAYJUJUAUSEOCTNODEJAFEMAAPRMAJUJUAUSEOCTNO 0201013121202010131212020202010121212020101312120201010131212020201012 12 7148260371582593714826936060371592604714826037158259592604815936037159 26
P/H AC EX ACCESS TNL-P/H 'C'	2	13JUL87	L
P/H AC EX ACCESS TNL-P/H 'D'	3	27JUL87	L
P/H AC EX EXC UPPER VAULT	17	17AUG87	L
P/H AC EX EXC D/T UNITS #1-#3	4	14DEC87	L
P/H AC EX EXC DRAFT TUBES UNITS #4-#6	4	14DEC87	L
P/H AC EX EXC LWR VAULT SERVICE BAY-#3	10	11JAN88	X L
P/H AC EX EXC BUS TUNNELS	6	11JAN88	L
P/H AC EX EXC LWR VAULT UNITS #4-#6	9	21MAR88	XXXX L
P/H AC EX CONCRETE BUS TUNNELS	3	16MAY88	XX
P/H AC EX INSTALL BUS TUNNEL CABLES	17	6JUN88	XXXXXXXXX
PENSTOCKS EXC ACCESS TUNNELS	31	22JUN87	L
PENSTOCKS EXC ELBOW ACCESS	9	25JAN88	X L
PENSTOCKS EXC LOWER HORIZ TNLS	47	21MAR88	XXXXXXXXXXXXXXXXXXXXXXXX
PENSTOCKS EXC INCLINED TNL	70	13FEB89	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
PENSTOCKS CONCRETE TUNNELS	35	18JUN90	XXXXXXXXXXXXX
PENSTOCKS STEEL LINE LOWER TNLS	17	18JUN90	XXXXXXXXX
PENSTOCKS EXC PENSTOCKS UPPER TNLS	24	25JUL88	XXXXXXXXXXXX
PF-GRT GL EXC GRTG GALLERY TUNNEL	6	31AUG87	
PF-GRT GL GROUT TUNNEL	10	12OCT87	
XFRMR GAL CONCRETE XFRMR GALLERY	8	17JUN91	
XFRMR GAL INSTALL XFRMERS	25	12AUG91	
XFRMR GAL EXC ACCESS TUNNELS	5	27JUL87	
XFRMR GAL EXC XFRMER GALLERY	9	31AUG87	
XFRMR GAL EXC CONNECTOR TUNNEL	6	2NOV87	
XFRMR GAL EXC ACCESS SHAFT TUNNEL	1	2NOV87	
XFRMR GAL EXC ACCESS SHAFT	20	9NOV87	XX
PF CB SFT EXC CABLE SHAFTS	15	2NOV87	
PF CB SFT CONCRETE CABLE SHAFTS	8	17JUN91	
PF CB SFT INSTALL CABLE & MECH WORK	17	12AUG91	
TAILR/SC EXC ACC TNL-TAILRACE/SURGE C	4	13JUL87	L
TAILR/SC EXC UPPER SURGE CHAMBER	9	10AUG87	L
TAILR/SC INSTALL GATES @ TAILRACE #1	5	19AUG91	
TAILR/SC EXC PORTAL #1	5	9SEP85	L
TAILR/SC EXC TAILRACE #1	18	14OCT85	L
TAILR/SC EXC LWR SURGE CHAMBER 'A'	6	12OCT87	L
TAILR/SC EXC LWR SURGE CHAMBER 'B'	15	23NOV87	
TAILR/SC EXC TAILRACE #2	11	7MAR88	XXXXXX
TAILR/SC EXC CONNECTION TAILRACE/DIVSN	2	17JUN91	
TAILR/SC CONCRETE PORTAL & TAILRACE #1	7	1JUL91	
TAILR/SC CONCRETE TAILRACE #2	4	1JUL91	
TAILR/SC CONCRETE SURGE CHAMBER	18	1JUL91	
TAILR/SC INSTALL GATES @ SURGE CHAMBER	25	4NOV91	
P/H CONC INSTALL P/H CRANE	7	22AUG88	XXXX
P/H CONC CONCRETE SERVICE BAY	22	21MAR88	XXXXXXXXXXX L
P/H CONC PRI CONC 'A' UNIT 1	19	22AUG88	XXXXXXXXXX L
P/H CONC PRI CONC 'B' UNIT 1	17	2JAN89	XXXXXXXXX
P/H CONC PRI CONC 'A' UNIT 2	19	2JAN89	XXXXXXXXXX L

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D E S C R I P T I O N	DUR WEEKS	SCHED START	88 89 90 MAAPMAYJUJUAUSEOCTNODEJAFEMAAPMAYJUJUAUSEOCTNODEJAFEMAAPRMAJUJUAUSEOCTNO 0201013121202010131212020202010121212020101312120201010131212020201012 12 7148260371582593714826936060371592604714826037158259592604815936037159 26
P/H CONC PRI CONC 'B' UNIT 2	17	15MAY89	XXXXXXXXX
P/H CONC PRI CONC 'A' UNIT 3	19	15MAY89	XXXXXXXXXX
P/H CONC PRI CONC 'B' UNIT 3	17	25SEP89	XXXXXXXXX
P/H CONC PRI CONC 'A' UNIT 4	19	25SEP89	XXXXXXXXXX
P/H CONC PRI CONC 'B' UNIT 4	17	5FEB90	XXXXXXXXX
P/H CONC PRI CONC 'A' UNIT 5	19	5FEB90	XXXXXXXXXX
P/H CONC PRI CONC 'B' UNIT 5	17	18JUN90	XXXXXXXXX
P/H CONC PRI CONC 'A' UNIT 6+WORK AREA	30	18JUN90	XXXXXXXXXXXXX
P/H CONC PRI CONC 'B' UNIT 6+WORK AREA	25	14JAN91	
P/H CONC EMBEDDED PARTS UNIT 1	18	1MAY89	XXXXXXXXX
P/H CONC EMBEDDED PARTS UNIT 2	18	11SEP89	XXXXXXXXXX
P/H CONC EMBEDDED PARTS UNIT 3	18	22JAN90	XXXXXXXXX
P/H CONC EMBEDDED PARTS UNIT 4	18	4JUN90	XXXXXXXXXX
P/H CONC EMBEDDED PARTS UNIT 5	18	15OCT90	XXXX
P/H CONC EMBED PARTS UNIT 6+WORK AREA	18	8JUL91	
P/H CONC SEC CONC UNIT 1	15	4SEP89	XXXXXXXX
P/H CONC SEC CONC UNIT 2	15	15JAN90	XXXXXXXX
P/H CONC SEC CONC UNIT 3	15	28MAY90	XXXXXXXX
P/H CONC SEC CONC UNIT 4	15	8OCT90	XXXXX
P/H CONC SEC CONC UNIT 5	15	18FEB91	
P/H CONC SEC CONC UNIT6+WORK AREA	22	11NOV91	
T/G INSTL INSTALL TURBINE UNIT 1	58	18DEC89	XXXXXXXXXXXXXXXXXXXXXXXXXX
T/G INSTL INSTALL TURBINE UNIT 2	58	30APR90	XXXXXXXXXXXXXXXX
T/G INSTL INSTALL TURBINE UNIT 3	58	10SEP90	XXXXXXX
T/G INSTL INSTALL TURBINE UNIT 4	58	21JAN91	
T/G INSTL INSTALL TURBINE UNIT 5	58	3JUN91	
T/G INSTL INSTALL TURBINE UNIT 6	58	13APR92	
T/G INSTL INSTALL GENERATOR UNIT 1	58	18DEC89	XXXXXXXXXXXXXXXXXXXXXXXXXX
T/G INSTL INSTALL GENERATOR UNIT 2	58	30APR90	XXXXXXXXXXXXXXXX
T/G INSTL INSTALL GENERATOR UNIT 3	58	10SEP90	XXXXXXX
T/G INSTL INSTALL GENERATOR UNIT 4	58	21JAN91	
T/G INSTL INSTALL GENERATOR UNIT 5	58	3JUN91	
T/G INSTL INSTALL GENERATOR UNIT 6	58	13APR92	
T/G INSTL TEST & COMMISION UNIT 1	6	27APR92	
T/G INSTL TEST & COMMISION UNIT 2	6	8JUN92	
T/G INSTL TEST & COMMISION UNIT 3	6	20JUL92	
T/G INSTL TEST & COMMISION UNIT 4	6	31AUG92	
T/G INSTL TEST & COMMISION UNIT 5	6	12OCT92	
T/G INSTL TEST & COMMISION UNIT 6	6	24MAY93	
MAIN SPWY EXC O/B APPROACH(LT BLOCK)	1	11APR88	X
MAIN SPWY EXC O/B STRUCTURE(LT BLOCK)	1	18APR88	X
MAIN SPWY CONC LEFT STRUCTURE	14	29AUG88	XXXXXXXX
MAIN SPWY INSTALL GUIDES(LT STRUCT)	4	5DEC88	XXX
MAIN SPWY INSTALL GATES(LT STRUCT)	4	2JAN89	XXX
MAIN SPWY ERECT TOWER(LT STRUCT)	4	30JAN89	XXX
MAIN SPWY INSTALL HOISTS(LT STRUCT)	4	27FEB89	XXX
MAIN SPWY EXC ROCK APPROACH(LT BLOCK)	14	18APR88	XXXXXXX

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DESCRIPTION	DUR WEEKS	SCHED START	88 / 89 / 90 MAAPMAYJUJUAUSEOCTNODEJAFEMAAPMAYJUJUAUSEOCTNODEJAFEMAAPMAJUJUAUSEOCTNO 0201013121202010131212020202010121212020101312120201010131212020201012 12 714826037158259371482693606037159260471482603715825959260481593603715926	
MAIN SPWY EXC ROCK STRUCTURE	5	25JUL88	XXX	
MAIN SPWY LAG	5	29AUG88	XXX	
MAIN SPWY CONCRETE CENTER STRUCTURE	12	3OCT88	XXXXXX	
MAIN SPWY INSTALL GUIDES(CTR STRUCT)	4	2JAN89	XXX	
MAIN SPWY INSTALL GATES(CTR STRUCT)	4	30JAN89	XXX	
MAIN SPWY ERECT TOWER(CTR STRUCT)	4	27FEB89	XXX	
MAIN SPWY INSTALL HOISTS(CTR STRUCT)	4	27MAR89	XXX	
MAIN SPWY EXC DRAIN BLW STRUCTURE	4	25JUL88	XX	
MAIN SPWY CONCRETE RIGHT STRUCTURE	14	29AUG88	XXXXXXXX	
MAIN SPWY LAG	4	5DEC88	XXX	
MAIN SPWY INSTALL GUIDES(RT STRUCT)	4	30JAN89	XXX	
MAIN SPWY INSTALL GATES(RT STRUCT)	4	27FEB89	XXX	
MAIN SPWY ERECT TOWER(RT STRUCT)	4	27MAR89	XXX	
MAIN SPWY INSTALL HOIST(RT STRUCT)	4	24APR89	XXX	
MAIN SPWY EXC DRAIN TUNNEL	19	3OCT88	XXXXXXXXXX	
MAIN SPWY EXC O/B @ SEC 'A'	1	11APR88	X	
MAIN SPWY EXC ROCK @ SEC 'A'	3	18APR88	XX	
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC A	3	9MAY88	XX	
MAIN SPWY CONCRETE (SEC A)	4	30MAY88	XX	
MAIN SPWY EXC O/B (SEC B)	1	18APR88	X	
MAIN SPWY EXC ROCK @ SEC B	3	9MAY88	XX	
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC A	3	30MAY88	XX	
MAIN SPWY LAG (SEC B)	2	11JUL88	X	
MAIN SPWY CONCRETE (SEC B)	4	25JUL88	XX	
MAIN SPWY EXC O/B @ SEC C	1	25APR88	X	
MAIN SPWY EXC ROCK @ SEC C	3	30MAY88	XX	
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC C	3	20JUN88	XX	
MAIN SPWY CONCRETE (SEC C)	4	11JUL88	XX	
MAIN SPWY EXC O/B @ SEC D	1	2MAY88	X	
MAIN SPWY EXC ROCK @ SEC D	3	20JUN88	XX	
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC D	3	11JUL88	XX	
MAIN SPWY LAG (SEC D)	2	22AUG88	X	
MAIN SPWY CONCRETE (SEC D)	4	5SEP88	XX	
MAIN SPWY EXC O/B @ SEC E	1	9MAY88	X	
MAIN SPWY EXC ROCK @ SEC E	3	11JUL88	XX	
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC E	3	1AUG88	XX	
MAIN SPWY CONCRETE (SEC E)	4	22AUG88	XX	
MAIN SPWY EXC O/B @ SEC F	1	11APR88	X	L
MAIN SPWY EXC ROCK @ SEC F	2	18APR88	X	L
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC F	3	2MAY88	XX	
MAIN SPWY CONCRETE (SEC F)	3	19SEP88	XX	
MAIN SPWY EXC O/B @ SEC G	1	18APR88	X	L
MAIN SPWY EXC ROCK @ SEC G	2	2MAY88	X	L
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC G	3	23MAY88	XX	
MAIN SPWY LAG (SEC G)	2	19SEP88	X	
MAIN SPWY CONCRETE (SEC G)	3	3OCT88	XX	
MAIN SPWY EXC O/B @ SEC H	1	25APR88	X	L

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D E S C R I P T I O N	DUR WEEKS	SCHED START	88 89 90 MAAPMAYJUJUAUSEOCTNODEJAFEMAAPMAYJUJUAUSEOCTNODEJAFEMAAPRMAJUJUAUSEOCTNO 020101312120201013121202020201012121202010131212020101010131212020200101212 71482603715825937148269360603715926047148260371582595926048159360371592 6
MAIN SPWY EXC ROCK @ SEC H	2	16MAY88	X L
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC H	3	13JUN88	XX
MAIN SPWY CONCRETE (SEC H)	3	4JUL88	XX
MAIN SPWY EXC O/B @ SEC I	1	2MAY88	X L
MAIN SPWY EXC ROCK @ SEC I	2	30MAY88	X L
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC I	3	4JUL88	XX
MAIN SPWY LAG (SEC I)	2	12DEC88	X
MAIN SPWY CONCRETE (SEC I)	3	26DEC88	XX
MAIN SPWY EXC O/B @ VALVE BLK/OUTFALL	1	9MAY88	X L
MAIN SPWY EXC ROCK @ VALVE BLK/OUTFALL	16	13JUN88	XXXXXXXX L
MAIN SPWY DRILL ANCRS/INSTL DRAINS VB/OF	6	3OCT88	XXX
MAIN SPWY CONCRETE (BLOCK)	22	12DEC88	XXXXXXXXXXX
MAIN SPWY CONCRETE (OUTFALL)	4	14NOV88	XX
EMER SPWY EXC O/B APPROACH	4	15APR91	
EMER SPWY EXC ROCK APPROACH	26	13MAY91	
EMER SPWY CONSTRUCT BRIDGE	50	11NOV91	
EMER SPWY EXC O/B UPPER CHUTE	16	15APR91	
EMER SPWY EXC ROCK UPPER CHUTE	48	5AUG91	
EMER SPWY CONSTRUCT FUSE PLUG	5	6JUL92	
EMER SPWY EXC O/B LOWER CHUTE	16	15APR91	
EMER SPWY EXC ROCK LOWER CHUTE	48	5AUG91	
POWR INTK EXC O/B(+ OUT FACS INTAKE)	4	29JUN87	
POWR INTK EXC ROCK(+ OUT FACS INTAKE)	52	27JUL87	XXXXXXXXXX L
POWR INTK DRILL ANCHORS INTAKE #1	3	25JUL88	XX L
POWR INTK CONRETE INTAKE #1	31	15AUG88	XXXXXXXXXXXXXXXX L
POWR INTK INSTALL GUIDES INTAKE #1	10	20MAR89	XXXXX L
POWR INTK INSTALL GATE INTAKE #1	10	29MAY89	XXXXX
POWR INTK ERECT TOWER INTAKE #1	10	7AUG89	XXXXX
POWR INTK ERECT HOIST INTAKE #1	5	16OCT89	XXX
POWR INTK DRILL ANCHORS INTAKE #2	3	15AUG88	XX L
POWR INTK LAG	5	26SEP88	XXX L
POWR INTK CONCRETE INTAKE #2	31	31OCT88	XXXXXXXXXXXXXXXX L
POWR INTK INSTALL GUIDES INTAKE #2	10	5JUN89	XXXXXX
POWR INTK INSTALL GATE INTAKE #2	10	14AUG89	XXXXXX
POWR INTK ERECT TOWER INTAKE #2	10	23OCT89	XXXXXX
POWR INTK ERECT HOIST INTAKE #2	5	1JAN90	XXX
POWR INTK DRILL ANCHORS INTAKE #3	3	5SEP88	XX L
POWR INTK CONCRETE INTAKE #3	31	26SEP88	XXXXXXXXXXXXXXXX
POWR INTK INSTALL GUIDES INTAKE #3	10	14AUG89	XXXXXX
POWR INTK INSTALL GATE INTAKE #3	10	23OCT89	XXXXXX
POWR INTK ERECT TOWER INTAKE #3	10	1JAN90	XXXXXX
POWR INTK ERECT HOIST INTAKE #3	5	12MAR90	XXX
POWR INTK DRILL ANCHORS INTAKE #4	3	25JUL88	XX L
POWR INTK LAG	5	26SEP88	XXX L
POWR INTK CONCRETE INTAKE #4	31	31OCT88	XXXXXXXXXXXXXXXX
POWR INTK INSTALL GUIDES INTAKE #4	10	23OCT89	XXXXXX
POWR INTK INSTALL GATE INTAKE #4	10	1JAN90	XXXXXX

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DESCRIPTION		DUR WEEKS	SCHED START	88 / 89 / 90 MAAPMAYJUJUAUSEOCTNODEJAFEMAAPMAYJUJUAUSEOCTNODEJAFEMAAPMAJUJUAUSEOCTNO 020101312120201013121202020201012121202010131212020101013121202020101212 714826037158259371482693606037159260471482603715825959260481593603715926
POWR INTK ERECT TOWER INTAKE #4		10	12MAR90	XXXXXX
POWR INTK ERECT HOIST INTAKE #4		5	21MAY90	XXX
POWR INTK DRILL ANCHORS INTAKE #5		3	15AUG88	XX L
POWR INTK CONCRETE INTAKE #5		31	5SEP88	XXXXXXXXXXXXXXXX
POWR INTK INSTALL GUIDES INTAKE #5		10	1JAN90	XXXXXX
POWR INTK INSTALL GATE INTAKE #5		10	12MAR90	XXXXXX
POWR INTK ERECT TOWER INTAKE #5		10	21MAY90	XXXXXX
POWR INTK ERECT HOIST INTAKE #5		5	30JUL90	XXX
POWR INTK DRILL ANCHORS INTAKE #6		3	5SEP88	XX L
POWR INTK LAG		5	17OCT88	XXX
POWR INTK CONCRETE INTAKE #6		31	21NOV88	XXXXXXXXXXXXXXXX
POWR INTK INSTALL GUIDES INTAKE #6		10	12MAR90	XXXXXX
POWR INTK INSTALL GATE INTAKE #6		10	21MAY90	XXXXXX
POWR INTK ERECT TOWER INTAKE #6		10	30JUL90	XXXXXX
POWR INTK ERECT HOIST INTAKE #6		5	8OCT90	XXX
POWR INTK DRILL ANCHORS OUTLET INTAKE		3	26SEP88	XX L
POWR INTK CONCRETE OUTLET INTAKE		31	17OCT88	XXXXXXXXXXXXXXXX
POWR INTK INSTALL GUIDES OUTLET INTAKE		5	21MAY90	XXX
POWR INTK INSTALL GATE OUTLET INTAKE		5	30JUL90	XXX
POWR INTK ERECT TOWER OUTLET INTAKE		5	8OCT90	XXX
POWR INTK ERECT HOIST OUTLET INTAKE		5	12NOV90	XX
OUTL FACS EXC TOP 100' TUNNEL		2	25JUL88	X
OUTL FACS EXC TNL FROM LOWER END	ST	10	3OCT88	XXXXX L
OUTL FACS EXC TNL FROM LOWER END	FIN	46	12DEC88	XXXXXXXXXXXXXXXXXXXXXXXX
OUTL FACS CONCRETE TUNNEL		20	30OCT89	XXXXXXXXXX
OUTL FACS INSTALL MECH LINE & VALVES		20	19MAR90	XXXXXXXXXX
REL CHANL EXC OVERBURDEN	ST	8	4MAY92	
REL CHANL EXC OVERBURDEN	FIN	9	29JUN92	
REL CHANL PLACE FILL	ST	9	29JUN92	
REL CHANL PLACE FILL	FIN	9	31AUG92	
REL CHANL PLACE RIP RAP		15	31AUG92	
MD DRN&GRT-EXC HOR TUN SPILLWAY	RT	14	25JUL88	XXXXXXX
MD DRN&GRT-DRN&GRT HOR TUN SPILLWAY	RT	12	31OCT88	XXXXXX
MD DRN&GRT-EXC HOR TUN 2140	RT	2	27JAN86	
MD DRN&GRT-DRN&GRT HOR TUN 2140	RT	3	10FEB86	
MD DRN&GRT-EXC HOR TUN 1960	RT	2	27JAN86	
MD DRN&GRT-DRN&GRT HOR TUN 1960	RT	1	10FEB86	
MD DRN&GRT-EXC HOR TUN 1750 ST	RT	2	18NOV85	
MD DRN&GRT-EXC HOR TUN 1750 FIN	RT	1	2DEC85	
MD DRN&GRT-DRN&GRT HOR TUN 1750	RT	1	5MAY86	L
MD DRN&GRT-EXC HOR TUN 1400 ST	RT	2	9SEP85	
MD DRN&GRT-EXC HOR TUN 1400 CT	RT	3	23SEP85	
MD DRN&GRT-EXC HOR TUN 1400 FIN	RT	1	14OCT85	
MD DRN&GRT-DRN&GRT HOR TUN 1400	RT	1	23SEP85	L
MD DRN&GRT-EXC HOR TUN 1400 D/S	RT	22	9SEP85	
MD DRN&GRT-EXC SHAFT 1750-1400	RT	4	10FEB86	
MD DRN&GRT-MECH SHAFT 1750-1400	RT	8	10MAR86	L

SUSITNA HYDRO PROJECT- WATANA CONSTRUCTION SCHED

C P M SCHEDULE

BFBI02C BI-WEEKLY BARCHART PART C TIME NOW 27SEP82

RUNDATE: 12-OCT-82 09:34:03 SORTED BY: AC CN

D E S C R I P T I O N	DUR WEEKS	SCHED START	88 89 90 MAAPMAY JUJUAUSEOCTNODEJAFEMAAPMAY JUJUAUSEOCTNODEJAFEMAAPRMAJUJUAUSEOCTNO 0201013121202010131212020202010121212020101312120201010131212020201O1212 7148260371582593714826936060371592604714826037158259592604815936037159 26
MD DRN&GRT-EXC INC TUN 1960-2140 RT	8	10FEB86	
MD DRN&GPT-DRN&GRT INC TUN 1960-2140 RT	9	7APR86	
MD DRN&GRT-EXC INC TUN 1750-1960 RT	8	10FEB86	
MD DRN&GRT-DRN3GRT INC TUN 1750-1960 RT	15	7APR86	
MD DRN&GRT-EXC INC TUN 1290-1400 RT	11	14OCT85	
MD DRN&GRT-DRN3GRT INC TUN 1290-1400 RT	25	30DEC85	L
MD DRN&GRT-EXC BASE TUN 1290 ST RT	6	30DEC85	
MD DRN&GRT-EXC BASE TUN 2130 FIN RT	1	10FEB86	
MD DRN&GRT-DRN&GRT BASE TUN 1290 RT	12	11MAY87	L
MD DRN&GRT-EXC HOR TUN 2130 ST LT	5	24NOV86	
MD DRN&GRT-EXC HOR TUN 2130 FIN LT	6	29DEC86	
MD DRN&GRT-DRN3GRT HOR TUN 2130 LT	8	9FEB87	
MD DRN&GRT-EXC HOR TUN 1950 LT	2	24NOV86	
MD DRN&GRT-DRN&GRT HOR TUN 1950 LT	1	8DEC86	
MD DRN&GRT-EXC HOR TUN 1750 LT	2	13OCT86	
MD DRN&GRT-DRN&GRT HOR TUN 1750 LT	1	27OCT86	L
MD DRN&GRT-EXC HOR TUN 1490 ST LT	2	1SEP86	
MD DRN&GRT-EXC HOR TUN 1490 FIN LT	3	15SEP86	
MD DRN&GRT-DRN&GRT HOR TUN 1490 LT	1	18MAY87	L
MD DRN&GRT-EXC HOR TUN 1490 D/S LT	25	1SEP86	
MD DRN&GRT-EXC SHAFT 1490-1750 LT	4	23FEB87	
MD DRN&GRT-MECH SH... 1490-1750 LT	8	23MAR87	L
MD DRN&GRT-EXC SHAFT 1290-1490 LT	3	23FEB87	
MD DRN&GRT-MECH SHAFT 1290-1490 LT	8	16MAR87	L
MD DRN&GRT-EXC INC TUN 1950-2130 LT	11	8DEC86	
MD DRN&GRT-DRN3GRT INC TUN 1950-2130 LT	22	23FEB87	
MD DRN&GRT-EXC INC TUN 1750-1950 LT	8	27OCT86	
MD DRN&GRT-DRN3GRT INC TUN 1750-1950 LT	10	22DEC86	
PROJECT COMPLETE-ALL UNITS ON LINE		23AUG93	

DRB3:[MEILHEDE.WASCH]BFBI02D.LIS;1

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WATS, MFL, 12

SUSITNA HYDRO PROJECT- WATANA CONSTRUCTION SCHED   PAGE 1

C P M SCHEDULE

BFBI02D BI-WEEKLY BARCHART PART D   TIME NOW 27SEP82

RUNDATE: 12-OCT-82 09:35:55 SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START	90 91 92 93 NDEJAFEMAAPRMAJUJUAUSEPOCNODEJAFEMARAPMAJUJUAUGSEOCNODEJAFEMARAPMAJUJUAU 2120201010121212020101312120202010131212020201312120202010101212120201 01 604714848159370482592604815936037260371582603714826937148151592604715926
FERC LIC ISSUE FERC LICENSE	118	27SEP82	
PIONR RD -CONST PIONEER RD	72	4JUL83	
MAIN ACCS-MOB MAIN ACCESS RD CONST	13	31DEC84	
MAIN ACCS-CONST SUBGRADE/BRIDGE FDNS	29	1APR85	
MAIN ACCS-WINTER 85	26	21OCT85	
MAIN ACCS-CONST BASE & BRIDGE STRUCT	26	21APR86	
MAIN ACCS-WINTER 86	26	20OCT86	
MAIN ACCS-CONST PAVING	25	20APR87	
SITE FACL-PROVIDE 160' MAN CAMP	72	27SEP82	
SITE FACL-MOB '500' MAN CAMP	13	31DEC84	
SITE FACL-CONST PHASE 1	61	1APR85	
SITE FACL-CONST PHASE 2	61	2JUN86	
SITE FACL-CONST PHASE 3	61	3AUG87	
SITE FACL-MOB PHASE 1 CONSTN FACILITIES	13	31DEC84	
DIV TNLS -SET TUNNEL CONC PLANT	25	1APR85	
DIV TNLS -EXC UPPER TUNNEL FROM D/S	32	5AUG85	
DIV TNLS -MOB DIVERSION CONTRACTOR	13	31DEC84	
DIV TNLS -CONST ACCESS D/S PORTAL	8	1APR85	
COFFRDMS PREP MATERIAL FOR C/D' S	30	1APR85	
DIV TNLS -EXC U/S PORTAL	10	27MAY85	
DIV TNLS -CONST ACCESS U/S PORTAL	5	27MAY85	
DIV TNLS -EXC LOWER TUNNEL FROM D/S	26	5AUG85	
DIV TNLS -EXC UPPER TUNNEL FROM U/S	20	3FEB86	
DIV TNLS -CONC LOWER TUNNEL	20	3FEB86	
DIV TNLS -CONC UPPER TUNNEL & PORTALS	26	23JUN86	
DIV TNLS -EXC D/S PORTAL	7	1JUL85	
DIV TNLS -EXC LOWER TUNNEL FROM U/S	22	19AUG85	
DIV TNLS -CONC D/S PORTAL LOWER	15	23SEP85	
DIV TNLS -CONC U/S PORTAL LOWER	20	19AUG85	
COFFRDMS CONST ACCESS TO C/D' S	4	28OCT85	
COFFRDMS EXC C/D' S	4	25NOV85	
COFFRDMS START C/D FILL	8	23DEC85	
COFFRDMS CLOSE C/D	2	23JUN86	
COFFRDMS INSTALL CUTOFF WALLS	8	7JUL86	
COFFRDMS INITIAL DEWATER	4	1SEP86	
COFFRDMS CONTINUE DEWATER TO 16OCT89	147	29SEP86	
COFFRDMS FIN COFFERDAMS	20	1SEP86	
SITE ACCS DEV ACCS @ D/S OUTLET AREA	10	1JUL85	
SITE ACCS DEV ACCS-TOP LT BANK	10	18NOV85	
SITE ACCS DEV ACCS-LOWER LT BANK	8	7JUL86	
SITE ACCS DEV ACCS-MIDDLE RT BANK	6	1SEP86	
SITE ACCS DEV ACCS-TOP RT BANK	6	13OCT86	
SITE ACCS DEV ACCS-MIDDLE LT BANK	10	9SEP85	
MAIN DAM MOBILIZE CONTRACTOR	13	1APR85	
MAIN DAM EXC RIV ALLUV CORE ST	2	7JUL86	
MAIN DAM EXC RIV ALLUV CORE FIN	2	29SEP86	
MAIN DAM EXC RIV ALLUV SHELL ST	7	13OCT86	

SUSITNA HYDRO PROJECT- WATANA CONSTRUCTION SCHED   PAGE 2

C P M SCHEDULE

BFBI02D BI-WEEKLY BARCHART PART D   TIME NOW 27SEP82

RUNDATE: 12-OCT-82 09:35:55 SORTED BY: AC CN

D E S C R I P T I O N	DUR WEEKS	SCHED START	90 91 92 93 NDEJAFEMAAPRMAJUJUAUSEPOCNODEJAFEMARAPMAJUJUAUGSEOCNODEJAFEMARAPMAJUJUAU 212020101012121202010131212020201013121202020131212020201010121212020101 604714848159370482592604815936037260371582603714826937148151592604715926
MAIN DAM EXC RIV ALLUV SHELL FIN	7	1DEC86	
MAIN DAM EXC R BK O/B+W/R 1470-1800ST	13	1JUL85	
MAIN DAM EXC R BK O/B+W/R 1470-1800FIN	13	7JUL86	
MAIN DAM EXC RB O/B+W/R ABV 1800 ST	13	6OCT86	
MAIN DAM EXC RB O/B+W/R ABV 1800 FIN	12	5JAN87	
MAIN DAM EXC RIVER WTHR ROCK SHELL ST	4	1DEC86	
MAIN DAM EXC RIVER WTHR ROCK SHELL FIN	4	29DEC86	
MAIN DAM EXC L BK O/B+W/R 1470-1800	25	7JUL86	
MAIN DAM EXC LB O/B+W/R ABV 1800 ST	13	29DEC86	
MAIN DAM EXC LB O/B+W/R ABV 1800 FIN	12	30MAR87	
MAIN DAM EXC RIVER WTHR ROCK CORE ST	1	13OCT86	
MAIN DAM EXC RIVER WTHR ROCK CORE FIN	1	20OCT86	
MAIN DAM EXC RIVER SOUND ROCK ST	4	20OCT86	
MAIN DAM EXC RIVER SOUND ROCK FIN	4	17NOV86	
MAIN DAM EXC R BK SND ROCK ABV 1470	22	5JAN87	
MAIN DAM EXC L BK SND ROCK ABV 1470	22	30MAR87	
MAIN DAM START GRAVEL SHELLS FILL 87	10	19JAN87	
MAIN DAM WINTER 87	26	31AUG87	
MAIN DAM START CORE/GRAVEL SHELLS 88	26	29FEB88	
MAIN DAM WINTER 88	26	29AUG88	
MAIN DAM CORE/GRAVEL SHELLS FILL 89	26	27FEB89	
MAIN DAM WINTER 89	26	28AUG89	
MAIN DAM CORE/GRAVEL SHELLS FILL 90	26	26FEB90	
MAIN DAM WINTER 90	26	27AUG90	XXXXXXX L
MAIN DAM CORE GRAVEL SHELLS FILL 91ST	16	25FEB91	XXXXXXXXX L
MAIN DAM CORE/GRAVEL SHELLS FILL 91FIN	10	17JUN91	XXXXXX L
MAIN DAM WINTER 91	26	26AUG91	XXXXXXXXXXXXXX L
MAIN DAM CORE/GRAVEL SHELLS FILL	26	24FEB92	XXXXXXXXXXXXX L
MAIN DAM WINTER 92	26	24AUG92	XXXXXXXXXXXXXX L
MAIN DAM CORE/GRAVEL SHELLS FILL	26	22FEB93	XXXXXXXXXXXXXX
MAIN DAM CONSOLIDATION GROUT 87	10	23MAR87	
MAIN DAM CONSOLIDATION GROUT 87	12	1JUN87	
MAIN DAM CONSOLIDATION GROUT 88	26	29FEB88	
MAIN DAM CONSOLIDATION GROUT 89	26	27FEB89	
IMPOUNDMT START IMPOUNDING JULY 91	36	17JUN91	XXXXXXXXXXXXXXXXXX L
IMPOUNDMT CONT IMPOUNDING	15	24FEB92	XXXXXXXX L
IMPOUNDMT CONT IMPOUNDING	37	8JUN92	XXXXXXXXXXXXXXXXXXX L
IMPOUNDMT COMPLETE IMPOUNDING OCT 93	26	22FEB93	XXXXXXXXXXXXXX
DIV TNLS ACCESS-CONTROL CHAMBER	40	4MAY87	
DIV TNLS CONCRETE PLUGS	35	28AUG89	
DIV TNLS INSTALL CONTROL GATES	40	30APR90	XXXXX L
DIV TNLS CONCRETE LOWER PLUG	7	17JUN91	XXXX L
DIV TNLS SHRINKAGE RESTRAINT	2	5AUG91	X L
DIV TNLS GROUT PLUG	2	19AUG91	X L
P/H AC EX CONCRETE DRAFT TUBES	9	16MAY88	
P/H AC EX ACCESS TNL-P/H 'A'	7	4MAY87	
P/H AC EX ACCESS TNL-P/H 'B'	3	22JUN87	

SUSITNA HYDRO PROJECT- WATANA CONSTRUCTION SCHED

C P M SCHEDULE

PAGE 3

TIME NOW 27SEP82

BFBI02D BI-WEEKLY BARCHART PART D

RUNDATE: 12-OCT-82 09:35:55 SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START	90 91 / 92 / 93 NDEJAFEMAAPRMAJUJUAUSEPOCNODEJAFEMARAPMAJUJUAUGSEOCNODEJAFEMARAPMAJUJUAU 21202010101212120201013121202020101312120202013121202020101012121202010l 60471484815937048259260481593603726037158260371482693714815159260471592 6
P/H AC EX ACCESS TNL-P/H 'C'	2	13JUL87	
P/H AC EX ACCESS TNL-P/H 'D'	3	27JUL87	
P/H AC EX EXC UPPER VAULT	17	17AUG87	
P/H AC EX EXC D/T UNITS #1-#3	4	14DEC87	
P/H AC EX EXC DRAFT TUBES UNITS #4-#6	4	14DEC87	
P/H AC EX EXC LWR VAULT SERVICE BAY-#3	10	11JAN88	
P/H AC EX EXC BUS TUNNELS	6	11JAN88	
P/H AC EX EXC LWR VAULT UNITS #4-#6	8	21MAR88	
P/H AC EX CONCRETE BUS TUNNELS	3	16MAY88	L
P/H AC EX INSTALL BUS TUNNEL CABLES	17	6JUN88	
PENSTOCKS EXC ACCESS TUNNELS	31	22JUN87	
PENSTOCKS EXC ELBOW ACCESS	8	25JAN88	
PENSTOCKS EXC LOWER HORIZ TNLS	47	21MAR88	L
PENSTOCKS EXC INCLINED TNL	70	13FEB89	L
PENSTOCKS CONCRETE TUNNELS	35	18JUN90	XXXXXX
PENSTOCKS STEEL LINE LOWER TNLS	17	18JUN90	
PENSTOCKS EXC PENSTOCKS UPPER TNLS	24	25JUL88	L
PF-GRT GL EXC GRTG GALLERY TUNNEL	6	31AUG87	L
PF-GRT GL GROUT TUNNEL	10	12OCT87	
XFRMR GAL CONCRETE XFRMR GALLERY	8	17JUN91	XXXXX L
XFRMR GAL INSTALL XFRMERS	25	12AUG91	XXXXXXXXXXXXX
XFRMR GAL EXC ACCESS TUNNELS	5	27JUL87	L
XFRMR GAL EXC XFRMER GALLERY	9	31AUG87	L
XFRMR GAL EXC CONNECTOR TUNNEL	6	2NOV87	L
XFRMR GAL EXC ACCESS SHAFT TUNNEL	1	2NOV87	L
XFRMR GAL EXC ACCESS SHAFT	20	9NOV87	L
PF CB SFT EXC CABLE SHAFTS	15	2NOV87	L
PF CB SFT CONCRETE CABLE SHAFTS	8	17JUN91	XXXXX L
PF CB SFT INSTALL CABLE & MECH WORK	17	12AUG91	XXXXXXXXX
TAILR/SC EXC ACC TNL-TAILRACE/SURGE C	4	13JUL87	
TAILR/SC EXC UPPER SURGE CHAMBER	9	10AUG87	
TAILR/SC INSTALL GATES @ TAILRACE #1	5	19AUG91	XXX
TAILR/SC EXC PORTAL #1	5	9SEP85	
TAILR/SC EXC TAILRACE #1	18	14OCT85	
TAILR/SC EXC LWR SURGE CHAMBER 'A'	6	12OCT87	
TAILR/SC EXC LWR SURGE CHAMBER 'B'	15	23NOV87	L
TAILR/SC EXC TAILRACE #2	11	7MAR88	L
TAILR/SC EXC CONNECTION TAILRACE/DIVSN	2	17JUN91	XX L
TAILR/SC CONCRETE PORTAL & TAILRACE #1	7	1JUL91	XXXX
TAILR/SC CONCRETE TAILRACE #2	4	1JUL91	XXX
TAILR/SC CONCRETE SURGE CHAMBER	18	1JUL91	XXXXXXXXXX L
TAILR/SC INSTALL GATES @ SURGE CHAMBER	25	4NOV91	XXXXXXXXXXXXX
P/H CONC INSTALL P/H CRANE	7	22AUG88	L
P/H CONC CONCRETE SERVICE BAY	22	21MAR88	
P/H CONC PRI CONC 'A' UNIT 1	19	22AUG88	
P/H CONC PRI CONC 'B' UNIT 1	17	2JAN89	L
P/H CONC PRI CONC 'A' UNIT 2	19	2JAN89	

SUSITNA HYDRO PROJECT- WATANA CONSTRUCTION SCHED

C P M SCHEDULE

BFBI02D BI-WEEKLY BARCHART PART D

TIME NOW 27SEP82

RUNDATE: 12-OCT-82 09:35:55 SORTED BY: AC CN

D E S C R I P T I O N	DUR WEEKS	SCHED START	90 91 92 93 NDEJAFEMAAPRMAJUJUAUSEPOCNODEJAFEMARAPMAJUJUAUGSEOCNODEJAFEMARAPMAJUJUAU 2120201010121212020101312120202010131212020201312120202010101212120201 01 6047148481593704825926048159360372603715826037148269371481515926047159 26
P/H CONC PRI CONC 'B' UNIT 2	17	15MAY89	L
P/H CONC PRI CONC 'A' UNIT 3	19	15MAY89	
P/H CONC PRI CONC 'B' UNIT 3	17	25SEP89	L
P/H CONC PRI CONC 'A' UNIT 4	19	25SEP89	L
P/H CONC PRI CONC 'B' UNIT 4	17	5FEB90	L
P/H CONC PRI CONC 'A' UNIT 5	19	5FEB90	L
P/H CONC PRI CONC 'B' UNIT 5	17	18JUN90	L
P/H CONC PRI CONC 'A' UNIT 6+WORK AREA	30	18JUN90	XXXX L
P/H CONC PRI CONC 'B' UNIT 6+WORK AREA	25	14JAN91	XXXXXXXXXXXXX L
P/H CONC EMBEDDED PARTS UNIT 1	18	1MAY89	L
P/H CONC EMBEDDED PARTS UNIT 2	18	11SEP89	L
P/H CONC EMBEDDED PARTS UNIT 3	18	22JAN90	L
P/H CONC EMBEDDED PARTS UNIT 4	18	4JUN90	L
P/H CONC EMBEDDED PARTS UNIT 5	18	15OCT90	XXXXXX L
P/H CONC EMBED PARTS UNIT 6+WORK AREA	18	8JUL91	XXXXXXXXX L
P/H CONC SEC CONC UNIT 1	15	4SEP89	L
P/H CONC SEC CONC UNIT 2	15	15JAN90	L
P/H CONC SEC CONC UNIT 3	15	28MAY90	L
P/H CONC SEC CONC UNIT 4	15	8OCT90	XXXX L
P/H CONC SEC CONC UNIT 5	15	18FEB91	XXXXXXXX L
P/H CONC SEC CONC UNIT6+WORK AREA	22	11NOV91	XXXXXXXXXXX L
T/G INSTL INSTALL TURBINE UNIT 1	58	18DEC89	XXXXX
T/G INSTL INSTALL TURBINE UNIT 2	58	30APR90	XXXXXXXXXXXXXX
T/G INSTL INSTALL TURBINE UNIT 3	58	10SEP90	XXXXXXXXXXXXXXXXXXXXXXXX
T/G INSTL INSTALL TURBINE UNIT 4	58	21JAN91	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
T/G INSTL INSTALL TURBINE UNIT 5	58	3JUN91	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
T/G INSTL INSTALL TURBINE UNIT 6	58	13APR92	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
T/G INSTL INSTALL GENERATOR UNIT 1	58	18DEC89	XXXXX
T/G INSTL INSTALL GENERATOR UNIT 2	58	30APR90	XXXXXXXXXXXXXX
T/G INSTL INSTALL GENERATOR UNIT 3	58	10SEP90	XXXXXXXXXXXXXXXXXXXXXXXX
T/G INSTL INSTALL GENERATOR UNIT 4	58	21JAN91	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
T/G INSTL INSTALL GENERATOR UNIT 5	58	3JUN91	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
T/G INSTL INSTALL GENERATOR UNIT 6	58	13APR92	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
T/G INSTL TEST & COMMISION UNIT 1	6	27APR92	XXX
T/G INSTL TEST & COMMISION UNIT 2	6	8JUN92	XXX
T/G INSTL TEST & COMMISION UNIT 3	6	20JUL92	XXX
T/G INSTL TEST & COMMISION UNIT 4	6	31AUG92	XXX
T/G INSTL TEST & COMMISION UNIT 5	6	12OCT92	XXX
T/G INSTL TEST & COMMISION UNIT 6	6	24MAY93	XXX
MAIN SPWY EXC O/B APPROACH(LT BLOCK)	1	11APR88	
MAIN SPWY EXC O/B STRUCTURE(LT BLOCK)	1	18APR88	L
MAIN SPWY CONC LEFT STRUCTURE	14	29AUG88	L
MAIN SPWY INSTALL GUIDES(LT STRUCT)	4	5DEC88	L
MAIN SPWY INSTALL GATES(LT STRUCT)	4	2JAN89	L
MAIN SPWY ERECT TOWER(LT STRUCT)	4	30JAN89	L
MAIN SPWY INSTALL HOISTS(LT STRUCT)	4	27FEB89	L
MAIN SPWY EXC ROCK APPROACH(LT BLOCK)	14	18APR88	L

14112 G.B.

SUSITNA HYDRO PROJECT- WATANA CONSTRUCTION SCHED — PAGE 5

C P M SCHEDULE

BFBI020 BI-WEEKLY BARCHART PART D — TIME NOW 27SEP82

RUNDATE: 12-OCT-82 09:35:55 SORTED BY: AC CN

Timeline header: 90 91 92 93
NDEJAFENAAPRNAJUJUAUSEFOCNODEJAFENARAPMAJUJUAUGSEOCNODEJAFENARAPMAJUJUAU
21202010101212120201013121202020101312120202013121202020101012121202010 1
604714848159370482592604815936037260371582603714826937148151592604715926

DESCRIPTION	DUR WEEKS	SCHED START
MAIN SPWY EXC ROCK STRUCTURE	5	25JUL88
MAIN SPWY LAG	5	29AUG88
MAIN SPWY CONCRETE CENTER STRUCTURE	12	3OCT88
MAIN SPWY INSTALL GUIDES(CTR STRUCT)	4	2JAN89
MAIN SPWY INSTALL GATES(CTR STRUCT)	4	30JAN89
MAIN SPWY ERECT TOWER(CTR STRUCT)	4	27FEB89
MAIN SPWY INSTALL HOISTS(CTR STRUCT)	4	27MAR89
MAIN SPWY EXC DRAIN BLW STRUCTURE	4	25JUL88
MAIN SPWY CONCRETE RIGHT STRUCTURE	14	29AUG88
MAIN SPWY LAG	4	5DEC88
MAIN SPWY INSTALL GUIDES(RT STRUCT)	4	30JAN89
MAIN SPWY INSTALL GATES(RT STRUCT)	4	27FEB89
MAIN SPWY ERECT TOWER(RT STRUCT)	4	27MAR89
MAIN SPWY INSTALL HOIST(RT STRUCT)	4	24APR89
MAIN SPWY EXC DRAIN TUNNEL	19	3OCT88
MAIN SPWY EXC O/B @ SEC 'A'	1	11APR88
MAIN SPWY EXC ROCK @ SEC 'A'	3	18APR88
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC A	3	9MAY88
MAIN SPWY CONCRETE (SEC A)	4	30MAY88
MAIN SPWY EXC O/B (SEC B)	1	18APR88
MAIN SPWY EXC ROCK @ SEC B	3	9MAY88
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC A	3	30MAY88
MAIN SPWY LAG (SEC B)	2	11JUL88
MAIN SPWY CONCRETE (SEC B)	4	25JUL88
MAIN SPWY EXC O/B @ SEC C	1	25APR88
MAIN SPWY EXC ROCK @ SEC C	3	30MAY88
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC C	3	20JUN88
MAIN SPWY CONCRETE (SEC C)	4	11JUL88
MAIN SPWY EXC O/B @ SEC D	1	2MAY88
MAIN SPWY EXC ROCK @ SEC D	3	20JUN88
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC D	3	11JUL88
MAIN SPWY LAG (SEC D)	2	22AUG88
MAIN SPWY CONCRETE (SEC D)	4	5SEP88
MAIN SPWY EXC O/B @ SEC E	1	9MAY88
MAIN SPWY EXC ROCK @ SEC E	3	11JUL88
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC E	3	1AUG88
MAIN SPWY CONCRETE (SEC E)	4	22AUG88
MAIN SPWY EXC O/B @ SEC F	1	11APR88
MAIN SPWY EXC ROCK @ SEC F	2	18APR88
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC F	3	2MAY88
MAIN SPWY CONCRETE (SEC F)	3	19SEP88
MAIN SPWY EXC O/B @ SEC G	1	18APR88
MAIN SPWY EXC ROCK @ SEC G	2	2MAY88
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC G	3	23MAY88
MAIN SPWY LAG (SEC G)	2	19SEP88
MAIN SPWY CONCRETE (SEC G)	3	3OCT88
MAIN SPWY EXC O/B @ SEC H	1	25APR88

C P M SCHEDULE

BFBI02D BI-WEEKLY BARCHART PART D   TIME NOW 27SEP82

RUNDATE: 12-OCT-82 09:35:55 SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START	90 91 / 92 / 93 NDEJAFEMAAPRMAJUJUAUSEPOCNODEJAFEMARAPMAJUJUAUGSEOCNODEJAFEMARAPMAJUJUAU 2120201010121212020101312120202010131212020201312120202010101212120201 01 6047148481593704825926048159360372603715826037148269371481515926047159 26
MAIN SPWY EXC ROCK @ SEC H	2	16MAY88	
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC H	3	13JUN88	L
MAIN SPWY CONCRETE (SEC H)	3	4JUL88	L
MAIN SPWY EXC O/B @ SEC I	1	2MAY88	
MAIN SPWY EXC ROCK @ SEC I	2	30MAY88	
MAIN SPWY DRILL ANCRS/INSTL DRAINS(SEC I	3	4JUL88	L
MAIN SPWY LAG (SEC I)	2	12DEC88	L
MAIN SPWY CONCRETE (SEC I)	3	26DEC88	L
MAIN SPWY EXC O/B @ VALVE BLK/OUTFALL	1	9MAY88	
MAIN SPWY EXC ROCK @ VALVE BLK/OUTFALL	16	13JUN88	
MAIN SPWY DRILL ANCRS/INSTL DRAINS VB/OF	6	3OCT88	L
MAIN SPWY CONCRETE (BLOCK)	22	12DEC88	L
MAIN SPWY CONCRETE (OUTFALL)	4	14NOV88	L
EMER SPWY EXC O/B APPROACH	4	15APR91	XX L
EMER SPWY EXC ROCK APPROACH	26	13MAY91	XXXXXXXXXXXXX L
EMER SPWY CONSTRUCT BRIDGE	50	11NOV91	XXXXXXXXXXXXXXXXXXXXXXXXXX
EMER SPWY EXC O/B UPPER CHUTE	16	15APR91	XXXXXXXX L
EMER SPWY EXC ROCK UPPER CHUTE	48	5AUG91	XXXXXXXXXXXXXXXXXXXXXXXXX
EMER SPWY CONSTRUCT FUSE PLUG	5	6JUL92	XXX
EMER SPWY EXC O/B LOWER CHUTE	16	15APR91	XXXXXXXX L
EMER SPWY EXC ROCK LOWER CHUTE	48	5AUG91	XXXXXXXXXXXXXXXXXXXXXXXXX
POWR INTK EXC O/B(+ OUT FACS INTAKE)	4	29JUN87	
POWR INTK EXC ROCK(+ OUT FACS INTAKE)	52	27JUL87	
POWR INTK DRILL ANCHORS INTAKE #1	3	25JUL88	
POWR INTK CONRETE INTAKE #1	31	15AUG88	
POWR INTK INSTALL GUIDES INTAKE #1	10	20MAR89	
POWR INTK INSTALL GATE INTAKE #1	10	29MAY89	L
POWR INTK ERECT TOWER INTAKE #1	10	7AUG89	L
POWR INTK ERECT HOIST INTAKE #1	5	16OCT89	L
POWR INTK DRILL ANCHORS INTAKE #2	3	15AUG88	
POWR INTK LAG	5	26SEP88	
POWR INTK CONCRETE INTAKE #2	31	31OCT88	
POWR INTK INSTALL GUIDES INTAKE #2	10	5JUN89	L
POWR INTK INSTALL GATE INTAKE #2	10	14AUG89	L
POWR INTK ERECT TOWER INTAKE #2	10	23OCT89	L
POWR INTK ERECT HOIST INTAKE #2	5	1JAN90	L
POWR INTK DRILL ANCHORS INTAKE #3	3	5SEP88	
POWR INTK CONCRETE INTAKE #3	31	26SEP88	L
POWR INTK INSTALL GUIDES INTAKE #3	10	14AUG89	L
POWR INTK INSTALL GATE INTAKE #3	10	23OCT89	L
POWR INTK ERECT TOWER INTAKE #3	10	1JAN90	L
POWR INTK ERECT HOIST INTAKE #3	5	12MAR90	L
POWR INTK DRILL ANCHORS INTAKE #4	3	25JUL88	
POWR INTK LAG	5	26SEP88	
POWR INTK CONCRETE INTAKE #4	31	31OCT88	L
POWR INTK INSTALL GUIDES INTAKE #4	10	23OCT89	L
POWR INTK INSTALL GATE INTAKE #4	10	1JAN90	L

SUSITNA HYDRO PROJECT- WATANA CONSTRUCTION SCHED PAGE 7

. C P M SCHEDULE

BFBI02D BI-WEEKLY BARCHART PART D TIME NOW 27SEP82

RUNDATE: 12-OCT-82 09:35:55 SORTED BY: AC CN

DESCRIPTION			DUR WEEKS	SCHED START	90 91 92 93 NDEJAFEMAAPRMAJUJUAUSEPOCNODEJAFEMARAPMAJUJUAUGSEOCNODEJAFEMARAPMAJUJUAU 2120201010121212020101312120202010131212020201312120202010101212120201 01 6047148481593704825926048159360372603715826037148269371481515926047159 26
POWR INTK ERECT TOWER INTAKE #4			10	12MAR90	L
POWR INTK ERECT HOIST INTAKE #4			5	21MAY90	L
POWR INTK DRILL ANCHORS INTAKE #5			3	15AUG88	
POWR INTK CONCRETE INTAKE #5			31	5SEP88	L
POWR INTK INSTALL GUIDES INTAKE #5			10	1JAN90	L
POWR INTK INSTALL GATE INTAKE #5			10	12MAR90	L
POWR INTK ERECT TOWER INTAKE #5			10	21MAY90	L
POWR INTK ERECT HOIST INTAKE #5			5	30JUL90	L
POWR INTK DRILL ANCHORS INTAKE #6			3	5SEP88	
POWR INTK LAG			5	17OCT88	L
POWR INTK CONCRETE INTAKE #6			31	21NOV88	L
POWR INTK INSTALL GUIDES INTAKE #6			10	12MAR90	L
POWR INTK INSTALL GATE INTAKE #6			10	21MAY90	L
POWR INTK ERECT TOWER INTAKE #6			10	30JUL90	L
POWR INTK ERECT HOIST INTAKE #6			5	8OCT90	L
POWR INTK DRILL ANCHORS OUTLET INTAKE			3	26SEP88	
POWR INTK CONCRETE OUTLET INTAKE			31	17OCT88	L
POWR INTK INSTALL GUIDES OUTLET INTAKE			5	21MAY90	L
POWR INTK INSTALL GATE OUTLET INTAKE			5	30JUL90	L
POWR INTK ERECT TOWER OUTLET INTAKE			5	8OCT90	L
POWR INTK ERECT HOIST OUTLET INTAKE			5	12NOV90	XX L
OUTL FACS EXC TOP 100' TUNNEL			2	25JUL88	L
OUTL FACS EXC TNL FROM LOWER END		ST	10	3OCT88	
OUTL FACS EXC TNL FROM LOWER END		FIN	46	12DEC88	L
OUTL FACS CONCRETE TUNNEL			20	30OCT89	L
OUTL FACS INSTALL MECH LINE & VALVES			20	19MAR90	L
REL CHANL EXC OVERBURDEN		ST	8	4MAY92	XXXXX
REL CHANL EXC OVERBURDEN		FIN	9	29JUN92	XXXXX
REL CHANL PLACE FILL		ST	9	29JUN92	XXXXX
REL CHANL PLACE FILL		FIN	9	31AUG92	XXXXX
REL CHANL PLACE RIP RAP			15	31AUG92	XXXXXXXX
MD DRN&GRT-EXC	HOR TUN SPILLWAY	RT	14	25JUL88	L
MD DRN&GRT-DRN&GRT	HOR TUN SPILLWAY	RT	12	31OCT88	L
MD DRN&GRT-EXC	HOR TUN 2140	RT	2	27JAN86	
MD DRN&GRT-DRN&GRT	HOR TUN 2140	RT	3	10FEB86	L
MD DRN&GRT-EXC	HOR TUN 1960	RT	2	27JAN86	
MD DRN&GRT-DRN&GRT	HOR TUN 1960	RT	1	10FEB86	L
MD DRN&GRT-EXC	HOR TUN 1750 ST	RT	2	18NOV85	
MD DRN&GRT-EXC	HOR TUN 1750 FIN	RT	1	2DEC85	
MD DRN&GRT-DRN&GRT	HOR TUN 1750	RT	1	5MAY86	
MD DRN&GRT-EXC	HOR TUN 1400 ST	RT	2	9SEP85	
MD DRN&GRT-EXC	HOR TUN 1400 CT	RT	3	23SEP85	
MD DRN&GRT-EXC	HOR TUN 1400 FIN	RT	1	14OCT85	
MD DRN&GRT-DRN&GRT	HOR TUN 1400	RT	1	23SEP85	
MD DRN&GRT-EXC	HOR TUN 1400 D/S	RT	22	9SEP85	
MD DRN&GRT-EXC	SHAFT 1750-1400	RT	4	10FEB86	
MD DRN&GRT-MECH	SHAFT 1750-1400	RT	8	10MAR86	

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SUSITNA HYDRO PROJECT- WATANA CONSTRUCTION SCHED                                                                            PAGE    8
                                                C P M   SCHEDULE                                                         TIME NOW 27SEP82
BFBI02D     BI-WEEKLY BARCHART PART D           ----------------
RUNDATE:    12-OCT-82 09:35:55     SORTED BY: AC CN
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                                            DUR       SCHED      90 91                           92                           93
    D E S C R I P T I O N                   WEEKS     START     NDFJAFEMAAPRMAJUJUAUSEPOCNODEJAFEMARAPMAJUJUAUGSEOCNODEJAFEMARAPMAJUJUAU
                                                                2120201010121212020101312120202010131212020201312120202010101212120201О1
                                                                604714848159370482592604815936037260371582603714826937148151592604715926
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MD DRN&GRT-EXC      INC TUN 1960-2140 RT       8   10FEB86
MD DRN&GRT-DRN&GRT  INC TUN 1960-2140 RT       9    7APR86                      L
MD DRN&GRT-EXC      INC TUN 1750-1960 RT       8   10FEB86
MD DRN&GRT-DRN&GRT  INC TUN 1750-1960 RT      15    7APR86                      L
MD DRN&GRT-EXC      INC TUN 1290-1400 RT      11   14OCT85
MD DRN&GRT-DRN&GRT  INC TUN 1290-1400 RT      25   30DEC85
MD DRN&GRT-EXC      BASE TUN 1290 ST  RT       6   30DEC85
MD DRN&GRT-EXC      BASE TUN 2130 FIN RT       1   10FEB86
MD DRN&GRT-DRN&GRT  BASE TUN 1290     RT      12   11MAY87
MD DRN&GRT-EXC      HOR TUN 2130 ST   LT       5   24NOV86
MD DRN&GRT-EXC      HOR TUN 2130 FIN  LT       6   29DEC86
MD DRN&GRT-DRN&GRT  HOR TUN 2130      LT       8    9FEB87                      L
MD DRN&GRT-EXC      HOR TUN 1950      LT       2   24NOV86
MD DRN&GRT-DRN&GRT  HOR TUN 1950      LT       1    8DEC86                      L
MD DRN&GRT-EXC      HOR TUN 1750      LT       2   13OCT86
MD DRN&GRT-DRN&GRT  HOR TUN 1750      LT       1   27OCT86
MD DRN&GRT-EXC      HOR TUN 1490 ST   LT       2    1SEP86
MD DRN&GRT-EXC      HOR TUN 1490 FIN  LT       3   15SEP86
MD DRN&GRT-DRN&GRT  HOR TUN 1490      LT       1   18MAY87
MD DRN&GRT-EXC      HOR TUN 1490 D/S  LT      25    1SEP86
MD DRN&GRT-EXC      SHAFT   1490-1750 LT       4   23FEB87
MD DRN&GRT-MECH     SHAFT   1490-1750 LT       8   23MAR87
MD DRN&GRT-EXC      SHAFT   1290-1490 LT       3   23FEB87
MD DRN&GRT-MECH     SHAFT   1290-1490 LT       8   16MAR87
MD DRN&GRT-EXC      INC TUN 1950-2130 LT      11    8DEC86
MD DRN&GRT-DRN&GRT  INC TUN 1950-2130 LT      22   23FEB87                      L
MD DRN&GRT-EXC      INC TUN 1750-1950 LT       8   27OCT86
MD DRN&GRT-DRN&GRT  INC TUN 1750-1950 LT      10   22DEC86                      L
PROJECT COMPLETE-ALL UNITS ON LINE                 23AUG93

DRB3:[MEILHEDE,WASCH]REP01.LIS;1
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DEVCAN.MFL;50 REP01.LIS;

12-OCT-82 11:39:03 SUSITNA HYDROELECTRIC PROJECT - DEVIL CANYON F570009 PAGE 1
K & H PROMINI SYSTEM TIME NOW: 1JUL95
SORTED BY - AC CN

CPM ANALYSIS LISTING

REP01

I-NODE	J-NODE	DUR	SELECT CODES	DESCRIPTION	E.S.	E.F.	L.S.	L.F.	T.F.	F.F.	CL
A0404	A0408	48	C1	CONSTR RDS RT BNK-SEGM 20-19; L=1800FT	1JUL95	26AUG95	29AUG96	24OCT96	343	0	3
A0404	A1224	208	H C111	ACCESS TO SPILLWAY APPROACH	1JUL95	24JAN96	29AUG96	30SEP99	1345	0	1
A0404	A2020	172	H C107	ACCESS TO RIGHT ARCH ABUT EXC	1JUL95	19DEC95	29AUG96	11APR97	479	0	1
A0408	A0412	144	C1	CONSTR RDS RT BNK-SEGM 19-18; L=2600FT	28AUG95	29FEB96	21SEP99	22MAR 0	1191	0	3
A0408	A0812	36	C1	CONSTR RDS RT BNK-SEGM 19-21; L=1400FT	28AUG95	9OCT95	25OCT96	6DEC96	343	0	3
A0812	A0816	60	C1	CONSTR RDS RT BNK-SEGM 21-22A;L=1050FT	10OCT95	19DEC95	7DEC96	3MAR97	343	0	3
A0812	A2016	42	C1	CONSTR RDS RT BNK-SEGM 21-26; L= 750FT	10OCT95	29NOV95	18JAN97	8MAR97	366	0	3
A0816	A0820	6	C1	CONSTR RDS RT BNK-SEGM 22A-22;L= 150FT	20DEC95	10JAN96	24AUG 0	30AUG 0	1367	0	3
A0816	A1220	12	C1	CONSTR RDS RT BNK-SEGM 22A-23;L= 300FT	20DEC95	17JAN96	4MAR97	17MAR97	343	0	3
A1220	A1224	6	C1	CONSTR RDS RT BNK-SEGM 23-25; L= 200FT	18JAN96	24JAN96	24SEP99	30SEP99	1086	0	3
A1220	A1624	6	C1	CONSTR RDS RT BNK-SEGM 23-24; L= 200FT	18JAN96	24JAN96	18MAR97	24MAR97	343	0	3
A2016	A2020	18	C1	CONSTR RDS RT BNK-SEGM 26-27; L= 800FT	29NOV95	19DEC95	20MAR97	11APR97	375	0	3
A2016	A2420	36	C1	CONSTR RDS RT BNK-SEGM 26-28; L= 850FT	29NOV95	24JAN96	10MAR97	22APR97	366	0	3
A2804	A2808	60	C1	CONSTR RDS RT BNK-SEGM 1- 2; L=6000FT	1JUL95	11SEP95	27APR96	8JUL96	239	0	3
A2804	A2820	474	H C115	ACCESS TO T/R TUNNEL PORTAL	1JUL95	16OCT96	27APR96	14AUG97	302	0	1
A2804	A3224	453	H C114	ACCESS TO P/H ENTRY PORTAL	1JUL95	25SEP96	27APR96	8AUG97	317	0	1
A2804	A4812	87	H C106	ACCESS TO RT THRUST BLK & SPW HDWKS	1JUL95	25SEP95	27APR96	24MAR97	546	0	1
A2804	A4816	94	H C113	ACCESS TO TOP OF INTAKE HDWKS	1JUL95	2OCT95	27APR96	22MAR 0	1633	0	1
A2808	A2812	12	C1	CONSTR RDS RT BNK-SEGM 2- 9; L=1000FT	12SEP95	25SEP95	9JUL96	22JUL96	239	0	3
A2808	A4812	12	C1	CONSTR RDS RT BNK-SEGM 2- 3; L= 900FT	12SEP95	25SEP95	11MAR97	24MAR97	433	0	3
A2808	A5212	30	C1	CONSTR RDS RT BNK-SEGM 2-18; L=2200FT	12SEP95	16OCT95	16FEB 0	22MAR 0	1293	0	3
A2812	A2816	120	C1	CONSTR RDS RT BNK-SEGM 9-10; L=2865FT	26SEP95	29FEB96	23JUL96	11DEC96	239	0	3
A2812	A4416	54	C1	CONSTR RDS RT BNK-SEGM 9-17; L=1700FT	26SEP95	28NOV95	29JUL99	30SEP99	1122	0	3
A2816	A2820	192	C1	CONSTR RDS RT BNK-SEGM 10-13; L=4790FT	1MAR96	16OCT96	12DEC96	14AUG97	239	0	3
A2816	A3220	162	C1	CONSTR RDS RT BNK-SEGM 10-11; L=3400FT	1MAR96	11SEP96	11JAN97	25JUL97	252	0	3
A3220	A3224	12	C1	CONSTR RDS RT BNK-SEGM 11-12; L= 250FT	12SEP96	25SEP96	26JUL97	8AUG97	252	0	3
A3220	A3624	66	C1	CONSTR RDS RT BNK-SEGM 11-14; L=1200FT	12SEP96	27NOV96	6DEC99	6MAR 0	949	0	3
A3220	A4024	90	C1	CONSTR RDS RT BNK-SEGM 11-15; L=1600FT	12SEP96	10JAN97	17FEB 0	5JUN 0	1000	0	3
A3220	A4824	50	C1	CONSTR RDS RT BNK-SEGM 11-47; L= 900FT	12SEP96	8NOV96	28JUN 1	25AUG 1	1403	0	3
A3220	A5224	60	C1	CONSTR RDS RT BNK-SEGM 11-48; L=1000FT	12SEP96	20NOV96	27JUN 1	6SEP 1	1402	0	3
A4024	A4028	48	C1	CONSTR RDS RT BNK-SEGM 15-16; L= 850FT	11JAN97	8MAR97	5AUG 2	30SEP 2	1637	1637	3
A4024	A4428	30	C1	CONSTR RDS RT BNK-SEGM 15-15A;L= 500FT	11JAN97	14FEB97	15JUN 1	20JUL 1	1302	0	3
A4812	A4816	6	C1	CONSTR RDS RT BNK-SEGM 3- 4; L= 500FT	26SEP95	2OCT95	16MAR 0	22MAR 0	1305	0	3
A4812	D0508	126	H C722	MAIN DAM-RIGHT THRUST BLOCK -EXCAVATION	26SEP95	29JAN96	25MAR97	28MAR97	424	0	1
A4812	J0820	743	H C850	CHUTE SPILLWAY-HEADWORKS-EXCAVATION	26SEP95	7OCT97	25MAR97	16NOV99	770	0	1
A5212	H0308	726	H C870	INTAKE-EXCAVATION	17OCT95	11OCT97	23MAR 0	30AUG 0	1054	0	1
A5604	A5608	12	C1	CONSTR RDS LT BNK-SEGM 29-30; L= 400FT	1JUL95	15JUL95	11OCT95	24OCT95	85	0	3
A5604	A5612	50	H C101	ACCESS TO U/S DIVERSION PORTAL	1JUL95	19AUG95	11OCT95	29NOV95	102	0	1
A5604	A6016	94	H C108	ACCESS TO LEFT ARCH ABUTMENT EXCAVATION	1JUL95	2OCT95	11OCT95	30APR96	211	0	1
A5604	A6020	215	H C102	PREL ACCESS TO D/S DIV PORTAL & D/S C/D	1JUL95	31JAN96	11OCT95	15AUG96	197	0	1
A5604	A6416	64	H C104	ACCESS TO U/S COFFERDAM	1JUL95	2SEP95	11OCT95	21NOV96	446	0	1
A5608	A5612	30	C1	CONSTR RDS LT BNK-SEGM 30-42; L= 500FT	17JUL95	19AUG95	25OCT95	29NOV95	85	0	3
A5608	A6012	36	C1	CONSTR RDS LT BNK-SEGM 30-31; L= 600FT	17JUL95	26AUG95	10FEB96	23MAR96	164	0	3
A6012	A6016	30	C1	CONSTR RDS LT BNK-SEGM 31-33; L= 500FT	28AUG95	2OCT95	25MAR96	30APR96	164	0	3
A6012	A6416	6	C1	CONSTR RDS LT BNK-SEGM 31-32; L= 100FT	28AUG95	2SEP95	15NOV96	21NOV96	361	0	3
A6016	A6020	90	C1	CONSTR RDS LT BNK-SEGM 33-44; L=1550FT	3OCT95	31JAN96	1MAY96	15AUG96	164	0	3
A6020	A6024	50	C1	CONSTR RDS LT BNK-SEGM 44-46; L= 900FT	1FEB96	30MAR96	13JUL 2	10SEP 2	1894	0	3
A6020	A6424	60	C1	CONSTR RDS LT BNK-SEGM 44-45; L=1000FT	1FEB96	13APR96	26JUN 2	5SEP 2	1880	0	3
A6804	A6808	18	C1	CONSTR RDS LT BNK-SEGM 34-35; L=2000FT	1JUL95	22JUL95	23JAN97	12FEB97	454	0	3
A6804	A6812	29	H C109	ACCESS TO RIGHT SIDE OF SADDLE DAM	1JUL95	29JUL95	23JAN97	7JUL99	1439	0	1
A6804	A7212	50	H C105	ACCESS TO LEFT THRUST BLOCK	1JUL95	19AUG95	23JAN97	13MAR97	572	0	1

CPM ANALYSIS LISTING

REP01

I-NODE	J-NODE	DUR	SELECT CODES	------D E S C R I P T I O N------------	E.S.	E.F.	L.S.	L.F.	T.F.	F.F.	CL
~~A6808~~	~~A6812~~	~~6~~	~~C1~~	~~CONSTR RDS LT BNK-SEGM 35-36; L= 480FT~~	~~24JUL95~~	~~29JUL95~~	~~30JUN99~~	~~7JUL99~~	~~1152~~	~~0~~	~~3~~
A6808	A7212	24	C1	CONSTR RDS LT BNK-SEGM 35-37; L= 400FT	24JUL95	19AUG95	13FEB97	13MAR97	454	0	3
A7212	D2508	11	H C724	MAIN DAM-LEFT THRUST BLOCK -EXCAVATION	20AUG95	30AUG95	14MAR97	24MAR97	572	0	1
~~A7604~~	~~A7608~~	~~48~~	~~C1~~	~~CONSTR RDS LT BNK-SEGM 8- 7; L=4660FT~~	~~1JUL95~~	~~26AUG95~~	~~13APR99~~	~~8JUN99~~	~~1104~~	~~0~~	~~3~~
A7604	A7624	122	H C112	ACCESS TO U/S END OF EMERGENCY SPILLWAY	1JUL95	30OCT95	13APR99	27AUG99	1397	0	1
A7604	A8024	122	H C110	ACCESS TO LEFT SIDE OF SADDLE DAM	1JUL95	30OCT95	13APR99	11AUG99	1381	0	1
~~A7604~~	~~A8812~~	~~481~~	~~H C103~~	~~PERM ACCESS TO D/S DIVERSION PORTAL~~	~~1JUL95~~	~~23OCT96~~	~~13APR99~~	~~26NOV 1~~	~~1862~~	~~0~~	~~1~~
A7608	A7612	30	C1	CONSTR RDS LT BNK-SEGM 7- 5; L=1280FT	28AUG95	2OCT95	9JUN99	14JUL99	1104	0	3
A7608	A8812	342	C1	CONSTR RDS LT BNK-SEGM 7-41; L=9235FT	28AUG95	23OCT96	3OCT 0	28NOV 1	1496	0	3
~~A7612~~	~~A7616~~	~~12~~	~~C1~~	~~CONSTR RDS LT BNK-SEGM 6-38; L= 970FT~~	~~3OCT95~~	~~16OCT95~~	~~15JUL99~~	~~28JUL99~~	~~1104~~	~~0~~	~~3~~
A7616	A7620	6	C1	CONSTR RDS LT BNK-SEGM 38-43; L= 500FT	17OCT95	23OCT95	29JUL99	4AUG99	1104	0	3
A7616	A8420	36	C1	CONSTR RDS LT BNK-SEGM 38-35; L=2200FT	17OCT95	28NOV95	3JAN 0	12FEB 0	1225	0	3
~~A7620~~	~~A7624~~	~~6~~	~~C1~~	~~CONSTR RDS LT BNK-SEGM 43-39; L= 300FT~~	~~24OCT95~~	~~30OCT95~~	~~21AUG99~~	~~27AUG99~~	~~1118~~	~~0~~	~~3~~
A7620	A8024	6	C1	CONSTR RDS LT BNK-SEGM 43-40; L= 500FT	24OCT95	30OCT95	5AUG99	11AUG99	1104	0	3
B0504	B0508	40	C4	DIVERSN ABV GRND U/S PORT-EXCAVATION	21AUG95	6OCT95	30NOV95	30JAN96	85	0	3
~~B0504~~	~~B1328~~	~~360~~	~~H C416~~	~~DIVERSION WORKS COMPLETE~~	~~20AUG95~~	~~13AUG96~~	~~30NOV95~~	~~21NOV96~~	~~100~~	~~0~~	~~1~~
B0512	B0516	24	C4	DIVERSN ABV GRND U/S PORT-TRANS CONC	18DEC95	29JAN96	13APR96	1[illegible]MAY96	85	0	3
B0516	B0520	54	C4	DIVERSN ABV GRND U/S PORT-GATE STRUCT	30JAN96	2APR96	11[illegible]Y96	[illegible]JUL96	85	0	3
~~B0520~~	~~B0524~~	~~110~~	~~C4~~	~~DIVERSN ABV GRND U/S PORT-GATES&HOISTS~~	~~3APR96~~	~~13AUG96~~	~~16JUL96~~	~~21NOV96~~	~~85~~	~~0~~	~~3~~
B1004	B1008	30	C4	DIVERSN ABV GRND D/S PORT-EXCAVATION	1FEB96	7MAR96	16AUG96	20SEP96	164	0	3
B1012	B1016	48	C4	DIVERSN ABV GRND D/S PORT-CONC&GUIDES	14MAR96	10MAY96	27SEP96	21NOV96	164	0	3
~~B1508~~	~~B1512~~	~~60~~	~~C4~~	~~DIVERSN BLV GRND U/S-TUNL HEADING 1200FT~~	~~7OCT95~~	~~16DEC95~~	~~31JAN96~~	~~12APR96~~	~~85~~	~~0~~	~~3~~
B1512	B1516	12	C4	DIVERSN BLV GRND U/S -CURB CONC	18DEC95	15JAN96	17SEP96	30SEP96	216	0	3
B1516	B1520	30	C4	DIVERSN BLV GRND U/S-LINING CONC 1200FT	16JAN96	20FEB96	1OCT96	4NOV96	216	0	3
~~B1520~~	~~B1524~~	~~15~~	~~C4~~	~~DIVERSN BLV GRND U/S-FLOOR CONC 1200FT~~	~~21FEB96~~	~~8MAR96~~	~~5NOV96~~	~~21NOV96~~	~~216~~	~~0~~	~~3~~
B2008	B2012	5	C4	DIVERSN BLV GRND D/S-TUNL HEADING 100FT	8MAR96	13MAR96	21SEP96	26SEP96	164	0	3
B2012	B2016	12	C4	DIVERSN BLV GRND D/S -CURB CONC	14MAR96	27MAR96	2NOV96	15NOV96	195	0	3
~~B2016~~	~~B2020~~	~~3~~	~~C4~~	~~DIVERSN BLV GRND D/S-LINING CONC 100FT~~	~~28MAR96~~	~~30MAR96~~	~~16NOV96~~	~~19NOV96~~	~~195~~	~~0~~	~~3~~
B2020	B2024	2	C4	DIVERNS BLV GRND D/S-FLOOR CONC 100FT	1APR96	2APR96	20NOV96	21NOV96	195	0	3
B2504	B2508	6	C4	DIVERSN PLUG-CLOSE U/S GATES	1FEB 0	7FEB 0	29NOV 1	5DEC 1	546	0	3
~~B2504~~	~~B2520~~	~~80~~	~~H C720~~	~~DIVERSION WORKS PLUGGED~~	~~1FEB 0~~	~~20APR 0~~	~~29NOV 1~~	~~10MAR 2~~	~~689~~	~~0~~	~~1~~
B2508	B2512	6	C4	DIVERSN PLUG - CLOSE D/S STOPLOGS	8FEB 0	14FEB 0	6DEC 1	12DEC 1	546	0	3
B2512	B2516	36	C4	DIVERSN PLUG - CONC PLUG	15FEB 0	28MAR 0	13DEC 1	7FEB 2	546	0	3
~~B2516~~	~~B2520~~	~~18~~	~~C4~~	~~DIVERSN PLUG - GROUT~~	~~29MAR 0~~	~~20APR 0~~	~~16FEB 2~~	~~9MAR 2~~	~~553~~	~~0~~	~~3~~
B3016	B3024	25	C4	DIVERN-REMOVE U/S GATES & GATE STRUCTURE	29MAR 0	28APR 0	8FEB 2	9MAR 2	546	0	3
C0504	C0508	24	C4	COFFERDAMS-PLACE U/S-ROCK CLOSURE DAM	3SEP96	30SEP96	22NOV96	20DEC96	69	0	3
~~C0504~~	~~C0508~~	~~12~~	~~C4~~	~~TO EL915 Q=41900CY~~	~~3SEP96~~	~~16SEP96~~	~~7DEC96~~	~~20DEC96~~	~~81~~	~~12~~	~~3~~
C0504	C0516	108	H C417	UPSTREAM COFFERDAM	1SEP96	17DEC96	22NOV96	24MAR97	97	0	1
C0504	C1024	138	H C421A	COFFERDAM	1SEP96	16JAN97	22NOV96	16MAY97	120	0	1
~~C0508~~	~~C0512~~	~~60~~	~~C4~~	~~COFFERDAMS-PLACE U/S-GROUTING~~	~~1OCT96~~	~~10DEC96~~	~~6JAN97~~	~~17MAR97~~	~~69~~	~~0~~	~~3~~
C0512	C0516	6	C4	COFFERDAMS-PLACE U/S-COMPL C/D Q=36900CY	11DEC96	17DEC96	18MAR97	24MAR97	69	0	3
C1020	C1024	6	C4	COFFERDAMS-DEWATER	10JAN97	16JAN97	10MAY97	16MAY97	100	0	3
~~C1508~~	~~C1512~~	~~13~~	~~C4~~	~~COFFERDAMS-PLACE D/S-CLOS DAM Q=47000CY~~	~~1OCT96~~	~~15OCT96~~	~~11FEB97~~	~~26FEB97~~	~~100~~	~~0~~	~~3~~
C1508	C1516	101	H C418	DOWNSTREAM COFFERDAM	1OCT96	9JAN97	11FEB97	9MAY97	120	0	1
C1512	C1016	6	C4	COFFERDAMS-PLACE D/S-RIPRAP Q= 1650CY	16OCT96	22OCT96	3MAY97	9MAY97	154	0	3
~~C1512~~	~~C1516~~	~~60~~	~~C4~~	~~COFFERDAMS-PLACE D/S-GROUTING~~	~~16OCT96~~	~~9JAN97~~	~~27FEB97~~	~~9MAY97~~	~~100~~	~~0~~	~~3~~
C2004	C2008	6	C4	COFFERDAMS-REMOVE D/S ONLY-FLOOD	26APR99	1MAY99	3NOV 1	9NOV 1	750	0	3
C2004	C2012	24	H C419B	REMOVE D/S COFFERDAM	26APR99	19MAY99	3NOV 1	28NOV 1	924	0	1
~~C2008~~	~~C2012~~	~~15~~	~~C4~~	~~COFFERDAMS-REMOVE D/S ONLY-REM Q=42000CY~~	~~3MAY99~~	~~19MAY99~~	~~10NOV 1~~	~~28NOV 1~~	~~750~~	~~0~~	~~3~~
D0504	D0508	4	C7	MN DAM EXC RT BANK-THRUST BLOCK	25JAN96	29JAN96	25MAR97	28MAR97	343	0	3
D0508	D0528	386	H C726	MAIN DAM-RIGHT ABUTMENT -EXCAVATION	30JAN96	18FEB97	29MAR97	16MAY97	87	0	1

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CPM ANALYSIS LISTING

REP01

I-NODE	J-NODE	DUR	SELECT CODES	DESCRIPTION	E.S.	E.F.	L.S.	L.F.	T.F.	F.F.	CL
D0508	E0212	275 H	C730	MAIN DAM-RIGHT THRUST BLOCK -CONCRETE	30JAN96	30OCT96	29MAR97	22DEC 1	1879	0	1
D0510	D0512	4	C7	MN DAM EXC RT BANK-EL.1300 - EL.1350	18DEC96	6JAN97	29MAR97	2APR97	73	0	3
D0512	D0516	6	C7	MN DAM EXC RT BANK-EL.1200 - EL.1300	7JAN97	13JAN97	3APR97	11APR97	73	0	3
D0518	D0520	9	C7	MN DAM EXC RT BANK-EL.1100 - EL.1200	14JAN97	23JAN97	12APR97	22APR97	73	0	3
D0522	D0524	10	C7	MN DAM EXC RT BANK-EL.1000 - EL.1100	24JAN97	4FEB97	23APR97	3MAY97	73	0	3
D0524	D0528	11	C7	MN DAM EXC RT BANK-EL. 900 - EL.1000	5FEB97	18FEB97	5MAY97	16MAY97	73	0	3
D1004	D1008	12	C7	MN DAM EXC RVR BED-EXC U/S ALLUVIUM	17JAN97	30JAN97	25JUL 1	7AUG 1	1330	0	3
D1008	D1012	15	C7	MN DAM EXC RVR BED-U/S CONSOLID GROUTING	31JAN97	18FEB97	8AUG 1	24AUG 1	1330	128	3
D1008	D1012	15	C7	-TO EL.900 L=24700FT	31JAN97	18FEB97	8AUG 1	24AUG 1	1330	128	3
D1012	D1016	80	C7	MN DAM EXC RVR BED-U/S CONSOL GROUT COMP	24JUL97	25OCT97	25AUG 1	28NOV 1	1202	0	3
D1012	D1016	80	C7	L=65000FT	24JUL97	25OCT97	25AUG 1	28NOV 1	1202	0	3
D1504	D1508	20	C7	MN DAM EXC RVR BED-REMOVE ABUTM MAT'L	24FEB97	18MAR97	17MAY97	10JUN97	69	0	3
D1504	D1516	48 H	C727	MAIN DAM-RIVER EXCAVATION	23FEB97	11APR97	17MAY97	16JUL97	96	0	1
D1508	D1512	12	C7	MN DAM EXC RVR BED-REM ALLUV EL820-EL900	19MAR97	1APR97	11JUN97	24JUN97	69	0	3
D1512	D1516	7	C7	MN DAM EXC RVR BED-EXCAV KEYWAY	2APR97	11APR97	9JUL97	16JUL97	79	0	3
D2004	D2008	12	C7	MN DAM EXC RVR BED-EXC D/S ALLUVIUM	17JAN97	30JAN97	29JUN 1	13JUL 1	1309	0	3
D2008	D2012	15	C7	MN DAM EXC RVR BED-D/S CONSOLID GROUTING	31JAN97	18FEB97	14JUL 1	31JUL 1	1309	128	3
D2008	D2012	15	C7	-TO EL.900 L=22230FT	31JAN97	18FEB97	14JUL 1	31JUL 1	1309	128	3
D2012	D2016	80	C7	MN DAM EXC RVR BED-D/S CONSOL GROUT COMP	24JUL97	25OCT97	1AUG 1	2NOV 1	1181	0	3
D2012	D2014	80	C7	L=65000FT	24JUL97	25OCT97	1AUG 1	2NOV 1	1181	0	3
D2504	D2508	9	C7	MN DAM EXC LT BANK-THRUST BLOCK	21AUG95	30AUG95	14MAR97	24MAR97	454	0	3
D2508	D2528	542 H	C728	MAIN DAM-LEFT ABUTMENT -EXCAVATION	31AUG95	22FEB97	25MAR97	16MAY97	83	0	1
[illegible]2508	E7612	315 H	C731	MAIN DAM-LEFT THRUST BLOCK -CONCRETE	31AUG95	10JUL96	25MAR97	22DEC 1	1991	0	1
D2510	D2512	4	C7	MN DAM EXC LT BANK-EL.1300 - EL.1350	18DEC96	6JAN97	25MAR97	28MAR97	69	0	3
D2512	D2516	10	C7	MN DAM EXC LT BANK-EL.1200 - EL.1300	7JAN97	17JAN97	29MAR97	11APR97	69	0	3
D2516	D2520	11	C7	MN DAM EXC LT BANK-EL.1100 - EL.1200	18JAN97	30JAN97	12APR97	24APR97	69	0	3
D2522	D2524	10	C7	MN DAM EXC LT BANK-EL.1000 - EL.1100	31JAN97	11FEB97	25APR97	6MAY97	69	0	3
D2524	D2528	9	C7	MN DAM EXC LT BANK-EL. 900 - EL.1000	12FEB97	22FEB97	7MAY97	16MAY97	69	0	3
E0204	E0212	156	C7	MD DAM CONC-RT BNK-THRUST BLOCK	29APR96	30OCT96	20JUN 1	21DEC 1	1510	0	3
E0404	E0408	58	C7	MD DAM CONC-RT BNK-BLCK 14 EL1310-EL1350	28APR97	7JUL97	25NOV 0	14FEB 1	1057	0	3
E0404	E3012	1621 H	C734	MAIN DAM-RIGHT HALF -CONCRETE	28APR97	4OCT 1	25NOV 0	22DEC 1	79	0	1
E0408	E0412	259	C7	MD DAM CONC-RT BNK-BLCK 14 EL1350-EL1463	8JUL97	27MAY98	15FEB 1	21DEC 1	1057	0	3
E0604	E0608	65	C7	MD DAM CONC-RT BNK-BLCK 13 EL1266-EL1310	28APR97	15JUL97	13SEP 0	28NOV 0	995	0	3
E0608	E0612	314	C7	MD DAM CONC-RT BNK-BLCK 13 EL1310-EL1463	16JUL97	8AUG98	29NOV 0	21DEC 1	995	0	3
E0804	E0808	58	C7	MD DAM CONC-RT BNK-BLCK 12 EL1226-EL1266	28APR97	7JUL97	10JUL 0	15SEP 0	940	0	3
E0808	E0812	376	C7	MD DAM CONC-RT BNK-BLCK 12 EL1266-EL1463	8JUL97	13OCT98	16SEP 0	21DEC 1	940	0	3
E1004	E1008	58	C7	MD DAM CONC-RT BNK-BLCK 11 EL1186-EL1226	28APR97	7JUL97	5JAN 0	13MAR 0	785	0	3
E1008	E1012	531	C7	MD DAM CONC-RT BNK-BLCK 11 EL1226-EL1463	8JUL97	1MAY99	14MAR 0	21DEC 1	785	0	3
E1204	E1208	58	C7	MD DAM CONC-RT BNK-BLCK 10 EL1148-EL1186	28APR97	7JUL97	18OCT99	7JAN 0	730	0	3
E1208	E1212	586	C7	MD DAM CONC-RT BNK-BLCK 10 EL1186-EL1463	8JUL97	7JUL99	8JAN 0	21DEC 1	730	0	3
E1404	E1408	58	C7	MD DAM CONC-RT BNK-BLCK 9 EL1110-EL1148	28APR97	7JUL97	20AUG99	27OCT99	681	0	3
E1408	E1412	635	C7	MD DAM CONC-RT BNK-BLCK 9 EL1148-EL1463	8JUL97	2SEP99	28OCT99	21DEC 1	681	0	3
E1604	E1608	50	C7	MD DAM CONC-RT BNK-BLCK 8 EL1079-EL1110	28APR97	25JUN97	25JUN99	23AUG99	634	0	3
E1608	E1612	690	C7	MD DAM CONC-RT BNK-BLCK 8 EL1110-EL1463	26JUN97	28OCT99	24AUG99	21DEC 1	634	0	3
E1804	E1808	50	C7	MD DAM CONC-RT BNK-B[illegible]CK 7 EL1046-EL1078	28APR97	25JUN97	7MAY99	6JUL99	593	0	3
E1808	E1812	731	C7	MD DAM CONC-RT BNK-B[illegible]K 7 EL1078-EL1463	26JUN97	14DEC99	7JUL99	21DEC 1	593	0	3
E2004	E2008	50	C7	MD DAM CONC-RT BNK-BLCK 6 EL1014-EL1046	28APR97	25JUN97	29OCT98	11JAN99	447	0	3
E2008	E2012	877	C7	MD DAM CONC-RT BNK-BLCK 6 EL1046-EL1463	26JUN97	22JUN 0	12JAN99	21DEC 1	447	0	3
E2204	E2208	72	C7	MD DAM CONC-RT BNK-BLCK 5 EL 968-EL1014	28APR97	23JUL97	15AUG98	7NOV98	384	0	3
E2208	E2212	918	C7	MD DAM CONC-RT BNK-BLCK 5 EL1014-EL1463	24JUL97	6SEP 0	9NOV98	21DEC 1	384	0	3
E2404	E2408	79	C7	MD DAM CONC-RT BNK-BLCK 4 EL 916-EL 968	28APR97	31JUL97	26MAY98	26AUG98	315	0	3

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REP01

I-NODE	J-NODE	DUR	SELECT CODES	DESCRIPTION	E.S.	E.F.	L.S.	L.F.	T.F.	F.F.	CL
E2408	E2412	980	C7	MD DAM CONC-RT BNK-BLCK 4 EL 968-EL1463	1AUG97	27NOV 0	27AUG98	21DEC 1	315	0	3
E2604	E2608	72	C7	MD DAM CONC-RT BNK-BLCK 3 EL 869-EL 916	28APR97	23JUL97	23OCT97	30JAN98	149	0	3
E2608	E2612	1153	C7	MD DAM CONC-RT BNK-BLCK 3 EL 916-EL1463	24JUL97	27JUN 1	31JAN98	21DEC 1	149	0	3
E2804	E2808	72	C7	MD DAM CONC-RT BNK-BLCK 2 EL 820-EL 869	28APR97	23JUL97	11AUG97	3NOV97	87	0	3
E2808	E2812	1215	C7	MD DAM CONC-RT BNK-BLCK 2 EL 869-EL1463	24JUL97	10SEP 1	4NOV97	21DEC 1	87	0	3
E3004	E3012	1284	C7	MD DAM CONC-RT BNK-BLCK 1 EL 820-EL1463	27MAY97	4OCT 1	14AUG97	21DEC 1	66	0	3
E5204	E3004	24		START LAG	28APR97	24MAY97	17JUL97	13AUG97	66	0	3
E5204	E5212	1288	C7	MD DAM CONC-LT BNK-BLCK 1 EL 820-EL1463	28APR97	11SEP 1	9AUG97	21DEC 1	86	0	3
E5404	E5408	72	C7	MD DAM CONC-LT BNK-BLCK 2 EL 820-EL 867	28APR97	23JUL97	2AUG97	25OCT97	80	0	3
E5408	E5412	1222	C7	MD DAM CONC-LT BNK-BLCK 2 EL 867-EL1463	24JUL97	18SEP 1	27OCT97	21DEC 1	80	0	3
E5604	E5608	79	C7	MD DAM CONC-LT BNK-BLCK 3 EL 867-EL 919	28APR97	31JUL97	23OCT97	7FEB98	149	0	3
E5608	E5612	1146	C7	MD DAM CONC-LT BNK-BLCK 3 EL 919-EL1463	1AUG97	27JUN 1	9FEB98	21DEC 1	149	0	3
E5804	E5808	94	C7	MD DAM CONC-LT BNK-BLCK 4 EL 919-EL 981	28APR97	18AUG97	23MAY98	12SEP98	314	0	3
E5808	E5812	966	C7	MD DAM CONC-LT BNK-BLCK 4 EL 981-EL1463	19AUG97	28NOV 0	14SEP98	21DEC 1	314	0	3
E6004	E6008	79	C7	MD DAM CONC-LT BNK-BLCK 5 EL 981-EL1034	28APR97	31JUL97	10SEP98	11DEC98	405	0	3
E6008	E6012	890	C7	MD DAM CONC-LT BNK-BLCK 5 EL1034-EL1463	1AUG97	11AUG 0	12DEC98	21DEC 1	405	0	3
E6204	E6208	72	C7	MD DAM CONC-LT BNK-BLCK 6 EL1034-EL1083	28APR97	23JUL97	9DEC98	18MAR99	481	0	3
E6208	E6212	821	C7	MD DAM CONC-LT BNK-BLCK 6 EL1083-EL1463	24JUL97	12MAY 0	19MAR99	21DEC 1	481	0	3
E6404	E6408	79	C7	MD DAM CONC-LT BNK-BLCK 7 EL1083-EL1135	28APR97	31JUL97	2JUL99	4OCT99	640	0	3
E6408	E6412	655	C7	MD DAM CONC-LT BNK-BLCK 7 EL1135-EL1463	1AUG97	21OCT99	5OCT99	21DEC 1	640	0	3
E6604	E6608	79	C7	MD DAM CONC-LT BNK-BLCK 8 EL1135-EL1187	28APR97	31JUL97	23SEP99	7JAN 0	709	0	3
E6608	E6612	586	C7	MD DAM CONC-LT BNK-BLCK 8 EL1187-EL1463	1AUG97	31JUL99	8JAN 0	21DEC 1	709	0	3
E6804	E6808	86	C7	MD DAM CONC-LT BNK-BLCK 9 EL1187-EL1247	28APR97	8AUG97	3MAY 0	12AUG 0	884	0	3
E6808	E6812	404	C7	MD DAM CONC-LT BNK-BLCK 9 EL1247-EL1463	9AUG97	18DEC98	14AUG 0	21DEC 1	884	0	3
E7004	E7008	86	C7	MD DAM CONC-LT BNK-BLCK 10 EL1247-EL1303	28APR97	8AUG97	10AUG 0	18NOV 0	967	0	3
E7008	E7012	321	C7	MD DAM CONC-LT BNK-BLCK 10 EL1303-EL1463	9AUG97	11SEP98	20NOV 0	21DEC 1	967	0	3
E7204	E7208	48	C7	MD DAM CONC-LT BNK-BLCK 11 EL1303-EL1340	28APR97	23JUN97	21NOV 0	30JAN 1	1054	0	3
E7208	E7212	272	C7	MD DAM CONC-LT BNK-BLCK 11 EL1340-EL1463	24JUN97	30MAY98	31JAN 1	21DEC 1	1054	0	3
E7404	E5212	1598	H C736	MAIN DAM-LEFT HALF -CONCRETE	28APR97	11SEP 1	31MAY 1	22DEC 1	102	0	1
E7404	E7408	14	C7	MD DAM CONC-LT BNK-BLCK 12 EL1340-EL1350	28APR97	13MAY97	31MAY 1	15JUN 1	1201	0	3
E7408	E7412	159	C7	MD DAM CONC-LT BNK-BLCK 12 EL1350-EL1463	14MAY97	19NOV97	16JUN 1	21DEC 1	1201	0	3
E7604	E7612	250	C7	MD DAM CONC-LT BNK-THRUST BLOCK	31AUG95	10JUL96	27FEB 1	21DEC 1	1605	0	3
F0404	F0408	15	C7	MD DRN&GRT-LT BNK-SHAFT-L= 55FT	18MAR96	3APR96	13JUL 1	30JUL 1	1563	0	3
F0404	F3624	425	H C739	MN DM DRAIN&GROUT-SHAFTS & GALL-LEFT BNK	18MAR96	14MAY97	13JUL 1	28NOV 1	1657	0	1
F0408	F0412	10	C7	MD DRN&GRT-LT BNK-SHAFT-L=110FT	4APR96	17APR96	31JUL 1	10AUG 1	1563	0	3
F0412	F0416	10	C7	MD DRN&GRT-LT BNK-SHAFT-L=120FT	18APR96	29APR96	11AUG 1	22AUG 1	1563	0	3
F0804	F0812	15	C7	MD DRN&GRT-LT BNK-ACC TNL-EL1190-L=195FT	15APR96	1MAY96	6SEP 2	23SEP 2	1820	6	3
F0812	F0820	6	C7	MD DRN&GRT-LT BNK-ACC TNL-EL1190-CON SLB	9MAY96	15MAY96	24SEP 2	30SEP 2	1874	0	3
F1204	F1212	12	C7	MD DRN&GRT-LT BNK-ACC TNL-EL1070-L=190FT	1APR96	16APR96	11SEP 2	24SEP 2	1894	38	3
F1212	F1220	5	C7	MD DRN&GRT-LT BNK-ACC TNL-EL1070-CON SLB	1JUN96	6JUN96	25SEP 2	30SEP 2	1856	0	3
F1604	F15'3	11	C7	MD DRN&GRT-LT BNK-ACC TNL-EL 900-L=170FT	18MAR96	29MAR96	22SEP 1	4OCT 1	1623	0	3
F1612	F1620	5	C7	MD DRN&GRT-LT BNK-ACC TNL-EL 900-CON SLB	26APR96	1MAY96	25SEP 2	30SEP 2	1886	0	3
F2008	F2012	20	C7	MD DRN&GRT-LT BNK-GALLERS-EL1190-L=315FT	4APR96	29APR96	21SEP 1	13OCT 1	1607	0	3
F2012	F2020	8	C7	MD DRN&GRT-LT BNK-GALLERS-EL1190-CON SLB	30APR96	8MAY96	15OCT 1	23OCT 1	1607	0	3
F2020	F1628	30	C7	MD DRN&GRT-LT BNK-GALLERS-EL1190-DRAIN	9MAY96	13JUN96	24OCT 1	28NOV 1	1607	0	3
F2020	F2024	30	C7	MD DRN&GRT-LT BNK-GALLERS-EL1190-GROUT	9MAY96	13JUN96	24OCT 1	28NOV 1	1607	0	3
F2412	F2416	25	C7	MD DRN&GRT-LT BNK-GALLERS-EL1070-L=470FT	18APR96	16MAY96	23AUG 1	21SEP 1	1573	0	3
F2416	F2420	12	C7	MD DRN&GRT-LT BNK-GALLERS-EL1070-CON SLB	17MAY96	31MAY96	22SEP 1	5OCT 1	1573	0	3
F2420	F2424	45	C7	MD DRN&GRT-LT BNK-GALLERS-EL1070-GROUT	1JUN96	24JUL96	6OCT 1	28NOV 1	1573	0	3
F2420	F2828	45	C7	MD DRN&GRT-LT BNK-GALLERS-EL1070-DRAIN	1JUN96	24JUL96	6OCT 1	28NOV 1	1573	0	3
F2816	F2818	25	C7	MD DRN&GRT-LT BNK-GALLERS-EL 960-L=475FT	30APR96	29MAY96	23AUG 1	21SEP 1	1563	0	3

CPM ANALYSIS LISTING

REP01

I-NODE	J-NODE	DUR	SELECT CODES	DESCRIPTION	E.S.	E.F.	L.S.	L.F.	T.F.	F.F.	CL
~~F2818~~	~~F2820~~	~~12~~	~~C7~~	~~MD DRN&GRT-LT BNK-GALLERS-EL 960-CON SLB~~	~~30MAY96~~	~~12JUN96~~	~~22SEP 1~~	~~5OCT 1~~	~~1563~~	~~0~~	~~3~~
F2820	F2824	45	C7	MD DRN&GRT-LT BNK-GALLERS-EL 960-GROUT	13JUN96	5AUG96	6OCT 1	28NOV 1	1563	0	3
F2820	F3228	45	C7	MD DRN&GRT-LT BNK-GALLERS-EL 960-DRAIN	13JUN96	5AUG96	6OCT 1	28NOV 1	1563	0	3
~~F3208~~	~~F3212~~	~~15~~	~~C7~~	~~MD DRN&GRT-LT BNK-GALLERS-EL 900-L=225FT~~	~~30MAR96~~	~~18APR96~~	~~5OCT 1~~	~~22OCT 1~~	~~1623~~	~~0~~	~~3~~
F3212	F3220	6	C7	MD DRN&GRT-LT BNK-GALLERS-EL 900-CON SLB	19APR96	25APR96	23OCT 1	29OCT 1	1623	0	3
F3220	F3224	25	C7	MD DRN&GRT-LT BNK-GALLERS-EL 900-GROUT	26APR96	24MAY96	30OCT 1	28NOV 1	1623	0	3
~~F3220~~	~~F3628~~	~~25~~	~~C7~~	~~MD DRN&GRT-LT BNK-GALLERS-EL 900-DRAIN~~	~~26APR96~~	~~24MAY96~~	~~30OCT 1~~	~~28NOV 1~~	~~1623~~	~~0~~	~~3~~
F3604	F3612	12	C7	MD DRN&GRT-LT BNK-GALLERS-EL 820-L=175FT	2APR97	17APR97	25JUN97	10JUL97	69	0	3
F3612	F3620	5	C7	MD DRN&GRT-LT BNK-GALLERS-EL 820-CON SLB	18APR97	23APR97	11JUL97	16JUL97	69	0	3
~~F3620~~	~~F3624~~	~~20~~	~~C7~~	~~MD DRN&GRT-LT BNK-GALLERS-EL 820-GROUT~~	~~24APR97~~	~~16MAY97~~	~~5NOV 1~~	~~28NOV 1~~	~~1337~~	~~0~~	~~3~~
F3620	F4028	20	C7	MD DRN&GRT-LT BNK-GALLERS-EL 820-DRAIN	24APR97	16MAY97	5NOV 1	28NOV 1	1337	0	3
F4404	F4412	10	C7	MD DRN&GRT-RT BNK-ACC TNL-EL1240-L=135FT	21NOV96	3DEC96	7SEP 1	18SEP 1	1402	0	3
~~F4416~~	~~F4420~~	~~4~~	~~C7~~	~~MD DRN&GRT-RT BNK-ACC TNL-EL1240-CON SLB~~	~~4FEB97~~	~~7FEB97~~	~~26SEP 2~~	~~30SEP 2~~	~~1661~~	~~0~~	~~3~~
F4804	F4812	15	C7	MD DRN&GRT-RT BNK-ACC TNL-EL1070-L=170FT	9NOV96	26NOV96	27AUG 1	13SEP 1	1403	0	3
F4816	F4820	5	C7	MD DRN&GRT-RT BNK-ACC TNL-EL1070-CON SLB	16JAN97	21JAN97	25SEP 2	30SEP 2	1676	0	3
~~F5204~~	~~F5208~~	~~15~~	~~C7~~	~~MD DRN&GRT-RT BNK-ACC TNL-EL 900-L=190FT~~	~~15FEB97~~	~~5MAR97~~	~~21JUL 1~~	~~7AUG 1~~	~~1302~~	~~0~~	~~3~~
F5212	F5220	5	C7	MD DRN&GRT-RT BNK-ACC TNL-EL 900-CON SLB	27MAR97	1APR97	25SEP 2	30SEP 2	1617	0	3
F5604	F5612	30	C7	MD DRN&GRT-RT BNK-GALLERS-EL1370-L=280FT	18MAR96	23APR96	11SEP 1	15OCT 1	1613	0	3
~~F5604~~	~~F7224~~	~~467 H~~	~~C738~~	~~MW DH DRAIN&GROUT-GALLERIES -RIGHT BANK~~	~~18MAR96~~	~~27JUN97~~	~~11SEP 1~~	~~28NOV 1~~	~~1615~~	~~0~~	~~1~~
F5612	F5620	7	C7	MD DRN&GRT-RT BNK-GALLERS-EL1370-CON SLB	24APR96	1MAY96	16OCT 1	23OCT 1	1613	0	3
F5620	F5624	30	C7	MD DRN&GRT-RT BNK-GALLERS-EL1370-GROUT	2MAY96	6JUN96	24OCT 1	28NOV 1	1613	0	3
~~F5620~~	~~F6028~~	~~30~~	~~C7~~	~~MD DRN&GRT-RT BNK-GALLERS-EL1370-DRAIN~~	~~2MAY96~~	~~6JUN96~~	~~24OCT 1~~	~~28NOV 1~~	~~1613~~	~~0~~	~~3~~
F6012	F6016	35	C7	MD DRN&GRT-RT BNK-GALLERS-EL1240-L=180FT	4DEC96	28JAN97	19SEP 1	29OCT 1	1402	0	3
F6016	F6020	5	C7	MD DRN&GRT-RT BNK-GALLERS-EL1240-CON SLB	29JAN97	3FEB97	30OCT 1	3NOV 1	1402	0	3
~~F6020~~	~~F6024~~	~~20~~	~~C7~~	~~MD DRN&GRT-RT BNK-GALLERS-EL1240-GROUT~~	~~4FEB97~~	~~27FEB97~~	~~5NOV 1~~	~~28NOV 1~~	~~1402~~	~~0~~	~~3~~
F6020	F6428	20	C7	MD DRN&GRT-RT BNK-GALLERS-EL1240-DRAIN	4FEB97	27FEB97	5NOV 1	28NOV 1	1402	0	3
F6412	F6416	20	C7	MD DRN&GRT-RT BNK-GALLERS-EL1070-L=350FT	27NOV96	20DEC96	14SEP 1	6OCT 1	1403	0	3
~~F6416~~	~~F6420~~	~~9~~	~~C7~~	~~MD DRN&GRT-RT BNK-GALLERS-EL1070-CON SLB~~	~~6JAN97~~	~~15JAN97~~	~~8OCT 1~~	~~17OCT 1~~	~~1403~~	~~0~~	~~3~~
F6420	F6424	35	C7	MD DRN&GRT-RT BNK-GALLERS-EL1070-GROUT	16JAN97	26FEB97	18OCT 1	28NOV 1	1403	0	3
F6420	F6828	35	C7	MD DRN&GRT-RT BNK-GALLERS-EL1070-DRAIN	16JAN97	26FEB97	18OCT 1	28NOV 1	1403	0	3
~~F7212~~	~~F7216~~	~~25~~	~~C7~~	~~MD DRN&GRT-RT BNK-GALLERS-EL 960-L=300FT~~	~~14MAR97~~	~~14APR97~~	~~16AUG 1~~	~~14SEP 1~~	~~1302~~	~~0~~	~~3~~
F7216	F7220	13	C7	MD DRN&GRT-RT BNK-GALLERS-EL 960-CON SLB	15APR97	29APR97	15SEP 1	29SEP 1	1302	0	3
F7220	F7224	50	C7	MD DRN&GRT-RT BNK-GALLERS-EL 960-GROUT	30APR97	27JUN97	1OCT 1	28NOV 1	1302	0	3
~~F7220~~	~~F7628~~	~~50~~	~~C7~~	~~MD DRN&GRT-RT BNK-GALLERS-EL 960-DRAIN~~	~~30APR97~~	~~27JUN97~~	~~1OCT 1~~	~~28NOV 1~~	~~1302~~	~~0~~	~~3~~
F7608	F7612	7	C7	MD DRN&GRT-RT BNK-GALLERS-EL 900-L= 80FT	6MAR97	13MAR97	8AUG 1	15AUG 1	1302	0	3
F7612	F7616	6	C7	MD DRN&GRT-RT BNK-GALLERS-EL 900-L=185FT	14MAR97	20MAR97	23OCT 1	29OCT 1	1359	0	3
~~F7616~~	~~F7620~~	~~5~~	~~C7~~	~~MD DRN&GRT-RT BNK-GALLERS-EL 900-CON SLB~~	~~21MAR97~~	~~26MAR97~~	~~30OCT 1~~	~~3NOV 1~~	~~1359~~	~~0~~	~~3~~
F7620	F7624	20	C7	MD DRN&GRT-RT BNK-GALLERS-EL 900-GROUT	27MAR97	21APR97	5NOV 1	28NOV 1	1359	0	3
F7620	F8028	20	C7	MD DRN&GRT-RT BNK-GALLERS-EL 900-DRAIN	27MAR97	21APR97	5NOV 1	28NOV 1	1359	0	3
~~F8204~~	~~F8212~~	~~10~~	~~C7~~	~~MD DRN&GRT-RT BNK-GALLERS-EL 820-L=140FT~~	~~2APR97~~	~~15APR97~~	~~29JUL97~~	~~8AUG97~~	~~96~~	~~0~~	~~3~~
F8212	F8220	4	C7	MD DRN&GRT-RT BNK-GALLERS-EL 820-CON SLB	16APR97	19APR97	9AUG97	13AUG97	96	0	3
F8220	F8030	15	C7	MD DRN&GRT-RT BNK-GALLERS-EL 820-DRAIN	21APR97	7MAY97	10NOV 1	28NOV 1	1345	0	3
~~F8220~~	~~F8224~~	~~15~~	~~C7~~	~~MD DRN&GRT-RT BNK-GALLERS-EL 820-GROUT~~	~~21APR97~~	~~7MAY97~~	~~10NOV 1~~	~~28NOV 1~~	~~1345~~	~~0~~	~~3~~
G0504	G0508	40	CA	SADDLE DAM-GALLERY-HORIZ TUNNEL L=590FT	17FEB98	6APR98	22OCT 1	7DEC 1	1088	0	3
G0504	G2020	145 H	CA40	SADDLE DAM-DRAIN&GROUT-SHAFTS & GALL	16FEB98	10JUL98	22OCT 1	10MAR 2	1339	0	1
~~G0508~~	~~G0512~~	~~10~~	~~CA~~	~~SADDLE DAM-GALLERY-CONC SLAB~~	~~7APR98~~	~~17APR98~~	~~8DEC 1~~	~~19DEC 1~~	~~1088~~	~~0~~	~~3~~
G0512	G0516	55	CA	SADDLE DAM-GALLERY-GROUTING	18APR98	22JUN98	20DEC 1	9MAR 2	1088	0	3
G0512	G1016	55	CA	SADDLE DAM-GALLERY-DRAINAGE	18APR98	22JUN98	20DEC 1	9MAR 2	1088	0	3
~~G1504~~	~~G1508~~	~~45~~	~~CA~~	~~SADDLE DAM-GALLERY-INCL TUNNEL L=540FT~~	~~17FEB98~~	~~11APR98~~	~~4OCT 1~~	~~26NOV 1~~	~~1073~~	~~0~~	~~3~~
G1508	G1512	15	CA	SADDLE DAM-GALLERY-CONC SLAB	13APR98	29APR98	27NOV 1	13DEC 1	1073	0	3
G1512	G1516	60	CA	SADDLE DAM-GALLERY-GROUTING	30APR98	10JUL98	14DEC 1	9MAR 2	1073	0	3

12-OCT-82 11:39:03 SUSITNA HYDROELECTRIC PROJECT - DEVIL CANYON F570009 PAGE 6

K & H PROMINI SYSTEM TIME NOW: 1JUL95

~~SORTED BY - AC CN~~

CPM ANALYSIS LISTING

REP01

I-NODE	J-NODE	DUR	SELECT CODES	DESCRIPTION	E.S.	E.F.	L.S.	L.F.	T.F.	F.F.	CL
~~G1512~~	~~G2016~~	~~60~~	~~CA~~	~~SADDLE DAM-GALLERY-DRAINAGE~~	~~30APR98~~	~~10JUL99~~	~~14DEC 1~~	~~9MAR 2~~	~~1073~~	~~0~~	~~3~~
G2504	G2508	30	CA	SADDLE DAM-DM EL1215-1300-DRAIN LAKE	26OCT98	30NOV98	8JUL99	11AUG99	200	0	3
G2504	G2514	128	H CA42	SADDLE DAM-DRAIN AREA & EXCAV	26OCT98	2MAR99	8JUL99	27OCT99	239	0	1
~~G2508~~	~~G2512~~	~~40~~	~~CA~~	~~SADDLE DAM-DM EL1215-1300-EXC OVERBURDEN~~	~~1DEC98~~	~~30JAN99~~	~~12AUG99~~	~~28SEP99~~	~~200~~	~~0~~	~~3~~
G2512	G2514	25	CA	SADDLE DAM-DM EL1215-1300-EXC ROCK TRENC	1FEB99	2MAR99	29SEP99	27OCT99	200	0	3
G2516	G2520	40	CA	SADDLE DAM-DM EL1215-1300-CONSOL GROUT	3MAY99	18JUN99	28OCT99	14DEC99	150	0	3
~~G2516~~	~~G3028~~	~~368~~	~~H CA44~~	~~SADDLE DAM-FOUND PREP & FILL~~	~~3MAY99~~	~~4MAY 0~~	~~28OCT99~~	~~30OCT 0~~	~~179~~	~~0~~	~~1~~
G2520	G2524	40	CA	SADDLE DAM-DM EL1215-1300-FILL	19JUN99	5AUG99	15DEC99	12FEB 0	150	0	3
G3008	G3012	15	CA	SADDLE DAM-DM EL1300-1470-EXC OVRBURDEN	26OCT98	11NOV98	11OCT99	27OCT99	280	0	3
~~G3012~~	~~G3016~~	~~45~~	~~CA~~	~~SADDLE DAM-DM EL1300-1470-EXC ROCK TRENC~~	~~12NOV98~~	~~19JAN99~~	~~28OCT99~~	~~3JAN 0~~	~~280~~	~~85~~	~~3~~
G3016	G3024	35	CA	SADDLE DAM-DM EL1300-1470-CONSOL GROUT	3MAY99	12JUN99	4JAN 0	12FEB 0	195	45	3
G3024	G3028	217	CA	SADDLE DAM-DM EL1300-1470-FILL	6AUG99	4MAY 0	14FEB 0	30OCT 0	150	0	3
~~H0304~~	~~H0308~~	~~134~~	~~C9~~	~~INT&PF-INT APPR CHN&STRUC-EXC Q=300600CY~~	~~5MAY97~~	~~11OCT97~~	~~23MAR 0~~	~~30AUG 0~~	~~845~~	~~0~~	~~3~~
H0312	H0316	168	C9	INT&PF-INT APPR CHN&STRUC-CONC BLOCK A	29MAY98	14DEC98	10JAN 1	30JUL 1	766	0	3
H0312	H0320	200	H C871	INTAKE-START CONCRETE	29MAY98	14DEC98	31AUG 0	30JUL 1	959	0	1
~~H0320~~	~~H0324~~	~~25~~	~~C9~~	~~INT&PF-INT APPR CHN&STRUC-GUIDES 1~~	~~15DEC98~~	~~27JAN99~~	~~31JUL 1~~	~~28AUG 1~~	~~766~~	~~0~~	~~3~~
H0320	H1216	163	H C872	INTAKE-FINISH CONCRETE	15DEC98	26MAY99	31JUL 1	26OCT 1	884	0	1
H0320	H1220	224	H M373	INTAKE-START GUIDES GATES & HOISTS	15DEC98	26JUL99	31JUL 1	26OCT 1	823	0	1
~~H0324~~	~~H0328~~	~~25~~	~~C9~~	~~INT&PF-INT APPR CHN&STRUC-GATES 1~~	~~28JAN99~~	~~26FEB99~~	~~29AUG 1~~	~~27SEP 1~~	~~766~~	~~0~~	~~3~~
H0328	H0332	25	C9	INT&PF-INT APPR CHN&STRUC-TOWERS 1	27FEB99	27MAR99	28SEP 1	26OCT 1	766	0	3
H0332	H0336	25	C9	INT&PF-INT APPR CHN&STRUC-HOISTS 1	29MAR99	28APR99	27OCT 1	26NOV 1	766	0	3
~~H0610~~	~~H0612~~	~~24~~	~~C9~~	~~INT&PF-INT APPR CHN&STRUC-START LAG~~	~~29MAY98~~	~~25JUN98~~	~~31AUG 0~~	~~28SEP 0~~	~~667~~	~~0~~	~~3~~
H0612	H0616	268	C9	INT&PF-INT APPR CHN&STRUC-CONC BLOCK B	26JUN98	26MAY99	29SEP 0	28AUG 1	667	0	3
H0620	H0624	25	C9	INT&PF-INT APPR CHN&STRUC-GUIDES 2	27MAY99	25JUN99	29AUG 1	27SEP 1	667	0	3
~~H0628~~	~~H0632~~	~~25~~	~~C9~~	~~INT&PF-INT APPR CHN&STRUC-GATES 2~~	~~26JUN99~~	~~26JUL99~~	~~28SEP 1~~	~~26OCT 1~~	~~667~~	~~0~~	~~3~~
H0636	H0640	25	C9	INT&PF-INT APPR CHN&STRUC-TOWERS 2	27JUL99	24AUG99	27OCT 1	26NOV 1	667	0	3
H0644	H0648	25	C9	INT&PF-INT APPR CHN&STRUC-HOISTS 2	25AUG99	23SEP99	27NOV 1	9JAN 2	667	0	3
~~H0912~~	~~H0916~~	~~168~~	~~C9~~	~~INT&PF-INT APPR CHN&STRUC-CONC BLOCK C~~	~~29MAY98~~	~~14DEC98~~	~~10MAR 1~~	~~27SEP 1~~	~~816~~	~~0~~	~~3~~
H0920	H0924	25	C9	INT&PF-INT APPR CHN&STRUC-GUIDES 3	26JUN99	26JUL99	28SEP 1	26OCT 1	667	0	3
H0928	H0932	25	C9	INT&PF-INT APPR CHN&STRUC-GATES 3	27JUL99	24AUG99	27OCT 1	26NOV 1	667	0	3
~~H0936~~	~~H0940~~	~~25~~	~~C9~~	~~INT&PF-INT APPR CHN&STRUC-TOWERS 3~~	~~25AUG99~~	~~23SEP99~~	~~27NOV 1~~	~~9JAN 2~~	~~667~~	~~0~~	~~3~~
H0944	H0948	25	C9	INT&PF-INT APPR CHN&STRUC-HOISTS 3	24SEP99	22OCT99	10JAN 2	7FEB 2	667	0	3
H1210	H1212	24	C9	INT&PF-INT APPR CHN&STRUC-START LAG	29MAY98	25JUN98	30OCT 0	27NOV 0	717	0	3
~~H1212~~	~~H1216~~	~~268~~	~~C9~~	~~INT&PF-INT APPR CHN&STRUC-CONC BLOCK D~~	~~26JUN98~~	~~26MAY99~~	~~28NOV 0~~	~~26OCT 1~~	~~717~~	~~0~~	~~3~~
H1220	H1224	25	C9	INT&PF-INT APPR CHN&STRUC-GUIDES 4	27JUL99	24AUG99	27OCT 1	26NOV 1	667	0	3
H1220	H1236	117	H M374	INTAKE-FINISH GUIDES GATES & HOISTS	27JUL99	20NOV99	27OCT 1	10MAR 2	841	0	1
~~H1224~~	~~H1228~~	~~25~~	~~C9~~	~~INT&PF-INT APPR CHN&STRUC-GATES 4~~	~~25AUG99~~	~~23SEP99~~	~~27NOV 1~~	~~9JAN 2~~	~~667~~	~~0~~	~~3~~
H1228	H1232	25	C9	INT&PF-INT APPR CHN&STRUC-TOWERS 4	24SEP99	22OCT99	10JAN 2	7FEB 2	667	0	3
H1232	H1236	25	C9	INT&PF-INT APPR CHN&STRUC-HOISTS 4	23OCT99	20NOV99	8FEB 2	9MAR 2	667	0	3
~~H1504~~	~~H1508~~	~~174~~	~~C9~~	~~INT&PF-PENSTOCKS-EXCAV Q= 55100CY~~	~~17OCT97~~	~~28MAY98~~	~~15OCT99~~	~~23MAY 0~~	~~584~~	~~0~~	~~3~~
H1504	H1512	224	H C976	PENSTOCKS -EXCAVATION	17OCT97	28MAY98	15OCT99	23MAY 0	726	0	1
H1512	H1516	475	C9	INT&PF-PENSTOCKS-CONCRETE	29MAY98	13JAN 0	24MAY 0	9JAN 2	584	0	3
~~H1512~~	~~H1520~~	~~715~~	~~H C977~~	~~PENSTOCKS -LININGS~~	~~29MAY98~~	~~12MAY 0~~	~~24MAY 0~~	~~9MAY 2~~	~~727~~	~~0~~	~~1~~
H1516	H1520	100	C9	INT&PF-PENSTOCKS-LINING	14JAN 0	12MAY 0	10JAN 2	9MAY 2	584	0	3
H1816	H1820	60	C9	INT&PF-PENSTOCKS-EXC PNSTK ADIT L=1000FT	7AUG97	16OCT97	5AUG99	14OCT99	584	0	3
~~H1820~~	~~H5508~~	~~14~~	~~H C787~~	~~TRANSFORMER GALLERY -EXCAVATION~~	~~17OCT97~~	~~30OCT97~~	~~15OCT99~~	~~29JUN 1~~	~~1338~~	~~0~~	~~1~~
H2104	H2108	45	C9	INT&PF-PH ACC-PORTAL	26SEP96	16NOV96	9AUG97	1OCT97	252	0	3
H2104	H2128	344	H C978	POWERHOUSE-ACCESS TUNNELS	26SEP96	4SEP97	9AUG97	30JUL98	329	0	1
~~H2108~~	~~H2112~~	~~60~~	~~C9~~	~~INT&PF-PH ACC-TNL S/W TK-OFF L=1000FT~~	~~18NOV96~~	~~11FEB97~~	~~2OCT97~~	~~11DEC97~~	~~252~~	~~0~~	~~3~~
H2112	H2116	145	C9	INT&PF-PH ACC-TNL PNSTK ADIT L=2400FT	12FEB97	6AUG97	12DEC97	18JUN98	252	0	3
H2112	H2216	35	C9	INT&PF-PH ACC-TUNNEL UNDER S/W L= 560FT	12FEB97	25MAR97	12FEB99	25MAR99	585	0	3

CPM ANALYSIS LISTING

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I-NODE	J-NODE	DUR	SELECT CODES	DESCRIPTION	E.S.	E.F.	L.S.	L.F.	T.F.	F.F.	CL
H2116	H2120	12	C9	INT&PF-PH ACC-TUNNEL TO TRANSFORMER	7AUG97	20AUG97	19JUN98	2JUL98	252	0	3
H2116	H2120	12	C9	GALLERY TAKE-OFF L= 200FT	7AUG97	20AUG97	19JUN98	2JUL98	252	0	3
H2120	H2124	3	C9	INT&PF-PH ACC-TNL TO SC TK-OFF L= 500FT	21AUG97	23AUG97	3JUL98	7JUL98	252	0	3
H2124	H2128	9	C9	INT&PF-PH ACC-TNL TO PH VLT L= 150FT	25AUG97	4SEP97	21JUL98	30JUL98	263	0	3
H2220	H2224	15	C9	INT&PF-PH ACC-TNL TO TRANS GALL L= 250FT	21AUG97	8SEP97	20APR 1	7MAY 1	1071	0	3
H2226	H2230	15	C9	INT&PF-PH ACC-TNL TO SURGE CHAM L= 200FT	25AUG97	11SEP97	8JUL98	24JUL98	252	0	3
H2404	H2412	125	C9	INT&PF-PH VLT-EXC UPPER VAULT Q= 60000CY	5SEP97	13FEB98	31JUL98	9JAN99	263	24	3
H2404	H2416	246	H C979	POWERHOUSE-EXCAVATION -START	5SEP97	8MAY98	31JUL98	4MAR99	300	0	1
H2412	H2416	45	C9	INT&PF-PH VLT-ST EXC SUBSTRUC Q= 20000CY	16MAR98	8MAY98	11JAN99	4MAR99	239	0	3
H2416	H2420	35	C9	INT&PF-PH VLT-FN EXC SUBSTRUC Q= 15000CY	9MAY98	19JUN98	29JAN 0	10MAR 0	504	0	3
H2416	H2424	42	H C980	POWERHOUSE-EXCAVATION-FINISH	9MAY98	19JUN98	5MAR99	10MAR 0	630	0	1
H2712	H2716	108	C9	INT&PF-PH VLT-CONC SERVICE BAY	9MAY98	15SEP98	5MAR99	13JUL99	239	0	3
H2712	H3020	360	H C981	POWERHOUSE-SUBSTRUCTURE CONC -START	9MAY98	3MAY99	5MAR99	25FEB 0	298	0	1
H2716	H2720	36	C9	INT&PF-PH VLT-INSTALL PH CRANE	16SEP98	27OCT98	14JAN 0	25FEB 0	383	0	3
H3012	H3016	96	C9	INT&PF-PH VLT-START 1ST STAGE CONC UNIT1	16SEP98	21JAN99	14JUL99	3NOV99	239	0	3
H3016	H3020	84	C9	INT&PF-PH VLT-FINIS 1ST STAGE CONC UNIT1	22JAN99	3MAY99	4NOV99	25FEB 0	239	0	3
H3020	H3028	192	H C984	POWERHOUSE-2ND STAGE CONCRETE-START	4MAY99	11NOV99	26FEB 0	7SEP 0	301	0	1
H3020	H3612	14	H C982	POWERHOUSE-SUBSTRUCTURE CONC -CONTINUE	4MAY99	17MAY99	26FEB 0	10MAR 0	298	0	1
H3020	I2004	358	H M193	TURBINE EMBEDDED PARTS-START	4MAY99	25APR 0	26FEB 0	16FEB 1	297	0	1
H3024	H3028	72	C9	INT&PF-PH VLT- 2ST STAGE CONC UNIT1	19AUG99	11NOV99	14JUN 0	7SEP 0	239	0	3
H3028	I2016	273	H C985	POWERHOUSE 2ND STAGE CONC-CONT	12NOV99	10AUG 0	8SEP 0	6JUN 1	300	0	1
H3312	H3316	96	C9	INT&PF-PH VLT-START 1ST STAGE CONC UNIT2	22JAN99	17MAY99	4NOV99	10MAR 0	239	0	3
H3316	H3320	84	C9	INT&PF-PH VLT-FINIS 1ST STAGE CONC UNIT2	18MAY99	25AUG99	17AUG 0	24NOV 0	371	0	3
H3324	H3328	72	C9	INT&PF-PH VLT- 2ST STAGE CONC UNIT2	11DEC99	18MAR 0	26MAR 1	20JUN 1	371	0	3
H3612	H3616	96	C9	INT&PF-PH VLT-START 1ST STAGE CONC UNIT3	18MAY99	9SEP99	11MAR 0	5JUL 0	239	0	3
H3612	H3920	344	H C983	POWERHOUSE-SUBSTRUCTURE CONC -FINISH	18MAY99	25APR 0	11MAR 0	16FEB 1	297	0	1
H3616	H3620	84	C9	INT&PF-PH VLT-FIN 1ST STAGE CONC UNIT3	10SEP99	17DEC99	22SEP 0	12JAN 1	305	0	3
H3624	H3628	72	C9	INT&PF-PH VLT- 2ND STAGE CONC UNIT3	19APR 0	13JUL 0	2MAY 1	26JUL 1	305	0	3
H3912	H3916	96	C9	INT&PF-PH VLT-START 1ST STAGE CONC UNIT4	10SEP99	14JAN 0	6JUL 0	26OCT 0	239	0	3
H3916	H3920	84	C9	INT&PF-PH VLT-FIN 1ST STAGE CONC UNIT4	15JAN 0	25APR 0	27OCT 0	16FEB 1	239	0	3
H3924	H3928	72	C9	INT&PF-PH VLT- 2ND STAGE CONC UNIT4	11AUG 0	3NOV 0	7JUN 1	30AUG 1	239	0	3
H5504	H5508	45	C9	INT&PF-TRF GALL-EXC Q=22000CY	9SEP97	30OCT97	8MAY 1	29JUN 1	1071	0	3
H5508	H5512	84	C9	INT&PF-TRF GALL-CONC	31OCT97	23FEB98	20JUL 1	26OCT 1	1087	0	3
H5508	H6516	405	H C788	TRANSF GALL & CABLE SHAFTS -CONC	31OCT97	9DEC98	30JUN 1	9JAN 2	1127	0	1
H5512	H5518	150	EM	INT&PF-TRF GALL-INST TRF GALL EQUIP	24FEB98	21AUG98	27OCT 1	9MAY 2	1087	0	3
H6008	H6012	55	C9	INT&PF-TRF GALL-EXC BUS TUNNEL Q= 5340CY	31OCT97	19JAN98	28SEP 1	1DEC 1	1146	0	3
H6012	H6016	20	C9	INT&PF-TRF GALL-CONC BUS TUNNELS	20JAN98	11FEB98	3DEC 1	9JAN 2	1146	0	3
H6016	H6020	100	EM	INT&PF-TRF GALL-INST BUS TUNNEL EQUIP	12FEB98	12JUN98	10JAN 2	9MAY 2	1146	0	3
H6508	H6512	60	C9	INT&PF-TRF GALL-EXC CABLE SHFT Q= 3000CY	15JUN98	24AUG98	30JUN 1	10SEP 1	895	0	3
H6512	H6516	90	C9	INT&PF-TRF GALL-LINING CABLE SHAFTS	25AUG98	9DEC98	11SEP 1	9JAN 2	895	0	3
H6516	H6520	100	EM	INT&PF-TRF GALL-INST CABLE SHAFT EQUIP	10DEC98	23APR99	10JAN 2	9MAY 2	895	0	3
H7004	H7008	95	C9	INT&PF-SRG CHBR-EXC UPPER PART Q=90000CY	12SEP97	16JAN98	25JUL98	13NOV98	252	0	3
H7004	H7020	233	H C791	SURGE CHAMBER -EXCAVATION	12SEP97	2MAY98	25JUL98	12JUL 1	1167	0	1
H7012	H7016	35	C9	INT&PF-SRG CHBR-ST EXC LWR PRT Q=30000CY	2FEB98	14MAR98	14NOV98	9JAN99	239	0	3
H7016	H7020	40	C9	INT&PF-SRG CHBR-FN EXC LWR PRT Q=35000CY	16MAR98	2MAY98	25MAY 1	12JUL 1	940	0	3
H7020	H7024	90	C9	INT&PF-SRG CHBR-CONCRETE	4MAY98	18AUG98	13JUL 1	26OCT 1	940	0	3
H7020	H7028	301	H C792	SURGE CHAMBER -CONC & GATES	3MAY98	27FEB99	13JUL 1	9MAY 2	1167	0	1
H7020	H7524	215	H C790	TAILRACE TUNNEL -LINING	3MAY98	3DEC98	13JUL 1	9MAY 2	1253	0	1
H7024	H7028	150	C9	INT&PF-SRG CHBR-GATES	19AUG98	27FEB99	27OCT 1	9MAY 2	940	0	3
H7504	H7508	30	C9	INT&PF-TR TUNNL-PORTAL DEVELOPMENT	17OCT96	20NOV96	15AUG97	19SEP97	239	0	3
H7504	H7512	472	H C789	TAILRACE TUNNEL -EXCAVATION	17OCT96	31JAN98	15AUG97	13NOV98	286	0	1

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K & H PROMINI SYSTEM TIME NOW: 1JUL95
~~SORTED BY - AC CN~~

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I-NODE	J-NODE	DUR	SELECT CODES	DESCRIPTION	E.S.	E.F.	L.S.	L.F.	T.F.	F.F.	CL
~~H7508~~	~~H7512~~	~~340~~	~~C9~~	~~INT&PF-TR TUNNL-TUNNELLING L= 6800FT~~	~~21NOV96~~	~~31JAN98~~	~~20SEP97~~	~~13NOV98~~	~~239~~	~~0~~	~~3~~
H7520	H7524	180	C9	INT&PF-TR TUNNL-LINING	4MAY98	3DEC98	22SEP 1	9MAY 2	1000	0	3
I0504	I0516	90	M1	GEN EQUIP -TURB U-1 -INST EMB PARTS	4MAY99	18AUG99	26FEB 0	13JUN 0	239	0	3
~~I0516~~	~~I0528~~	~~443~~	~~H TG95~~	~~TURBINES & GENERATORS-START~~	~~19AUG99~~	~~3NOV 0~~	~~14JUN 0~~	~~30AUG 1~~	~~300~~	~~0~~	~~1~~
I0520	I0528	288	M1	GEN EQUIP -TURB U-1 -INST REM PARTS	12NOV99	3NOV 0	8SEP 0	30AUG 1	239	0	3
I0528	I2020	0	H TG96	TURBINES & GENERATORS-CONTINUE	4NOV 0	3NOV 0	31AUG 1	30AUG 1	300	0	1
~~I1004~~	~~I1016~~	~~90~~	~~M1~~	~~GEN EQUIP -TURB U-2 -INST EMB PARTS~~	~~26AUG99~~	~~10DEC99~~	~~25NOV 0~~	~~24MAR 1~~	~~371~~	~~0~~	~~3~~
I1020	I1028	288	M1	GEN EQUIP -TURB U-2 -INST REM PARTS	20MAR 0	12MAR 1	21JUN 1	14JUN 2	371	0	3
I1504	I1516	90	M1	GEN EQUIP -TURB U-3 -INST EMB PARTS	18DEC99	10APR 0	13JAN 1	1MAY 1	305	0	3
~~I1520~~	~~I1528~~	~~288~~	~~M1~~	~~GEN EQUIP -TURB U-3 -INST REM PARTS~~	~~14JUL 0~~	~~6JUL 1~~	~~27JUL 1~~	~~20JUL 2~~	~~305~~	~~0~~	~~3~~
I2004	H3924	107	H M194	TURBINE EMBEDDED PARTS FINISH	26APR 0	10AUG 0	17FEB 1	6JUN 1	300	0	1
I2004	I2016	90	M1	GEN EQUIP -TURB U-4 -INST EMB PARTS	26APR 0	10AUG 0	17FEB 1	6JUN 1	239	0	3
~~I2016~~	~~H3928~~	~~85~~	~~H C986~~	~~POWERHOUSE 2ND STAGE CONC-FIN~~	~~11AUG 0~~	~~3NOV 0~~	~~7JUN 1~~	~~30AUG 1~~	~~300~~	~~0~~	~~1~~
I2020	I2028	288	M1	GEN EQUIP -TURB U-4 -INST REM PARTS	4NOV 0	27OCT 1	31AUG 1	24AUG 2	239	0	3
I2020	I4032	358	H TG97	TURBINES & GENERATORS-FINISH	4NOV 0	27OCT 1	31AUG 1	25AUG 2	302	0	1
~~I2520~~	~~I2528~~	~~288~~	~~E1~~	~~GEN EQUIP -GENERATOR U-1 -INSTALL~~	~~12NOV99~~	~~3NOV 0~~	~~16MAY 1~~	~~9MAY 2~~	~~437~~	~~0~~	~~3~~
I2532	I2536	30	TG	GEN EQUIP -TEST & COMMISSION -U1	4NOV 0	9DEC 0	10MAY 2	14JUN 2	437	0	3
I2532	I4036	395	H TG98	TURBINES & GENERATORS-TEST&COMMISSION	4NOV 0	3DEC 1	10MAY 2	30SEP 2	301	0	1
~~I3020~~	~~I3028~~	~~288~~	~~E1~~	~~GEN EQUIP -GENERATOR U-2 -INSTALL~~	~~20MAR 0~~	~~12MAR 1~~	~~21JUN 1~~	~~14JUN 2~~	~~371~~	~~0~~	~~3~~
I3032	I3036	30	TG	GEN EQUIP -TEST & COMMISSION -U2	13MAR 1	18APR 1	15JUN 2	20JUL 2	371	0	3
I3520	I3528	288	E1	GEN EQUIP -GENERATOR U-3 -INSTALL	14JUL 0	6JUL 1	27JUL 1	20JUL 2	305	0	3
~~I3532~~	~~I3536~~	~~30~~	~~TG~~	~~GEN EQUIP -TEST & COMMISSION -U3~~	~~7JUL 1~~	~~10AUG 1~~	~~22JUL 2~~	~~24AUG 2~~	~~305~~	~~0~~	~~3~~
I4020	I4028	288	E1	GEN EQUIP -GENERATOR U-4 -INSTALL	4NOV 0	27OCT 1	31AUG 1	24AUG 2	239	0	3
I4032	I4036	30	TG	GEN EQUIP -TEST & COMMISSION -U4	29OCT 1	3DEC 1	26AUG 2	30SEP 2	239	0	3
~~J0404~~	~~J0408~~	~~20~~	~~C8~~	~~CHUTE S/W HDWK-APP CHN-ST EXC Q= 73100CY~~	~~12AUG96~~	~~4SEP96~~	~~8SEP99~~	~~30SEP99~~	~~900~~	~~0~~	~~3~~
J0408	J0412	15	C8	CHUTE S/W HDWK-APP CHN-CN EXC Q= 29100CY	5SEP96	21SEP96	1OCT99	18OCT99	900	0	3
J0412	J0416	20	C8	CHUTE S/W HDWK-APP CHN-FN EXC Q= 38800CY	23SEP96	15OCT96	7SEP 2	30SEP 2	1746	1746	3
~~J0804~~	~~J0808~~	~~25~~	~~C8~~	~~CHUTE S/W HDWK-STRUCT -ST EXC Q= 62700CY~~	~~12AUG96~~	~~10SEP96~~	~~17MAY99~~	~~15JUN99~~	~~805~~	~~0~~	~~3~~
J0808	J0812	20	C8	CHUTE S/W HDWK-STRUCT -CN EXC Q= 30600CY	11SEP96	3OCT96	25SEP99	18OCT99	890	270	3
J0808	J5008	253	H C857	CHUTE SPILLWAY-CHUTE&FLIP-EXC -START	11SEP96	21MAY97	16JUN99	2JUL99	772	0	1
~~J0812~~	~~J0816~~	~~15~~	~~C8~~	~~CHUTE S/W HDWK-STRUCT -CN EXC Q= 20400CY~~	~~9SEP97~~	~~25SEP97~~	~~19OCT99~~	~~4NOV99~~	~~620~~	~~0~~	~~3~~
J0816	J0820	10	C8	CHUTE S/W HDWK-STRUCT -FN EXC Q= 10200CY	26SEP97	7OCT97	5NOV99	16NOV99	620	0	3
J0820	J0824	20	C8	CHUTE S/W HDWK-STRUCT-DRAIN TUNN L=140FT	8OCT97	30OCT97	17NOV99	10DEC99	620	0	3
~~J0824~~	~~J1208~~	~~167~~	~~H C851~~	~~CHUTE SPILLWAY-HEADWORKS-CONCRETE-START~~	~~31OCT97~~	~~15APR98~~	~~11DEC99~~	~~6JUN 0~~	~~783~~	~~0~~	~~1~~
J1204	J1208	126	C8	CHUTE S/W HDWK-BLK A -CONC Q= 29600CY	31OCT97	15APR98	7JAN 0	6JUN 0	631	0	3
J1208	J1612	43	H C852	CHUTE SPILLWAY-HEADWORKS-CONCRETF-FINISH	16APR98	28MAY98	7JUN 0	6JUL 0	770	0	1
~~J1212~~	~~J1216~~	~~25~~	~~C8~~	~~CHUTE S/W HDWK-BLK A -GUIDES 1~~	~~16APR98~~	~~14MAY98~~	~~7JUN 0~~	~~6JUL 0~~	~~631~~	~~0~~	~~3~~
J1212	J1616	43	H M554	CHT S/W-GUIDES,GATES,TOWER & HSTS-START	16APR98	28MAY98	7JUN 0	6JUL 0	770	0	1
J1216	J1220	25	C8	CHUTE S/W HDWK-BLK A -GATE 1	15MAY98	13JUN98	7JUL 0	4AUG 0	631	0	3
~~J1220~~	~~J1224~~	~~25~~	~~C8~~	~~CHUTE S/W HDWK-BLK A -TOWERS 1~~	~~15JUN98~~	~~14JUL98~~	~~5AUG 0~~	~~2SEP 0~~	~~631~~	~~0~~	~~3~~
J1224	J1228	25	C8	CHUTE S/W HDWK-BLK A -HOISTS 1	15JUL98	12AUG98	5SEP 0	3OCT 0	631	0	3
J1604	J1608	36	C8	CHUTE S/W HDWK-BLK B -START LAG	31OCT97	12DEC97	11DEC99	4FEB 0	620	0	3
~~J1608~~	~~J1612~~	~~126~~	~~C8~~	~~CHUTE S/W HDWK-BLK B -CONC Q= 29600CY~~	~~13DEC97~~	~~28MAY98~~	~~5FEB 0~~	~~6JUL 0~~	~~620~~	~~0~~	~~3~~
J1616	J1620	25	C8	CHUTE S/W HDWK-BLK B -GUIDES 2	29MAY98	26JUN98	7JUL 0	4AUG 0	620	0	3
J1616	J2036	148	H M555	CHT S/W-GUIDES,GATES,TOWER & HSTS-FINISH	29MAY98	23OCT98	7JUL 0	1DEC 0	770	0	1
~~J1624~~	~~J1628~~	~~25~~	~~C8~~	~~CHUTE S/W HDWK-BLK B -GATE 2~~	~~27JUN98~~	~~27JUL98~~	~~5AUG 0~~	~~2SEP 0~~	~~620~~	~~0~~	~~3~~
J1632	J1636	25	C8	CHUTE S/W HDWK-BLK B -TOWERS 2	28JUL98	25AUG98	5SEP 0	3OCT 0	620	0	3
J1640	J1644	25	C8	CHUTE S/W HDWK-BLK B -HOISTS 2	26AUG98	24SEP98	4OCT 0	1NOV 0	620	0	3
~~J2004~~	~~J2008~~	~~126~~	~~C8~~	~~CHUTE S/W HDWK-BLK C -CONC Q= 29600CY~~	~~31OCT97~~	~~15APR98~~	~~7MAR 0~~	~~4AUG 0~~	~~681~~	~~0~~	~~3~~
J2020	J2024	25	C8	CHUTE S/W HDWK-BLK C -GUIDES 3	27JUN98	27JUL98	5AUG 0	2SEP 0	620	0	3
J2024	J2028	25	C8	CHUTE S/W HDWK-BLK C -GATE 3	28JUL98	25AUG98	5SEP 0	3OCT 0	620	0	3

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I-NODE	J-NODE	DUR	SELECT CODES	------D E S C R I P T I O N ------------	E.S.	E.F.	L.S.	L.F.	T.F.	F.F.	CL
J2028	J2032	25	C8	CHUTE S/W HDWK-BLK C -TOWERS 3	26AUG98	24SEP98	4OCT 0	1NOV 0	620	0	3
J2032	J2036	25	C8	CHUTE S/W HDWK-BLK C -HOISTS 3	25SEP98	23OCT98	2NOV 0	1DEC 0	620	0	3
J3204	J3208	170	C8	CHUTE S/W CHT DRN TNL-INCL UND CHT L=695	26JAN98	17AUG98	26MAR99	15OCT99	343	0	3
J3204	J3408	45	C8	CHUTE S/W CHT DRN TNL-HORZ UND FLP L=250	26JAN98	19MAR98	13APR 0	5JUN 0	651	0	3
J3208	J3212	14	C8	CHUTE S/W CHT DRN TNL-HORZ UND CHT L= 80	18AUG98	2SEP98	16OCT99	1NOV99	343	0	3
J5004	J5008	15	C8	CHUTE S/W-CHUTE-SECT 20 -EXC Q= 31480CY	5MAY97	21MAY97	16JUN99	2JUL99	620	0	3
J5008	J9208	482	H C858	CHUTE SPILLWAY-CHUTE&FLIP-EXC -FINISH	22MAY97	15SEP98	3JUL99	18AUG 0	703	0	1
J5009	J5012	10	C8	CHUTE S/W-CHUTE-SECT 20 -ANCHORS & DRAIN	3SEP98	15SEP98	2NOV99	12NOV99	343	0	3
J5012	J5016	78	C8	CHUTE S/W-CHUTE-SECT 20 -CONC Q= 1890CY	16SEP98	16DEC98	31AUG 0	1DEC 0	575	0	3
J5012	J9208	0	H C859	CHUTE SPILLWAY-CHUTE&FLIP-CONC -START	16SEP98	15SEP98	13NOV99	18AUG 0	703	0	1
J5204	J5208	15	C8	CHUTE S/W-CHUTE-SECT 19 -EXC Q= 31480CY	22MAY97	9JUN97	3JUL99	21JUL99	620	0	3
J5209	J5210	10	C8	CHUTE S/W-CHUTE-SECT 19 -ANCHORS & DRAIN	16SEP98	26SEP98	13NOV99	24NOV99	343	0	3
J5212	J5216	24	C8	CHUTE S/W-CHUTE-SECT 19 -START LAG	9OCT98	5NOV98	4APR 0	3MAY 0	431	0	3
J5216	J5220	178	C8	CHUTE S/W-CHUTF-SECT 19 -CONC Q= 1890CY	6NOV98	22JUN99	4MAY 0	1DEC 0	431	0	3
J5404	J5408	15	C8	CHUTE S/W-CHUTE-SECT 18 -EXC Q= 31480CY	10JUN97	26JUN97	22JUL99	7AUG99	620	0	3
J5409	J5412	10	C8	CHUTE S/W-CHUTE-SECT 18 -ANCHORS & DRAIN	28SEP98	8OCT98	26NOV99	7DEC99	343	0	3
J5412	J5416	178	C8	CHUTE S/W-CHUTE-SECT 18 -CONC Q= 1890CY	9OCT98	24MAY99	4MAY 0	1DEC 0	455	0	3
J5604	J5608	15	C8	CHUTE S/W-CHUTE-SECT 17 -EXC Q= 31480CY	27JUN97	16JUL97	9AUG99	25AUG99	620	0	3
J5609	J5610	10	C8	CHUTE S/W-CHUTE-SECT 17 -ANCHORS & DRAIN	9OCT98	20OCT98	8DEC99	18DEC99	343	0	3
J5612	J5616	24	C8	CHUTE S/W-CHUTE-SECT 17 -START LAG	2NOV98	30NOV98	4APR 0	3MAY 0	411	0	3
J5616	J5620	178	C8	CHUTE S/W-CHUTE-SECT 17 -CONC Q= 1890CY	1DEC98	16JUL99	4MAY 0	1DEC 0	411	0	3
J5804	J5808	15	C8	CHUTE S/W-CHUTE-SECT 16 -EXC Q= 31480CY	17JUL97	2AUG97	26AUG99	13SEP99	620	0	3
J5809	J5812	10	C8	CHUTE S/W-CHUTE-SECT 16 -ANCHORS & DRAIN	21OCT98	31OCT98	3JAN 0	13JAN 0	343	0	3
J5812	J5816	178	C8	CHUTE S/W-CHUTE-SECT 16 -CONC Q= 1890CY	2NOV98	17JUN99	4MAY 0	1DEC 0	435	0	3
J6004	J6008	15	C8	CHUTE S/W-CHUTE-SECT 15 -EXC Q= 31480CY	4AUG97	20AUG97	14SEP99	30SEP99	620	0	3
J6009	J6010	10	C8	CHUTE S/W-CHUTE-SECT 15 -ANCHORS & DRAIN	2NOV98	12NOV98	14JAN 0	25JAN 0	343	0	3
J6012	J6016	24	C8	CHUTE S/W-CHUTE-SECT 15 -START LAG	24MAY99	21JUN99	3AUG 0	30AUG 0	354	0	3
J6016	J6020	78	C8	CHUTE S/W-CHUTE-SECT 15 -CONC Q= 1890CY	22JUN99	22SEP99	31AUG 0	1DEC 0	354	0	3
J6204	J6208	15	C8	CHUTE S/W-CHUTE-SECT 14 -EXC Q= 31480CY	21AUG97	8SEP97	1OCT99	18OCT99	620	0	3
J6209	J6210	10	C8	CHUTE S/W-CHUTE-SECT 14 -ANCHORS & DRAIN	13NOV98	24NOV98	26JAN 0	5FEB 0	343	0	3
J6212	J6216	24	C8	CHUTE S/W-CHUTE-SECT 14 -START LAG	26APR99	22MAY99	9MAY 0	6JUN 0	306	0	3
J6216	J6220	78	C8	CHUTE S/W-CHUTE-SECT 14 -CONC Q= 1890CY	24MAY99	24AUG99	31AUG 0	1DEC 0	378	0	3
J6404	J6408	15	C8	CHUTE S/W-CHUTE-SECT 13 -EXC Q= 31480CY	9SEP97	25SEP97	6NOV99	23NOV99	636	0	3
J6409	J6410	10	C8	CHUTE S/W-CHUTE-SECT 13 -ANCHORS & DRAIN	25NOV98	7DEC98	7FEB 0	17FEB 0	343	0	3
J6412	J6416	24	C8	CHUTE S/W-CHUTF-SECT 13 -START LAG	24MAY99	21JUN99	3AUG 0	30AUG 0	354	0	3
J6416	J6420	78	C8	CHUTE S/W-CHUTE-SECT 13 -CONC Q= 1890CY	22JUN99	22SEP99	31AUG 0	1DEC 0	354	0	3
J6604	J6608	15	C8	CHUTE S/W-CHUTE-SECT 12 -EXC Q= 31480CY	26SEP97	13OCT97	24NOV99	11DEC99	636	0	3
J6609	J6610	10	C8	CHUTE S/W-CHUTE-SECT 12 -ANCHORS & DRAIN	8DEC98	18DEC98	18FEB 0	1MAR 0	343	0	3
J6612	J6616	78	C8	CHUTE S/W-CHUTE-SECT 12 -CONC Q= 1890CY	24MAY99	24AUG99	31AUG 0	1DEC 0	378	0	3
J6804	J6808	15	C8	CHUTE S/W-CHUTE-SECT 11 -EXC Q= 31480CY	14OCT97	30OCT97	13DEC99	12JAN 0	636	0	3
J6809	J6810	10	C8	CHUTE S/W-CHUTE-SECT 11 -ANCHORS & DRAIN	4JAN99	14JAN99	2MAR 0	13MAR 0	343	0	3
J6812	J6816	24	C8	CHUTE S/W-CHUTE-SECT 11 -START LAG	24MAY99	21JUN99	3AUG 0	30AUG 0	354	0	3
J6816	J6820	78	C8	CHUTE S/W-CHUTE-SECT 11 -CONC Q= 1890CY	22JUN99	22SEP99	31AUG 0	1DEC 0	354	0	3
J7204	J7208	15	C8	CHUTE S/W-CHUTE-SECT 10 -EXC Q= 31480CY	31OCT97	17NOV97	13JAN 0	29JAN 0	636	0	3
J7209	J7210	10	C8	CHUTE S/W-CHUTE-SECT 10 -ANCHORS & DRAIN	15JAN99	26JAN99	14MAR 0	24MAR 0	343	0	3
J7212	J7216	78	C8	CHUTE S/W-CHUTE-SECT 10 -CONC Q= 1890CY	24MAY99	24AUG99	31AUG 0	1DEC 0	378	0	3
J7404	J7408	15	C8	CHUTE S/W-CHUTE-SECT 9 -EXC Q= 31480CY	18NOV97	5DEC97	31JAN 0	16FEB 0	636	0	3
J7409	J7410	10	C8	CHUTE S/W-CHUTE-SECT 9 -ANCHORS & DRAIN	27JAN99	6FEB99	25MAR 0	5APR 0	343	0	3
J7412	J7416	24	C8	CHUTE S/W-CHUTE-SECT 9 -START LAG	22JUN99	20JUL99	3AUG 0	30AUG 0	330	0	3
J7416	J7420	78	C8	CHUTE S/W-CHUTE-SECT 9 -CONC Q= 1890CY	21JUL99	20OCT99	31AUG 0	1DEC 0	330	0	3
J7604	J7608	15	C8	CHUTE S/W-CHUTE-SECT 8 -EXC Q= 31480CY	6DEC97	7JAN98	17FEB 0	6MAR 0	636	0	3

CPM ANALYSIS LISTING

REP01

I-NODE	J-NODE	DUR	SELECT CODES	DESCRIPTION	E.S.	E.F.	L.S.	L.F.	T.F.	F.F.	CL
J7609	J7610	10	C8	CHUTE S/W-CHUTE SECT 8 -ANCHORS & DRAIN	8FEB99	19FEB99	6APR 0	19APR 0	343	0	3
J7612	J7616	24	C8	CHUTE S/W-CHUTE SECT 8 -START LAG	24MAY99	21JUN99	6JUL 0	2AUG 0	330	0	3
J7616	J7620	78	C8	CHUTE S/W-CHUTE SECT 8 -CONC Q= 1890CY	22JUN99	22SEP99	31AUG 0	1DEC 0	354	0	3
J7804	J7808	15	C8	CHUTE S/W-CHUTE SECT 7 -EXC Q= 31480CY	8JAN98	24JAN98	7MAR 0	23MAR 0	636	0	3
J7809	J7810	10	C8	CHUTE S/W-CHUTE SECT 7 -ANCHORS & DRAIN	20FEB99	3MAR99	20APR 0	1MAY 0	343	0	3
J7812	J7816	24	C8	CHUTE S/W-CHUTE SECT 7 -START LAG	22JUN99	20JUL99	3AUG 0	30AUG 0	330	0	3
J7816	J7820	78	C8	CHUTE S/W-CHUTE SECT 7 -CONC Q= 1890CY	21JUL99	20OCT99	31AUG 0	1DEC 0	330	0	3
J8004	J8008	15	C8	CHUTE S/W-CHUTE SECT 6 -EXC Q= 31480CY	26JAN98	11FEB98	24MAR 0	12APR 0	636	0	3
J8009	J8010	10	C8	CHUTE S/W-CHUTE SECT 6 -ANCHORS & DRAIN	4MAR99	15MAR99	2MAY 0	12MAY 0	343	0	3
J8012	J8016	24	C8	CHUTE S/W-CHUTE SECT 6 -START LAG	24MAY99	21JUN99	6JUL 0	2AUG 0	330	0	3
J8016	J8020	78	C8	CHUTE S/W-CHUTE SECT 6 -CONC Q= 1890CY	22JUN99	22SEP99	31AUG 0	1DEC 0	354	0	3
J8204	J8208	15	C8	CHUTE S/W-CHUTE SECT 5 -EXC Q= 31480CY	12FEB98	2MAR98	13APR 0	29APR 0	636	0	3
J8209	J8210	10	C8	CHUTE S/W-CHUTE SECT 5 -ANCHORS & DRAIN	16MAR99	26MAR99	13MAY 0	24MAY 0	343	0	3
J8212	J8216	24	C8	CHUTE S/W-CHUTE SECT 5 -START LAG	22JUN99	20JUL99	3AUG 0	30AUG 0	330	0	3
J8216	J8220	78	C8	CHUTE S/W-CHUTE SECT 5 -CONC Q= 1890CY	21JUL99	20OCT99	31AUG 0	1DEC 0	330	0	3
J8404	J8408	15	C8	CHUTE S/W-CHUTE SECT 4 -EXC Q= 31480CY	3MAR98	19MAR98	1MAY 0	17MAY 0	636	0	3
J8409	J8410	10	C8	CHUTE S/W-CHUTE SECT 4 -ANCHORS & DRAIN	27MAR99	9APR99	23MAY 0	6JUN 0	343	0	3
J8412	J8416	24	C8	CHUTE S/W-CHUTE SECT 4 -START LAG	24MAY99	21JUN99	7JUN 0	5JUL 0	306	0	3
J8416	J8420	78	C8	CHUTE S/W-CHUTE SECT 4 -CONC Q= 1890CY	22JUN99	22SEP99	31AUG 0	1DEC 0	354	0	3
J8604	J8608	15	C8	CHUTE S/W-CHUTE SECT 3 -EXC Q= 31480CY	20MAR98	8APR98	18MAY 0	5JUN 0	636	0	3
J8609	J8610	10	C8	CHUTE S/W-CHUTE SECT 3 -ANCHORS & DRAIN	10APR99	21APR99	12JUN 0	22JUN 0	347	0	3
J8612	J8616	24	C8	CHUTE S/W-CHUTE SECT 3 -START LAG	21JUL99	17AUG99	3AUG 0	30AUG 0	306	0	3
J8616	J8620	78	C8	CHUTE S/W-CHUTE SECT 3 -CONC Q= 1890CY	18AUG99	17NOV99	31AUG 0	1DEC 0	306	0	3
J8804	J8808	15	C8	CHUTE S/W-CHUTE SECT 2 -EXC Q= 31480CY	9APR98	25APR98	6JUN 0	22JUN 0	636	0	3
J8809	J8810	10	C8	CHUTE S/W-CHUTE SECT 2 -ANCHORS & DRAIN	22APR99	3MAY99	23JUN 0	5JUL 0	347	0	3
J8812	J8816	24	C8	CHUTE S/W-CHUTE SECT 2 -START LAG	22JUN99	20JUL99	6JUL 0	2AUG 0	306	0	3
J8816	J8820	78	C8	CHUTE S/W-CHUTE SECT 2 -CONC Q= 1890CY	21JUL99	20OCT99	31AUG 0	1DEC 0	330.	0	3
J9004	J9008	15	C8	CHUTE S/W-CHUTE SECT 1 -EXC Q= 31480CY	27APR98	13MAY98	5JUL 0	21JUL 0	645	0	3
J9009	J9010	10	C8	CHUTE S/W-CHUTE SECT 1 -ANCHORS & DRAIN	4MAY99	14MAY99	22JUL 0	2AUG 0	361	0	3
J9012	J9016	24	C8	CHUTE S/W-CHUTE SECT 1 -START LAG	21JUL99	17AUG99	3AUG 0	30AUG 0	306	0	3
J9016	J9020	78	C8	CHUTE S/W-CHUTE SECT 1 -CONC Q= 1890CY	18AUG99	17NOV99	31AUG 0	1DEC 0	306	0	3
J9204	J9208	15	C8	CHUTE S/W-CHUTE FLIP -EXC Q= 31480CY	14MAY98	1JUN98	2AUG 0	18AUG 0	654	89	3
J9208	J9216	428 H	C860	CHUTE SPILLWAY-GATE&FLIP-CONC -FINISH	16SEP98	17NOV99	19AUG 0	1DEC 0	380	0	1
J9209	J9210	10	C8	CHUTE S/W-CHUTE FLIP -ANCHORS & DRAIN	15MAY99	26MAY99	19AUG 0	30AUG 0	375	0	3
J9212	J9216	78	C8	CHUTE S/W-CHUTE FLIP -CONC Q= 2000CY	18AUG99	17NOV99	31AUG 0	1DEC 0	306	0	3
K0504	K0508	5	CA	EMERG S/W -EXC OVERBURDEN Q= 40000CY	3MAY99	7MAY99	28AUG99	2SEP99	99	0	3
K0504	K1014	195 H	CA62	EMERGENCY SPIL[illegible] -EXC -START	3MAY99	13NOV99	28AUG99	24MAR 0	132	0	1
K0508	K0512	15	CA	EMERG S/W -EXC OVERBURDEN Q=100000CY	8MAY99	25MAY99	3SEP99	21SEP99	99	0	3
K0512	K0516	20	CA	EMERG S/W -EXC OVERBURDEN Q=141500CY	26MAY99	18JUN99	2MAY 0	24MAY 0	274	0	3
K1008	K1012	15	CA	EMERG S/W -EXC -ROCK Q= 58500CY	8MAY99	25MAY99	3SEP99	21SEP99	99	0	3
K1012	K1014	145	CA	EMERG S/W -EXC -ROCK Q=561500CY	26MAY99	13NOV99	22SEP99	24MAR 0	99	0	3
K1014	K1020	207 H	CA64	EMERGENCY SPIL[illegible] -EXC -FINISH	14NOV99	7JUN 0	25MAR 0	1DEC 0	177	0	1
K1014	K2032	243 H	CA66	EMERGENCY SPIL[illegible] -GROUND SLAB & BRIDGE	14NOV99	13JUL 0	25MAR 0	7NOV 0	117	0	1
K1016	K1020	160	CA	EMERG S/W -EXC -ROCK Q=614500CY	15NOV99	7JUN 0	25MAY 0	1DEC 0	149	0	3
K1516	K1520	20	CA	EMERG S/W -GRND SLAB -CONSOL GROUT	15NOV99	8DEC99	25MAR 0	19APR 0	99	0	3
K1520	K1524	10	CA	EMERG S/W -GRND SLAB -CONSOL GROUT	9DEC99	3JAN 0	7JUL 0	18JUL 0	164	0	3
K2020	K2024	75	CA	EMERG S/W -GRND SLAB -CONC SLABS	9DEC99	20MAR 0	20APR 0	18JUL 0	99	0	3
K2024	K2028	75	CA	EMERG S/W -GRND SLAB -CONC SLABS	21MAR 0	19JUN 0	19JUL 0	14OCT 0	99	0	3
K2028	K2032	20	CA	EMERG S/W -GRND SLAB -ROCK ANCHORS	20JUN 0	13JUL 0	16OCT 0	7NOV 0	99	0	3
K2516	K2520	150	CA	EMERG S/W -BRIDGE-ERECT	15NOV99	25MAY 0	7JUN 0	1DEC 0	159	0	3
K3032	K3036	20	CA	EMERG S/W -FUSE PLUG-FILL Q=26000CY	14JUL 0	5AUG 0	8NOV 0	1DEC 0	99	0	3

CPM ANALYSIS LISTING

REP01

I-NODE	J-NODE	DUR	SELECT CODES	------D E S C R I P T I O N ------------	E.S.	E.F.	L.S.	L.F.	T.F.	F.F.	CL
M1004	M1008	225	MJ	SERV S/W VALVES-INSTALL IN DAM	26APR99	31JAN 0	5MAR 1	28NOV 1	546	0	3
M1020	M1024	50	MJ	SERV S/W VALVES-CLOSE & IMPOUND RESERV.	5MAY 0	3JUL 0	11MAR 2	9MAY 2	541	0	3

DEVCAN. MFL; 50

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SUSITNA HYDROELECTRIC PROJECT - DEVIL CANYON      F570009                                                  PAGE      1
                                              C P M   SCHEDULE                                   TIME NOW   1JUL95
SFB102A     BI-WEEKLY BARCHART PART A         ----------------
RUNDATE:    12-OCT-82 11:42:39    SORTED BY: AC CN
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                                          DUR     SCHED       95
     D E S C R I P T I O N                WEEKS   START    JUL              AUG            SEP            OCT             NOV
                                                           000001111122222300001111122222300000111112222200000111112222230000111112
                                                           135791357913579124680246802468013579135791357913579135791357912468024680

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CONSTR RDS RT BNK-SEGM 20-19; L=1800FT      48   1JUL95    XXXXXXXXXXXXXXXXXXXXXXXXXXXX
ACCESS TO SPILLWAY APPROACH                208   1JUL95    XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
ACCESS TO RIGHT ARCH ABUT EXC              172   1JUL95    XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS RT BNK-SEGM 19-18; L=2600FT     144  28AUG95    .                            XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS RT BNK-SEGM 19-21; L=1400FT      36  28AUG95    .                            XXXXXXXXXXXXXXXXXXXXX
CONSTR RDS RT BNK-SEGM 21-22A;L=1050FT      60  10OCT95    .                                                 XXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS RT BNK-SEGM 21-26; L= 750FT      42  10OCT95    .                                                 XXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS RT BNK-SEGM 22A-22;L= 150FT       6  20DEC95    .
CONSTR RDS RT BNK-SEGM 22A-23;L= 300FT      12  20DEC95    .
CONSTR RDS RT BNK-SEGM 23-25; L= 200FT       6  18JAN96    .
CONSTR RDS RT BNK-SEGM 23-24; L= 200FT       6  18JAN96    .
CONSTR RDS RT BNK-SEGM 26-27; L= 800FT      18  29NOV95    .
CONSTR RDS RT BNK-SEGM 26-28; L= 850FT      36  29NOV95    .
CONSTR RDS RT BNK-SEGM  1- 2; L=6000FT      60   1JUL95    XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
ACCESS TO T/R TUNNEL PORTAL                474   1JUL95    XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
ACCESS TO P/H ENTRY PORTAL                 453   1JUL95    XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
ACCESS TO RT THRUST BLK & SPW HDWKS          87   1JUL95    XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
ACCESS TO TOP OF INTAKE HDWKS               94   1JUL95    XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS RT BNK-SEGM  2- 9; L=1000FT      12  12SEP95    .                                   XXXXXXXX
CONSTR RDS RT BNK-SEGM  2- 3; L= 900FT      12  12SEP95    .                                   XXXXXXXX
CONSTR RDS RT BNK-SEGM  2-18; L=2200FT      30  12SEP95    .                                   XXXXXXXXXXXXXXXXXX
CONSTR RDS RT BNK-SEGM  9-10; L=2865FT     120  26SEP95    .                                          XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS RT BNK-SEGM  9-17; L=1700FT      54  26SEP95    .                                          XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS RT BNK-SEGM 10-13; L=4790FT     192   1MAR96    .
CONSTR RDS RT BNK-SEGM 10-11; L=3400FT     162   1MAR96    .
CONSTR RDS RT BNK-SEGM 11-12; L= 250FT      12  12SEP96    .
CONSTR RDS RT BNK-SEGM 11-14; L=1200FT      66  12SEP96    .
CONSTR RDS RT BNK-SEGM 11-15; L=1400FT      90  12SEP96    .
CONSTR RDS RT BNK-SEGM 11-47; L= 900FT      50  12SEP96    .
CONSTR RDS RT BNK-SEGM 11-48; L=1000FT      60  12SEP96    .
CONSTR RDS RT BNK-SEGM 15-16; L= 850FT      48  11JAN97    .
CONSTR RDS RT BNK-SEGM 15-15A;L= 500FT      30  11JAN97    .
CONSTR RDS RT BNK-SEGM  3- 4; L= 500FT       6  26SEP95    .                                          XXXX
MAIN DAM-RIGHT THRUST BLOCK -EXCAVATION    126  26SEP95    .                                          XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
CHUTE SPILLWAY-HEADWORKS-EXCAVATION        743  26SEP95    .                                          XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
INTAKE-EXCAVATION                          726  17OCT95    .                                                     XXXXXXXXXXXXXXXXXX
CONSTR RDS LT BNK-SEGM 29-30; L= 400FT      12   1JUL95    XXXXXXXX
ACCESS TO U/S DIVERSION PORTAL              50   1JUL95    XXXXXXXXXXXXXXXXXXXXXXXX
ACCESS TO LEFT ARCH ABUTMENT EXCAVATION     94   1JUL95    XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
PREL ACCESS TO D/S DIV PORTAL & D/S C/D    215   1JUL95    XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
ACCESS TO U/S COFFERDAM                     64   1JUL95    XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS LT BNK-SEGM 30-42; L= 500FT      30  17JUL95    .       XXXXXXXXXXXXXXXX
CONSTR RDS LT BNK-SEGM 30-31; L= 600FT      36  17JUL95    .       XXXXXXXXXXXXXXXXXXXX
CONSTR RDS LT BNK-SEGM 31-33; L= 500FT      30  28AUG95    .                            XXXXXXXXXXXXXXXXX
CONSTR RDS LT BNK-SEGM 31-32; L= 100FT       6  28AUG95    .                            XXX
CONSTR RDS LT BNK-SEGM 33-44; L=1550FT      90   3OCT95    .                                              XXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS LT BNK-SEGM 44-46; L= 900FT      50   1FEB96    .
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SUSITNA HYDROELECTRIC PROJECT - DEVIL CANYON       P570009                                                      PAGE     2
                                               C P M   SCHEDULE                                       TIME NOW  1JUL95
BFB102A    BI-WEEKLY BARCHART PART A           -----------------
RUNDATE:    12-OCT-82 11:42:39    SORTED BY: AC CN
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                                                 DUR     SCHED     95
    D E S C R I P T I O N                       WEEKS    START     JUL             AUG            SEP             OCT            NOV
                                                                   000001111122222300001111122222300000111112222200000111112222230000111112
                                                                   135791357913579124680246802468013579135791357913579135791357912468024680

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CONSTR RDS LT BNK-SEGM 44-45; L=1000FT            60    1FEB96     .
CONSTR RDS LT BNK-SEGM 34-35; L=2000FT            18    1JUL95     XXXXXXXXXXX
ACCESS TO RIGHT SIDE OF SADDLE DAM                29    1JUL95     XXXXXXXXXXXXXXX
ACCESS TO LEFT THRUST BLOCK                       50    1JUL95     XXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS LT BNK-SEGM 35-36; L= 480FT             6   24JUL95     .          XXXX
CONSTR RDS LT BNK-SEGM 35-37; L= 400FT            24   24JUL95     .          XXXXXXXXXXXXXX
MAIN DAM-LEFT THRUST BLOCK -EXCAVATION            11   20AUG95     .                        XXXXXX
CONSTR RDS LT BNK-SEGM  8- 7; L=4660FT            48    1JUL95     XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
ACCESS TO U/S END OF EMERGENCY SPILLWAY          122    1JUL95     XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
ACCESS TO LEFT SIDE OF SADDLE DAM                122    1JUL95     XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
PERM ACCESS TO D/S DIVERSION PORTAL              481    1JUL95     XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS LT BNK-SEGM  7- 5; L=1280FT            30   28AUG95     .                            XXXXXXXXXXXXXXXXXX
CONSTR RDS LT BNK-SEGM  7-41; L=9235FT           342   28AUG95     .                            XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS LT BNK-SEGM  6-38; L= 970FT            12    3OCT95     .                                              XXXXXXX
CONSTR RDS LT BNK-SEGM 38-43; L= 500FT             6   17OCT95     .                                                     XXXX
CONSTR RDS LT BNK-SEGM 38-35; L=2200FT            36   17OCT95     .                                                     XXXXXXXXXXXXXXXXXX
CONSTR RDS LT BNK-SEGM 43-39; L= 300FT             6   24OCT95     .                                                        XXXX
CONSTR RDS LT BNK-SEGM 43-40; L= 500FT             6   24OCT95     .                                                        XXXX
DIVERSN ABV GRND U/S PORT-EXCAVATION              40   21AUG95     .                        XXXXXXXXXXXXXXXXXXXXXXXX
DIVERSION WORKS COMPLETE                         360   20AUG95     .                        XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
DIVERSN ABV GRND U/S PORT-TRANS CONC              24   18DEC95     .
DIVERSN ABV GRND U/S PORT-GATE STRUCT             54   30JAN96     .
DIVERSN ABV GRND U/S PORT-GATES&HOISTS           110    3APR96     .
DIVERSN ABV GRND D/S PORT-EXCAVATION              30    1FEB96     .
DIVERSN ABV GRND D/S PORT-CONC&GUIDES             48   14MAR96     .
DIVERSN BLV GRND U/S-TUNL HEADING 1200FT          60    7OCT95     .                                                XXXXXXXXXXXXXXXXXXXXXXX
DIVERSN BLV GRND U/S -CURB CONC                   12   18DEC95     .
DIVERSN BLV GRND U/S-LINING CONC 1200FT           30   16JAN96     .
DIVERSN BLV GRND U/S-FLOOR CONC 1200FT            15   21FEB96     .
DIVERSN BLV GRND D/S-TUNL HEADING 100FT            5    8MAR96     .
DIVERSN BLV GRND D/S -CURB CONC                   12   14MAR96     .
DIVERSN BLV GRND D/S-LINING CONC 100FT             3   28MAR96     .
DIVERNS BLV GRND D/S-FLOOR CONC 100FT              2    1APR96     .
DIVERSN  PLUG-CLOSE U/S GATES                      6    1FEB       .
DIVERSION WORKS PLUGGED                           80    1FEB       .
DIVERSN  PLUG - CLOSE D/S STOPLOGS                 6    8FEB       .
DIVERSN  PLUG - CONC PLUG                         36   15FEB       .
DIVERSN  PLUG - GROUT                             18   29MAR       .
DIVERN-REMOVE U/S GATES & GATE STRUCTURE          25   29MAR       .
COFFERDAMS-PLACE U/S-ROCK CLOSURE DAM             24    3SEP96     .
                    TO EL915 Q=41900CY            12    3SEP96     .
UPSTREAM COFFERDAM                               108    1SEP96     .
COFFERDAM                                        138    1SEP96     .
COFFERDAMS-PLACE U/S-GROUTING                     60    1OCT96     .
COFFERDAMS-PLACE U/S-COMPL C/D Q=36900CY           6   11DEC96     .
COFFERDAMS-DEWATER                                 6   10JAN97     .
COFFERDAMS-PLACE D/S-CLOS DAM  Q=47000CY          13    1OCT96     .
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SUSITNA HYDROELECTRIC PROJECT - DEVIL CANYON   P570009   PAGE 3

C P M SCHEDULE   TIME NOW 1JUL95

BFB102A   BI-WEEKLY BARCHART PART A

RUNDATE: 12-OCT-82 11:42:39   SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START	95 JUL / AUG / SEP / OCT / NOV 000001111122222300001111122222300000111112222200000111112222230000111112 135791357913579124680246802468013579135791357913579135791357912468024680
DOWNSTREAM COFFERDAM	101	1OCT96	.
COFFERDAMS-PLACE D/S-RIPRAP Q= 1650CY	6	16OCT96	.
COFFERDAMS-PLACE D/S-GROUTING	60	16OCT96	.
COFFERDAMS-REMOVE D/S ONLY-FLOOD	6	26APR99	.
REMOVE D/S COFFERDAM	24	26APR99	.
COFFERDAMS-REMOVE D/S ONLY-REM Q=42000CY	15	3MAY99	.
MN DAM EXC RT BANK-THRUST BLOCK	4	25JAN96	.
MAIN DAM-RIGHT ABUTMENT -EXCAVATION	386	30JAN96	.
MAIN DAM-RIGHT THRUST BLOCK -CONCRETE	275	30JAN96	.
MN DAM EXC RT BANK-EL.1300 - EL.1350	4	18DEC96	.
MN DAM EXC RT BANK-EL.1200 - EL.1300	6	7JAN97	.
MN DAM EXC RT BANK-EL.1100 - EL.1200	9	14JAN97	.
MN DAM EXC RT BANK-EL.1000 - EL.1100	10	24JAN97	.
MN DAM EXC RT BANK-EL. 900 - EL.1000	11	5FEB97	.
MN DAM EXC RVR BED-EXC U/S ALLUVIUM	12	17JAN97	.
MN DAM EXC RVR BED-U/S CONSOLID GROUTING	15	31JAN97	.
-TO EL.900 L=24700FT	15	31JAN97	.
MN DAM EXC RVR BED-U/S CONSOL GROUT CURT	80	24JUL97	.
L=65000FT	80	24JUL97	.
MN DAM EXC RVR BED-REMOVE ABUTM MAT'L	20	24FEB97	.
MAIN DAM-RIVER EXCAVATION	48	23FEB97	.
MN DAM EXC RVR BED-REM ALLUV EL820-EL900	12	19MAR97	.
MN DAM EXC RVR BED-EXCAV KEYWAY	7	2APR97	.
MN DAM EXC RVR BED-EXC U/S ALLUVIUM	12	17JAN97	.
MN DAM EXC RVR BED-D/S CONSOLID GROUTING	15	31JAN97	.
-TO EL.900 L=22230FT	15	31JAN97	.
MN DAM EXC RVR BED-D/S CONSOL GROUT CURT	80	24JUL97	.
L=65000FT	80	24JUL97	.
MN DAM EXC LT BANK-THRUST BLOCK	9	21AUG95	. XXXXXX
MAIN DAM-LEFT ABUTMENT -EXCAVATION	342	31AUG95	. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
MAIN DAM-LEFT THRUST BLOCK -CONCRETE	315	31AUG95	. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
MN DAM EXC LT BANK-EL.1300 - EL.1350	4	18DEC96	.
MN DAM EXC LT BANK-EL.1200 - EL.1300	10	7JAN97	.
MN DAM EXC LT BANK-EL.1100 - EL.1200	11	18JAN97	.
MN DAM EXC LT BANK-EL.1000 - EL.1100	10	31JAN97	.
MN DAM EXC LT BANK-EL. 900 - EL.1000	9	12FEB97	.
MD DAM CONC-RT BNK-THRUST BLOCK	156	29APR96	.
MD DAM CONC-RT BNK-BLCK 14 EL1310-EL1350	58	28APR97	.
MAIN DAM-RIGHT HALF -CONCRETE	1621	28APR97	.
MD DAM CONC-RT BNK-BLCK 14 EL1350-EL1463	259	8JUL97	.
MD DAM CONC-RT BNK-BLCK 13 EL1266-EL1310	65	28APR97	.
MD DAM CONC-RT BNK-BLCK 13 EL1310-EL1463	314	16JUL97	.
MD DAM CONC-RT BNK-BLCK 12 EL1226-EL1266	58	28APR97	.
MD DAM CONC-RT BNK-BLCK 12 EL1266-EL1463	376	8JUL97	.
MD DAM CONC-RT BNK-BLCK 11 EL1186-EL1226	58	28APR97	.
MD DAM CONC-RT BNK-BLCK 11 EL1226-EL1463	531	8JUL97	.
MD DAM CONC-RT BNK-BLCK 10 EL1148-EL1186	58	28APR97	.

SUSITNA HYDROELECTRIC PROJECT - DEVIL CANYON   P570009   PAGE 4
C P M SCHEDULE   TIME NOW 1JUL95

BFBI02A   BI-WEEKLY BARCHART PART A
RUNDATE: 12-OCT-82 11:42:39   SORTED BY: AC CN

D E S C R I P T I O N	DUR WEEKS	SCHED START	95 JUL AUG SEP OCT NOV 000001111122222300000111112222230000011111222220000011111222223000011111 2 135791357913579124680246802468013579135791357913579135791357912468024680
MD DAM CONC-RT BNK-BLCK 10 EL1186-EL1463	586	8JUL97	.
MD DAM CONC-RT BNK-BLCK 9 EL1110-EL1148	58	28APR97	.
MD DAM CONC-RT BNK-BLCK 9 EL1148-EL1463	635	8JUL97	.
MD DAM CONC-RT BNK-BLCK 8 EL1078-EL1110	50	28APR97	.
MD DAM CONC-RT BNK-BLCK 8 EL1110-EL1463	690	26JUN97	.
MD DAM CONC-RT BNK-BLCK 7 EL1046-EL1078	50	28APR97	.
MD DAM CONC-RT BNK-BLCK 7 EL1078-EL1463	731	26JUN97	.
MD DAM CONC-RT BNK-BLCK 6 EL1014-EL1046	50	28APR97	.
MD DAM CONC-RT BNK-BLCK 6 EL1046-EL1463	877	26JUN97	.
MD DAM CONC-RT BNK-BLCK 5 EL 968-EL1014	72	28APR97	.
MD DAM CONC-RT BNK-BLCK 5 EL1014-EL1463	918	24JUL97	.
MD DAM CONC-RT BNK-BLCK 4 EL 916-EL 968	79	28APR97	.
MD DAM CONC-RT BNK-BLCK 4 EL 968-EL1463	980	1AUG97	.
MD DAM CONC-RT BNK-BLCK 3 EL 869-EL 916	72	28APR97	.
MD DAM CONC-RT BNK-BLCK 3 EL 916-EL1463	1153	24JUL97	.
MD DAM CONC-RT BNK-BLCK 2 EL 820-EL 869	72	28APR97	.
MD DAM CONC-RT BNK-BLCK 2 EL 869-EL1463	1215	24JUL97	.
MD DAM CONC-RT BNK-BLCK 1 EL 820-EL1463	1284	27MAY97	.
START LAG	24	28APR97	.
MD DAM CONC-LT BNK-BLCK 1 EL 820-EL1463	1288	28APR97	.
MD DAM CONC-LT BNK-BLCK 2 EL 820-EL 867	72	28APR97	.
MD DAM CONC-LT BNK-BLCK 2 EL 867-EL1463	1222	24JUL97	.
MD DAM CONC-LT BNK-BLCK 3 EL 867-EL 919	79	28APR97	.
MD DAM CONC-LT BNK-BLCK 3 EL 919-EL1463	1146	1AUG97	.
MD DAM CONC-LT BNK-BLCK 4 EL 919-EL 981	94	28APR97	.
MD DAM CONC-LT BNK-BLCK 4 EL 981-EL1463	966	19AUG97	.
MD DAM CONC-LT BNK-BLCK 5 EL 981-EL1034	79	23APR97	.
MD DAM CONC-LT BNK-BLCK 5 EL1034-EL1463	890	1AUG97	.
MD DAM CONC-LT BNK-BLCK 6 EL1034-EL1083	72	28APR97	.
MD DAM CONC-LT BNK-BLCK 6 EL1083-EL1463	821	24JUL97	.
MD DAM CONC-LT BNK-BLCK 7 EL1083-EL1135	79	28APR97	.
MD DAM CONC-LT BNK-BLCK 7 EL1135-EL1463	655	1AUG97	.
MD DAM CONC-LT BNK-BLCK 8 EL1135-EL1187	79	28APR97	.
MD DAM CONC-LT BNK-BLCK 8 EL1187-EL1463	586	1AUG97	.
MD DAM CONC-LT BNK-BLCK 9 EL1187-EL1247	86	28APR97	.
MD DAM CONC-LT BNK-BLCK 9 EL1247-EL1463	404	9AUG97	.
MD DAM CONC-LT BNK-BLCK 10 EL1247-EL1303	86	28APR97	.
MD DAM CONC-LT BNK-BLCK 10 EL1303-EL1463	321	9AUG97	.
MD DAM CONC-LT BNK-BLCK 11 EL1303-EL1340	48	28APR97	.
MD DAM CONC-LT BNK-BLCK 11 EL1340-EL1463	272	24JUN97	.
MAIN DAM-LEFT HALF -CONCRETE	1598	28APR97	.
MD DAM CONC-LT BNK-BLCK 12 EL1340-EL1350	14	28APR97	.
MD DAM CONC-LT BNK-BLCK 12 EL1350-EL1463	159	14MAY97	.
MD DAM CONC-LT BNK-THRUST BLOCK	250	31AUG95	. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
MD DRN&GRT-LT BNK-SHAFT-L= 55FT	15	18MAR96	.
MN DM DRAIN&GROUT-SHAFTS & GALL-LEFT BNK	425	18MAR96	.
MD DRN&GRT-LT BNK-SHAFT-L=110FT	10	4APR96	.

14112 G.B.

BFB102A   BI-WEEKLY BARCHART PART A
RUNDATE: 12-OCT-82 11:42:39   SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START	95 JUL / AUG / SEP / OCT / NOV 00000111112222230000111112222230000011111222220000011111222223000011112 13579135791357912468024680246801357913579135791357913579135791246802468 0
MD DRN&GRT-LT BNK-SHAFT-L=120FT	10	18APR96	
MD DRN&GRT-LT BNK-ACC TNL-EL1190-L=195FT	15	15APR96	
MD DRN&GRT-LT BNK-ACC TNL-EL1190-CON SLB	6	9MAY96	
MD DRN&GRT-LT BNK-ACC TNL-EL1070-L=190FT	12	1APR96	
MD DRN&GRT-LT BNK-ACC TNL-EL1070-CON SLB	5	1JUN96	
MD DRN&GRT-LT BNK-ACC TNL-EL 900-L=170FT	11	18MAR96	
MD DRN&GRT-LT BNK-ACC TNL-EL 900-CON SLB	5	26APR96	
MD DRN&GRT-LT BNK-GALLERS-EL1190-L=315FT	20	4APR96	
MD DRN&GRT-LT BNK-GALLERS-EL1190-CON SLB	8	30APR96	
MD DRN&GRT-LT BNK-GALLERS-EL1190-DRAIN	30	9MAY96	
MD DRN&GRT-LT BNK-GALLERS-EL1190-GROUT	30	9MAY96	
MD DRN&GRT-LT BNK-GALLERS-EL1070-L=470FT	25	18APR96	
MD DRN&GRT-LT BNK-GALLERS-EL1070-CON SLB	12	17MAY96	
MD DRN&GRT-LT BNK-GALLERS-EL1070-GROUT	45	1JUN96	
MD DRN&GRT-LT BNK-GALLERS-EL1070-DRAIN	45	1JUN96	
MD DRN&GRT-LT BNK-GALLERS-EL 960-L=475FT	25	30APR96	
MD DRN&GRT-LT BNK-GALLERS-EL 960-CON SLB	12	30MAY96	
MD DRN&GRT-LT BNK-GALLERS-EL 960-GROUT	45	13JUN96	
MD DRN&GRT-LT BNK-GALLERS-EL 960-DRAIN	45	13JUN96	
MD DRN&GRT-LT BNK-GALLERS-EL 900-L=225FT	15	30MAR96	
MD DRN&GRT-LT BNK-GALLERS-EL 900-CON SLB	6	19APR96	
MD DRN&GRT-LT BNK-GALLERS-EL 900-GROUT	25	26APR96	
MD DRN&GRT-LT BNK-GALLERS-EL 900-DRAIN	25	26APR96	
MD DRN&GRT-LT BNK-GALLERS-EL 820-L=175FT	12	2APR97	
MD DRN&GRT-LT BNK-GALLERS-EL 820-CON SLB	3	18APR97	
MD DRN&GRT-LT BNK-GALLERS-EL 820-GROUT	20	24APR97	
MD DRN&GRT-LT BNK-GALLERS-EL 820-DRAIN	20	24APR97	
MD DRN&GRT-RT BNK-ACC TNL-EL1240-L=135FT	10	21NOV96	
MD DRN&GRT-RT BNK-ACC TNL-EL1240-CON SLB	4	4FEB97	
MD DRN&GRT-RT BNK-ACC TNL-EL1070-L=170FT	15	9NOV96	
MD DRN&GRT-RT BNK-ACC TNL-EL1070-CON SLB	5	16JAN97	
MD DRN&GRT-RT BNK-ACC TNL-EL 900-L=190FT	15	15FEB97	
MD DRN&GRT-RT BNK-ACC TNL-EL 900-CON SLB	5	27MAR97	
MD DRN&GRT-RT BNK-GALLERS-EL1370-L=280FT	30	18MAR96	
MN DM DRAIN&GROUT-GALLERIES -RIGHT BANK	467	18MAR96	
MD DRN&GRT-RT BNK-GALLERS-EL1370-CON SLB	7	24APR96	
MD DRN&GRT-RT BNK-GALLERS-EL1370-GROUT	30	2MAY96	
MD DRN&GRT-RT BNK-GALLERS-EL1370-DRAIN	30	2MAY96	
MD DRN&GRT-RT BNK-GALLERS-EL1240-L=180FT	35	4DEC96	
MD DRN&GRT-RT BNK-GALLERS-EL1240-CON SLB	5	29JAN97	
MD DRN&GRT-RT BNK-GALLERS-EL1240-GROUT	20	4FEB97	
MD DRN&GRT-RT BNK-GALLERS-EL1240-DRAIN	20	4FEB97	
MD DRN&GRT-RT BNK-GALLERS-EL1070-L=350FT	20	27NOV96	
MD DRN&GRT-RT BNK-GALLERS-EL1070-CON SLB	9	6JAN97	
MD DRN&GRT-RT BNK-GALLERS-EL1070-GROUT	35	16JAN97	
MD DRN&GRT-RT BNK-GALLERS-EL1070-DRAIN	35	16JAN97	
MD DRN&GRT-RT BNK-GALLERS-EL 960-L=500FT	25	14MAR97	

SUSITNA HYDROELECTRIC PROJECT - DEVIL CANYON P570009 PAGE 6

C P M SCHEDULE TIME NOW 1JUL95

BFBI02A BI-WEEKLY BARCHART PART A

RUNDATE: 12-OCT-82 11:42:39 SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START
MD DRN&GRT-RT BNK-GALLERS-EL 960-CON SLB	13	15APR97
MD DRN&GRT-RT BNK-GALLERS-EL 960-GROUT	50	30APR97
MD DRN&GRT-RT BNK-GALLERS-EL 960-DRAIN	50	30APR97
MD DRN&GRT-RT BNK-GALLERS-EL 900-L= 80FT	7	6MAR97
MD DRN&GRT-RT BNK-GALLERS-EL 900-L=185FT	6	14MAR97
MD DRN&GRT-RT BNK-GALLERS-EL 900-CON SLB	5	21MAR97
MD DRN&GRT-RT BNK-GALLERS-EL 900-GROUT	20	27MAR97
MD DRN&GRT-RT BNK-GALLERS-EL 900-DRAIN	20	27MAR97
MD DRN&GRT-RT BNK-GALLERS-EL 820-L=140FT	10	2APR97
MD DRN&GRT-RT BNK-GALLERS-EL 820-CON SLB	4	16APR97
MD DRN&GRT-RT BNK-GALLERS-EL 820-DRAIN	15	21APR97
MD DRN&GRT-RT BNK-GALLERS-EL 820-GROUT	15	21APR97
SADDLE DAM-GALLERY-HORIZ TUNNEL L=590FT	40	17FEB98
SADDLE DAM-DRAIN&GROUT-SHAFTS & GALL	145	16FEB98
SADDLE DAM-GALLERY-CONC SLAB	10	7APR98
SADDLE DAM-GALLERY-GROUTING	55	18APR98
SADDLE DAM-GALLERY-DRAINAGE	55	18APR98
SADDLE DAM-GALLERY-INCL TUNNEL L=540FT	45	17FEB98
SADDLE DAM-GALLERY-CONC SLAB	15	13APR98
SADDLE DAM-GALLERY-GROUTING	60	30APR98
SADDLE DAM-GALLERY-DRAINAGE	60	30APR98
SADDLE DAM-DM EL1215-1300-DRAIN LAKE	30	26OCT98
SADDLE DAM-DRAIN AREA & EXCAV	128	26OCT98
SADDLE DAM-DM EL1215-1300-EXC OVERBURDEN	40	1DEC98
SADDLE DAM-DM EL1215-1300-EXC ROCK TRENC	25	1FEB99
SADDLE DAM-DM EL1215-1300-CONSOL GROUT	40	3MAY99
SADDLE DAM-FOUND PREP & FILL	368	3MAY99
SADDLE DAM-DM EL1215-1300-FILL	40	19JUN99
SADDLE DAM-DM EL1300-1470-EXC OVRBURDEN	15	26OCT98
SADDLE DAM-DM EL1300-1470-EXC ROCK TRENC	45	12NOV98
SADDLE DAM-DM EL1300-1470-CONSOL GROUT	35	3MAY99
SADDLE DAM-DM EL1300-1470-FILL	217	6AUG99
INT&PF-INT APPR CHN&STRUC-EXC Q=300600CY	134	5MAY97
INT&PF-INT APPR CHN&STRUC-CONC BLOCK A	168	29MAY98
INTAKE-START CONCRETE	200	29MAY98
INT&PF-INT APPR CHN&STRUC-GUIDES 1	25	15DEC98
INTAKE-FINISH CONCRETE	163	15DEC98
INTAKE-START GUIDES GATES & HOISTS	224	15DEC98
INT&PF-INT APPR CHN&STRUC-GATES 1	25	28JAN99
INT&PF-INT APPR CHN&STRUC-TOWERS 1	25	27FEB99
INT&PF-INT APPR CHN&STRUC-HOISTS 1	25	29MAR99
INT&PF-INT APPR CHN&STRUC-START LAG	24	29MAY98
INT&PF-INT APPR CHN&STRUC-CONC BLOCK B	268	26JUN98
INT&PF-INT APPR CHN&STRUC-GUIDES 2	25	27MAY99
INT&PF-INT APPR CHN&STRUC-GATES 2	25	26JUN99
INT&PF-INT APPR CHN&STRUC-TOWERS 2	25	27JUL99
INT&PF-INT APPR CHN&STRUC-HOISTS 2	25	25AUG99

Chart timeline header: 95 JUL AUG SEP OCT NOV
0000011111222223000011111222223000001111122222000001111122222300000111112
1357913579135791246802468024680135791357913579135791357913579124680246802

SUSITNA HYDROELECTRIC PROJECT - DEVIL CANYON P570009 PAGE 7

C P M SCHEDULE TIME NOW 1JUL95

BFB102A BI-WEEKLY BARCHART PART A

RUNDATE: 12-OCT-82 11:42:39 SORTED BY: AC CN

95
JUL AUG SEP OCT NOV
0000011111222223000011111222223000001111122222000001111122222300001111112
1357913579135791246802468024680135791357913579135791357913579124680246 80

D E S C R I P T I O N	DUR WEEKS	SCHED START	95
INT&PF-INT APPR CHN&STRUC-CONC BLOCK C	168	29MAY98	.
INT&PF-INT APPR CHN&STRUC-GUIDES 3	25	26JUN99	.
INT&PF-INT APPR CHN&STRUC-GATES 3	25	27JUL99	.
INT&PF-INT APPR CHN&STRUC-TOWERS 3	25	25AUG99	.
INT&PF-INT APPR CHN&STRUC-HOISTS 3	25	24SEP99	.
INT&PF-INT APPR CHN&STRUC-START LAG	24	29MAY98	.
INT&PF-INT APPR CHN&STRUC-CONC BLOCK D	268	26JUN98	.
INT&PF-INT APPR CHN&STRUC-GUIDES 4	25	27JUL99	.
INTAKE-FINISH GUIDES GATES & HOISTS	117	27JUL99	.
INT&PF-INT APPR CHN&STRUC-GATES 4	25	25AUG99	.
INT&PF-INT APPR CHN&STRUC-TOWERS 4	25	24SEP99	.
INT&PF-INT APPR CHN&STRUC-HOISTS 4	25	23OCT99	.
INT&PF-PENSTOCKS-EXCAV Q= 55100CY	174	17OCT97	.
PENSTOCKS -EXCAVATION	224	17OCT97	.
INT&PF-PENSTOCKS-CONCRETE	475	29MAY98	.
PENSTOCKS -LININGS	715	29MAY98	.
INT&PF-PENSTOCKS-LINING	100	14JAN	.
INT&PF-PENSTOCKS-EXC PNSTK ADIT L=1000FT	60	7AUG97	.
TRANSFORMER GALLERY -EXCAVATION	14	17OCT97	.
INT&PF-PH ACC-PORTAL	45	26SEP96	.
POWERHOUSE-ACCESS TUNNELS	344	26SEP96	.
INT&PF-PH ACC-TNL S/W TK-OFF L=1000FT	60	18NOV96	.
INT&PF-PH ACC-TNL PNSTK ADIT L=2400FT	145	12FEB97	.
INT&PF-PH ACC-TUNNEL UNDER S/W L= 560FT	35	12FEB97	.
INT&PF-PH ACC-TUNNEL TO TRANSFORMER	12	7AUG97	.
GALLERY TAKE-OFF L= 200FT	12	7AUG97	.
INT&PF-PH ACC-TNL TO SC TK-OFF L= 500FT	3	21AUG97	.
INT&PF-PH ACC-TNL TO PH VLT L= 150FT	9	25AUG97	.
INT&PF-PH ACC-TNL TO TRANS GALL L= 250FT	15	21AUG97	.
INT&PF-PH ACC-TNL TO SURGE CHAM L= 200FT	15	25AUG97	.
INT&PF-PH VLT-EXC UPPER VAULT Q= 60000CY	125	5SEP97	.
POWERHOUSE-EXCAVATION -START	246	5SEP97	.
INT&PF-PH VLT-ST EXC SUBSTRUC Q= 20000CY	45	16MAR98	.
INT&PF-PH VLT-FN EXC SUBSTRUC Q= 15000CY	35	9MAY98	.
POWERHOUSE-EXCAVATION-FINISH	42	9MAY98	.
INT&PF-PH VLT-CONC SERVICE BAY	108	9MAY98	.
POWERHOUSE-SUBSTRUCTURE CONC -START	360	9MAY98	.
INT&PF-PH VLT-INSTALL PH CRANE	36	16SEP98	.
INT&PF-PH VLT-START 1ST STAGE CONC UNIT1	96	16SEP98	.
INT&PF-PH VLT-FINIS 1ST STAGE CONC UNIT1	84	22JAN99	.
POWERHOUSE-2ND STAGE CONCRETE-START	192	4MAY99	.
POWERHOUSE-SUBSTRUCTURE CONC -CONTINUE	14	4MAY99	.
TURBINE EMBEDDED PARTS-START	358	4MAY99	.
INT&PF-PH VLT- 2ST STAGE CONC UNIT1	72	19AUG99	.
POWERHOUSE 2ND STAGE CONC-CONT	273	12NOV99	.
INT&PF-PH VLT-START 1ST STAGE CONC UNIT2	.96	22JAN99	.
INT&PF-PH VLT-FINIS 1ST STAGE CONC UNIT2	84	18MAY99	.

BFB102A BI-WEEKLY BARCHART PART A
RUNDATE: 12-OCT-82 11:42:39 SORTED BY: AC CN

D E S C R I P T I O N	DUR WEEKS	SCHED START	95 JUL AUG SEP OCT NOV 0000011111222223000011111222223000001111122222000001111122222300001111 2 135791357913579124680246802468013579135791357913579135791357912468024680
INT&PF-PH VLT- 2ST STAGE CONC UNIT2	72	11DEC99	.
INT&PF-PH VLT-START 1ST STAGE CONC UNIT3	96	18MAY99	.
POWERHOUSE-SUBSTRUCTURE CONC -FINISH	344	18MAY99	.
INT&PF-PH VLT-FIN 1ST STAGE CONC UNIT3	84	10SEP99	.
INT&PF-PH VLT- 2ND STAGE CONC UNIT3	72	19APR	.
INT&PF-PH VLT-START 1ST STAGE CONC UNIT4	96	10SEP99	.
INT&PF-PH VLT-FIN 1ST STAGE CONC UNIT4	84	15JAN	.
INT&PF-PH VLT- 2ND STAGE CONC UNIT4	72	11AUG	.
INT&PF-TRF GALL-EXC Q=22000CY	45	9SEP97	.
INT&PF-TRF GALL-CONC	84	31OCT97	.
TRANSF GALL & CABLE SHAFTS -CONC	405	31OCT97	.
INT&PF-TRF GALL-INST TRF GALL EQUIP	150	24FEB98	.
INT&PF-TRF GALL-EXC BUS TUNNEL Q= 5340CY	55	31OCT97	.
INT&PF-TRF GALL-CONC BUS TUNNELS	20	20JAN98	.
INT&PF-TRF GALL-INST BUS TUNNEL EQUIP	100	12FEB98	.
INT&PF-TRF GALL-EXC CABLE SHFT Q= 3000CY	60	15JUN98	.
INT&PF-TRF GALL-LINING CABLE SHAFTS	90	25AUG98	.
INT&PF-TRF GALL-INST CABLE SHAFT EQUIP	100	10DEC98	.
INT&PF-SRG CHBR-EXC UPPER PART Q=90000CY	95	12SEP97	.
SURGE CHAMBER -EXCAVATION	233	12SEP97	.
INT&PF-SRG CHBR-ST EXC LWR PRT Q=30000CY	35	2FEB98	.
INT&PF-SRG CHBR-FN EXC LWR PRT Q=35000CY	40	16MAR98	.
INT&PF-SRG CHBR-CONCRETE	90	4MAY98	.
SURGE CHAMBER -CONC & GATES	301	3MAY98	.
TAILRACE TUNNEL -LINING	215	3MAY98	.
INT&PF-SRG CHBR-GATES	150	19AUG98	.
INT&PF-TR TUNNL-PORTAL DEVELOPMENT	30	17OCT96	.
TAILRACE TUNNEL -EXCAVATION	472	17OCT96	.
INT&PF-TR TUNNL-TUNNELLING L= 6800FT	340	21NOV96	.
INT&PF-TR TUNNL-LINING	180	4MAY98	.
GEN EQUIP -TURB U-1 -INST EMB PARTS	90	4MAY99	.
TURBINES & GENERATORS-START	443	19AUG99	.
GEN EQUIP -TURB U-1 -INST REM PARTS	288	12NOV99	.
TURBINES & GENERATORS-CONTINUE		4NOV	.
GEN EQUIP -TURB U-2 -INST EMB PARTS	90	26AUG99	.
GEN EQUIP -TURB U-2 -INST REM PARTS	288	20MAR	.
GEN EQUIP -TURB U-3 -INST EMB PARTS	90	18DEC99	.
GEN EQUIP -TURB U-3 -INST REM PARTS	288	14JUL	.
TURBINE EMBEDDED PARTS FINISH	107	26APR	.
GEN EQUIP -TURB U-4 -INST EMB PARTS	90	26APR	.
POWERHOUSE 2ND STAGE CONC-FIN	85	11AUG	.
GEN EQUIP -TURB U-4 -INST REM PARTS	288	4NOV	.
TURBINES & GENERATORS-FINISH	358	4NOV	.
GEN EQUIP -GENERATOR U-1 -INSTALL	288	12NOV99	.
GEN EQUIP -TEST & COMMISSION -U1	30	4NOV	.
TURBINES & GENERATORS-TEST&COMMISSION	395	4NOV	.
GEN EQUIP -GENERATOR U-2 -INSTALL	288	20MAR	.

C P M SCHEDULE

TIME NOW 1JUL95

BFB102A BI-WEEKLY BARCHART PART A

RUNDATE: 12-OCT-82 11:42:39 SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START	95 JUL AUG SEP OCT NOV 00000111112222230000011111222223000001111122222000001111122222300001111112 13579135791357912468024680246801357913579135791357913579135791246802468O
GEN EQUIP -TEST & COMMISSION -U2	30	13MAR 1	.
GEN EQUIP -GENERATOR U-3 -INSTALL	288	14JUL	.
GEN EQUIP -TEST & COMMISSION -U3	30	7JUL 1	.
GEN EQUIP -GENERATOR U-4 -INSTALL	288	4NOV	.
GEN EQUIP -TEST & COMMISSION -U4	30	29OCT 1	.
CHUTE S/W HDWK-APP CHN-ST EXC Q= 73100CY	20	12AUG96	.
CHUTE S/W HDWK-APP CHN-CN EXC Q= 29100CY	15	5SEP96	.
CHUTE S/W HDWK-APP CHN-FN EXC Q= 38800CY	20	23SEP96	.
CHUTE S/W HDWK-STRUCT -ST EXC Q= 62300CY	25	12AUG96	.
CHUTE S/W HDWK-STRUCT -CN EXC Q= 30600CY	20	11SEP96	.
CHUTE SPILLWAY-CHUTE&FLIP-EXC -START	253	11SEP96	.
CHUTE S/W HDWK-STRUCT -CN EXC Q= 20400CY	15	9SEP97	.
CHUTE S/W HDWK-STRUCT -FN EXC Q= 10200CY	10	26SEP97	.
CHUTE S/W HDWK-STRUCT-DRAIN TUNN L=140FT	20	8OCT97	.
CHUTE SPILLWAY-HEADWORKS-CONCRETE-START	167	31OCT97	.
CHUTE S/W HDWK-BLK A -CONC Q= 29600CY	126	31OCT97	.
CHUTE SPILLWAY-HEADWORKS-CONCRETE-FINISH	43	16APR98	.
CHUTE S/W HDWK-BLK A -GUIDES 1	25	16APR98	.
CHT S/W-GUIDES,GATES,TOWER & HSTS-START	43	16APR98	.
CHUTE S/W HDWK-BLK A -GATE 1	25	15MAY98	.
CHUTE S/W HDWK-BLK A -TOWERS 1	25	15JUN98	.
CHUTE S/W HDWK-BLK A -HOISTS 1	25	15JUL98	.
CHUTE S/W HDWK-BLK B -START LAG	36	31OCT97	.
CHUTE S/W HDWK-BLK B -CONC Q= 29600CY	126	13DEC97	.
CHUTE S/W HDWK-BLK B -GUIDES 2	25	29MAY98	.
CHT S/W-GUIDES,GATES,TOWER & HSTS-FINISH	148	29MAY98	.
CHUTE S/W HDWK-BLK B -GATE 2	25	27JUN98	.
CHUTE S/W HDWK-BLK B -TOWERS 2	25	28JUL98	.
CHUTE S/W HDWK-BLK B -HOISTS 2	25	26AUG98	.
CHUTE S/W HDWK-BLK C -CONC Q= 29600CY	126	31OCT97	.
CHUTE S/W HDWK-BLK C -GUIDES 3	25	27JUN98	.
CHUTE S/W HDWK-BLK C -GATE 3	25	28JUL98	.
CHUTE S/W HDWK-BLK C -TOWERS 3	25	26AUG98	.
CHUTE S/W HDWK-BLK C -HOISTS 3	25	25SEP98	.
CHUTE S/W CHT DRN TNL-INCL UND CHT L=695	170	26JAN98	.
CHUTE S/W CHT DRN TNL-HORZ UND FLP L=250	45	26JAN98	.
CHUTE S/W CHT DRN TNL-HORZ UND CHT L= 80	14	18AUG98	.
CHUTE S/W-CHUTE-SECT 20 -EXC Q= 31480CY	15	5MAY97	.
CHUTE SPILLWAY-CHUTE&FLIP-EXC -FINISH	482	22MAY97	.
CHUTE S/W-CHUTE-SECT 20 -ANCHORS & DRAIN	10	3SEP98	.
CHUTE S/W-CHUTE-SECT 20 -CONC Q= 1890CY	78	16SEP98	.
CHUTE SPILLWAY-CHUTE&FLIP-CONC -START		16SEP98	.
CHUTE S/W-CHUTE-SECT 19 -EXC Q= 31480CY	15	22MAY97	.
CHUTE S/W-CHUTE-SECT 19 -ANCHORS & DRAIN	10	16SEP98	.
CHUTE S/W-CHUTE-SECT 19 -START LAG	24	9OCT98	.
CHUTE S/W-CHUTE-SECT 19 -CONC Q= 1890CY	178	6NOV98	.
CHUTE S/W-CHUTE-SECT 18 -EXC Q= 31480CY	15	10JUN97	.

BFBI02A BI-WEEKLY BARCHART PART A
RUNDATE: 12-OCT-82 11:42:39 SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START	95 JUL AUG SEP OCT NOV 000001111122222300001111122222300000111112222200000111112222230000111112 135791357913579124680246802468013579135791357913579135791357912468024680
CHUTE S/W-CHUTE-SECT 18 -ANCHORS & DRAIN	10	28SEP98	.
CHUTE S/W-CHUTE-SECT 18 -CONC Q= 1890CY	178	9OCT98	.
CHUTE S/W-CHUTE-SECT 17 -EXC Q= 31480CY	15	27JUN97	.
CHUTE S/W-CHUTE-SECT 17 -ANCHORS & DRAIN	10	9OCT98	.
CHUTE S/W-CHUTE-SECT 17 -START LAG	24	2NOV98	.
CHUTE S/W-CHUTE-SECT 17 -CONC Q= 1890CY	178	1DEC98	.
CHUTE S/W-CHUTE-SECT 16 -EXC Q= 31480CY	15	17JUL97	.
CHUTE S/W-CHUTE-SECT 16 -ANCHORS & DRAIN	10	21OCT98	.
CHUTE S/W-CHUTE-SECT 16 -CONC Q= 1890CY	178	2NOV98	.
CHUTE S/W-CHUTE-SECT 15 -EXC Q= 31480CY	15	4AUG97	.
CHUTE S/W-CHUTE-SECT 15 -ANCHORS & DRAIN	10	2NOV98	.
CHUTE S/W-CHUTE-SECT 15 -START LAG	24	24MAY99	.
CHUTE S/W-CHUTE-SECT 15 -CONC Q= 1890CY	78	22JUN99	.
CHUTE S/W-CHUTE-SECT 14 -EXC Q= 31480CY	15	21AUG97	.
CHUTE S/W-CHUTE-SECT 14 -ANCHORS & DRAIN	10	13NOV98	.
CHUTE S/W-CHUTE-SECT 14 -START LAG	24	26APR99	.
CHUTE S/W-CHUTE-SECT 14 -CONC Q= 1890CY	78	24MAY99	.
CHUTE S/W-CHUTE-SECT 13 -EXC Q= 31480CY	15	9SEP97	.
CHUTE S/W-CHUTE-SECT 13 -ANCHORS & DRAIN	10	25NOV98	.
CHUTE S/W-CHUTE-SECT 13 -START LAG	24	24MAY99	.
CHUTE S/W-CHUTE-SECT 13 -CONC Q= 1890CY	78	22JUN99	.
CHUTE S/W-CHUTE-SECT 12 -EXC Q= 31480CY	15	26SEP97	.
CHUTE S/W-CHUTE-SECT 12 -ANCHORS & DRAIN	10	8DEC98	.
CHUTE S/W-CHUTE-SECT 12 -CONC Q= 1890CY	78	24MAY99	.
CHUTE S/W-CHUTE-SECT 11 -EXC Q= 31480CY	15	14OCT97	.
CHUTE S/W-CHUTE-SECT 11 -ANCHORS & DRAIN	10	4JAN99	.
CHUTE S/W-CHUTE-SECT 11 -START LAG	24	24MAY99	.
CHUTE S/W-CHUTE-SECT 11 -CONC Q= 1890CY	78	22JUN99	.
CHUTE S/W-CHUTE-SECT 10 -EXC Q= 31480CY	15	31OCT97	.
CHUTE S/W-CHUTE-SECT 10 -ANCHORS & DRAIN	10	15JAN99	.
CHUTE S/W-CHUTE-SECT 10 -CONC Q= 1890CY	78	24MAY99	.
CHUTE S/W-CHUTE-SECT 9 -EXC Q= 31480CY	15	18NOV97	.
CHUTE S/W-CHUTE-SECT 9 -ANCHORS & DRAIN	10	27JAN99	.
CHUTE S/W-CHUTE-SECT 9 -START LAG	24	22JUN99	.
CHUTE S/W-CHUTE-SECT 9 -CONC Q= 1890CY	78	21JUL99	.
CHUTE S/W-CHUTE-SECT 8 -EXC Q= 31480CY	15	6DEC97	.
CHUTE S/W-CHUTE-SECT 8 -ANCHORS & DRAIN	10	8FEB99	.
CHUTE S/W-CHUTE-SECT 8 -START LAG	24	24MAY99	.
CHUTE S/W-CHUTE-SECT 8 -CONC Q= 1890CY	78	22JUN99	.
CHUTE S/W-CHUTE-SECT 7 -EXC Q= 31480CY	15	8JAN98	.
CHUTE S/W-CHUTE-SECT 7 -ANCHORS & DRAIN	10	20FEB99	.
CHUTE S/W-CHUTE-SECT 7 -START LAG	24	22JUN99	.
CHUTE S/W-CHUTE-SECT 7 -CONC Q= 1890CY	78	21JUL99	.
CHUTE S/W-CHUTE-SECT 6 -EXC Q= 31480CY	15	26JAN98	.
CHUTE S/W-CHUTE-SECT 6 -ANCHORS & DRAIN	10	4MAR99	.
CHUTE S/W-CHUTE-SECT 6 -START LAG	24	24MAY99	.
CHUTE S/W-CHUTE-SECT 6 -CONC Q= 1890CY	78	22JUN99	.

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C P M SCHEDULE

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BFBI02A BI-WEEKLY BARCHART PART A

RUNDATE: 12-OCT-82 11:42:39 SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START	95 JUL AUG SEP OCT NOV 0000011111222223000011111222223000001111122222000001111122222300001111112 13579135791357912468024680246801357913579135791357913579135791357912468024680
CHUTE S/W-CHUTE-SECT 5 -EXC Q= 31480CY	15	12FEB98	.
CHUTE S/W-CHUTE-SECT 5 -ANCHORS & DRAIN	10	16MAR99	.
CHUTE S/W-CHUTE-SECT 5 -START LAG	24	22JUN99	.
CHUTE S/W-CHUTE-SECT 5 -CONC Q= 1890CY	78	21JUL99	.
CHUTE S/W-CHUTE-SECT 4 -EXC Q= 31480CY	15	3MAR98	.
CHUTE S/W-CHUTE-SECT 4 -ANCHORS & DRAIN	10	27MAR99	.
CHUTE S/W-CHUTE-SECT 4 -START LAG	24	24MAY99	.
CHUTE S/W-CHUTE-SECT 4 -CONC Q= 1890CY	78	22JUN99	.
CHUTE S/W-CHUTE-SECT 3 -EXC Q= 31480CY	15	20MAR98	.
CHUTE S/W-CHUTE-SECT 3 -ANCHORS & DRAIN	10	10APR99	.
CHUTE S/W-CHUTE-SECT 3 -START LAG	24	21JUL99	.
CHUTE S/W-CHUTE-SECT 3 -CONC Q= 1890CY	78	18AUG99	.
CHUTE S/W-CHUTE-SECT 2 -EXC Q= 31480CY	15	9APR98	.
CHUTE S/W-CHUTE-SECT 2 -ANCHORS & DRAIN	10	22APR99	.
CHUTE S/W-CHUTE-SECT 2 -START LAG	24	22JUN99	.
CHUTE S/W-CHUTE-SECT 2 -CONC Q= 1890CY	78	21JUL99	.
CHUTE S/W-CHUTE-SECT 1 -EXC Q= 31480CY	15	27APR98	.
CHUTE S/W-CHUTE-SECT 1 -ANCHORS & DRAIN	10	4MAY99	.
CHUTE S/W-CHUTE-SECT 1 -START LAG	24	21JUL99	.
CHUTE S/W-CHUTE-SECT 1 -CONC Q= 1890CY	78	18AUG99	.
CHUTE S/W-CHUTE-FLIP -EXC Q= 31480CY	15	14MAY98	.
CHUTE SPILLWAY-CHUTE&FLIP-CONC -FINISH	428	16SEP98	.
CHUTE S/W-CHUTE-FLIP -ANCHORS & DRAIN	10	15MAY99	.
CHUTE S/W-CHUTE-FLIP -CONC Q= 2000CY	78	18AUG99	.
EMERG S/W -EXC -OVERBURDEN Q= 40000CY	5	3MAY99	.
EMERGENCY SPILLWAY-EXC -START	195	3MAY99	.
EMERG S/W -EXC -OVERBURDEN Q=100000CY	15	8MAY99	.
EMERG S/W -EXC -OVERBURDEN Q=141500CY	20	26MAY99	.
EMERG S/W -EXC -ROCK Q= 58500CY	15	8MAY99	.
EMERG S/W -EXC -ROCK Q=561500CY	145	26MAY99	.
EMERGENCY SPILLWAY-EXC -FINISH	207	14NOV99	.
EMERGENCY SPILLWAY-GROUND SLAB & BRIDGE	243	14NOV99	.
EMERG S/W -EXC -ROCK Q=614500CY	160	15NOV99	.
EMERG S/W -GRND SLAB -CONSOL GROUT	20	15NOV99	.
EMERG S/W -GRND SLAB -CONSOL GROUT	10	9DEC99	.
EMERG S/W -GRND SLAB -CONC SLABS	75	9DEC99	.
EMERG S/W -GRND SLAB -CONC SLABS	75	21MAR	.
EMERG S/W -GRND SLAB -ROCK ANCHORS	20	20JUN	.
EMERG S/W -BRIDGE -ERECT	150	15NOV99	.
EMERG S/W -FUSE PLUG-FILL Q=26000CY	20	14JUL	.
SERV S/W VALVES-INSTALL IN DAM	225	26APR99	.
SERV S/W VALVES-CLOSE & IMPOUND RESERV.	50	5MAY	.

DRB3:[MEILHEDE.DEVSCH]BFBI02B.LIS;1

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C P M SCHEDULE   TIME NOW 1JUL95

BFB102B BI-WEEKLY BARCHART PART B

RUNDATE: 12-OCT-82 11:49:14 SORTED BY: AC CN

D E S C R I P T I O N	DUR WEEKS	SCHED START	95 NOV DEC 96 JAN FEB MAR APR 222223000011111222223000001111122222300001111122222000001111122222300001 024680246802468024680135791357913579124680246802468135791357913579124680
CONSTR RDS RT [illegible]NK-SEGM 20-19; L=1800FT	48	1JUL95	
ACCESS TO SPI[illegible]Y APPROACH	208	1JUL95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
ACCESS TO RIGH[illegible] ARCH ABUT EXC	172	1JUL95	XXXXXXXXXXXXXXX
CONSTR RDS RT BNK-SEGM 19-18; L=2600FT	144	28AUG95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS RT BNK-SEGM 19-21; L=1400FT	36	28AUG95	
CONSTR RDS RT BNK-SEGM 21-22A;L=1050FT	60	10OCT95	XXXXXXXXXXXXXXX
CONSTR RDS RT BNK-SEGM 21-26; L= 750FT	42	10OCT95	XXXXX
CONSTR RDS RT BNK-SEGM 22A-22;L= 150FT	6	20DEC95	XXXXXXXXXXX
CONSTR RDS RT BNK-SEGM 22A-23;L= 300FT	12	20DEC95	XXXXXXXXXXXXXXX
CONSTR RDS RT BNK-SEGM 23-25; L= 200FT	6	18JAN96	XXXX
CONSTR RDS RT BNK-SEGM 23-24; L= 200FT	6	18JAN96	XXXX
CONSTR RDS RT BNK-SEGM 26-27; L= 800FT	18	29NOV95	XXXXXXXXXXX
CONSTR RDS RT BNK-SEGM 26-28; L= 850FT	36	29NOV95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS RT BNK-SEGM 1- 2; L=6000FT	60	1JUL95	
ACCESS TO T/R TUNNEL PORTAL	474	1JUL95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
ACCESS TO P/H ENTRY PORTAL	453	1JUL95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
ACCESS TO RT THRUST BLK & SPW HDWKS	87	1JUL95	
ACCESS TO TOP OF INTAKE HDWKS	94	1JUL95	
CONSTR RDS RT BNK-SEGM 2- 9; L=1000FT	12	12SEP95	
CONSTR RDS RT BNK-SEGM 2- 3; L= 900FT	12	12SEP95	
CONSTR RDS RT BNK-SEGM 2-18; L=2200FT	30	12SEP95	
CONSTR RDS RT BNK-SEGM 9-10; L=2865FT	120	26SEP95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS RT BNK-SEGM 9-17; L=1700FT	54	26SEP95	XXXXX
CONSTR RDS RT BNK-SEGM 10-13; L=4790FT	192	1MAR96	XXXXXXXXXXXXXXXXXXXXX
CONSTR RDS RT BNK-SEGM 10-11; L=3400FT	162	1MAR96	XXXXXXXXXXXXXXXXXXXXX
CONSTR RDS RT BNK-SEGM 11-12; L= 250FT	12	12SEP96	
CONSTR RDS RT BNK-SEGM 11-14; L=1200FT	66	12SEP96	
CONSTR RDS RT BNK-SEGM 11-15; L=1600FT	90	12SEP96	
CONSTR RDS RT BNK-SEGM 11-47; L= 900FT	50	12SEP96	
CONSTR RDS RT BNK-SEGM 11-48; L=1000FT	60	12SEP96	
CONSTR RDS RT BNK-SEGM 15-16; L= 850FT	48	11JAN97	
CONSTR RDS RT BNK-SEGM 15-15A;L= 500FT	30	11JAN97	
CONSTR RDS RT BNK-SEGM 3- 4; L= 500FT	6	26SEP95	
MAIN DAM-RIGHT THRUST BLOCK -EXCAVATION	126	26SEP95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
CHUTE SPILLWAY-HEADWORKS-EXCAVATION	743	26SEP95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
INTAKE-EXCAVATION	726	17OCT95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS LT BNK-SEGM 29-30; L= 400FT	12	1JUL95	
ACCESS TO U/S DIVERSION PORTAL	50	1JUL95	L
ACCESS TO LEFT ARCH ABUTMENT EXCAVATION	94	1JUL95	
PREL ACCESS TO D/S DIV PORTAL & D/S C/D	215	1JUL95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
ACCESS TO U/S COFFERDAM	64	1JUL95	
CONSTR RDS LT BNK-SEGM 30-42; L= 500FT	30	17JUL95	L
CONSTR RDS LT BNK-SEGM 30-31; L= 600FT	36	17JUL95	L
CONSTR RDS LT BNK-SEGM 31-33; L= 500FT	30	28AUG95	
CONSTR RDS LT BNK-SEGM 31-32; L= 100FT	6	28AUG95	
CONSTR RDS LT BNK-SEGM 33-44; L=1550FT	90	3OCT95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS LT BNK-SEGM 44-46; L= 900FT	50	1FEB96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

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C P M SCHEDULE

TIME NOW 1JUL95

BFB102B BI-WEEKLY BARCHART PART B

RUNDATE: 12-OCT-82 11:49:14 SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START	95 NOV DEC 96 JAN FEB MAR APR
			222223000011111222223000001111122222300001111122222000001111122222300001
			024680246802468024680135791357913579124680246802468135791357913579124680
CONSTR RDS LT BNK-SEGM 44-45; L=1000FT	60	1FEB96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS LT BNK-SEGM 34-35; L=2000FT	18	1JUL95	
ACCESS TO RIGHT SIDE OF SADDLE DAM	29	1JUL95	
ACCESS TO LEFT THRUST BLOCK	50	1JUL95	
CONSTR RDS LT BNK-SEGM 35-36; L= 480FT	6	24JUL95	
CONSTR RDS LT BNK-SEGM 35-37; L= 400FT	24	24JUL95	
MAIN DAM-LEFT THRUST BLOCK -EXCAVATION	11	20AUG95	
CONSTR RDS LT BNK-SEGM 8- 7; L=4660FT	48	1JUL95	
ACCESS TO U/S END OF EMERGENCY SPILLWAY	122	1JUL95	
ACCESS TO LEFT SIDE OF SADDLE DAM	122	1JUL95	
PERM ACCESS TO D/S DIVERSION PORTAL	481	1JUL95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS LT BNK-SEGM 7- 5; L=1280FT	30	28AUG95	
CONSTR RDS LT BNK-SEGM 7-41; L=9235FT	342	28AUG95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS LT BNK-SEGM 6-38; L= 970FT	12	3OCT95	
CONSTR RDS LT BNK-SEGM 38-43; L= 500FT	6	17OCT95	
CONSTR RDS LT BNK-SEGM 38-35; L=2200FT	36	17OCT95	XXXXX
CONSTR RDS LT BNK-SEGM 43-39; L= 300FT	6	24OCT95	
CONSTR RDS LT BNK-SEGM 43-40; L= 300FT	6	24OCT95	
DIVERSN ABV GRND U/S PORT-EXCAVATION	40	21AUG95	
DIVERSION WORKS COMPLETE	360	20AUG95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
DIVERSN ABV GRND U/S PORT-TRANS CONC	24	18DEC95	XXXXXXXXXXXXXXXXXXXXXX
DIVERSN ABV GRND U/S PORT-GATE STRUCT	54	30JAN96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
DIVERSN ABV GRND U/S PORT-GATES&HOISTS	110	3APR96	XXXXX
DIVERSN ABV GRND D/S PORT-EXCAVATION	30	1FEB96	XXXXXXXXXXXXXXXXXXX
DIVERSN ABV GRND D/S PORT-CONC&GUIDES	48	14MAR96	XXXXXXXXXXXXXXX
DIVERSN BLV GRND U/S-TUNL HEADING 1200FT	60	7OCT95	XXXXXXXXXXXXXX
DIVERSN BLV GRND U/S -CURB CONC	12	18DEC95	XXXXXXXXXXXXXXX
DIVERSN BLV GRND U/S-LINING CONC 1200FT	30	16JAN96	XXXXXXXXXXXXXXXXXXX
DIVERSN BLV GRND U/S-FLOOR CONC 1200FT	15	21FEB96	XXXXXXXXX
DIVERSN BLV GRND D/S-TUNL HEADING 100FT	5	8MAR96	XXXX
DIVERSN BLV GRND D/S -CURB CONC	12	14MAR96	XXXXXXXX
DIVERSN BLV GRND D/S-LINING CONC 100FT	3	28MAR96	XX
DIVERNS BLV GRND D/S-FLOOR CONC 100FT	2	1APR96	XX
DIVERSN PLUG-CLOSE U/S GATES	6	1FEB	
DIVERSION WORKS PLUGGED	80	1FEB	
DIVERSN PLUG - CLOSE U/S STOPLOGS	6	8FEB	
DIVERSN PLUG - CONC PLUG	36	15FEB	
DIVERSN PLUG - GROUT	18	29MAR	
DIVERN-REMOVE U/S GATES & GATE STRUCTURE	25	29MAR	
COFFERDAMS-PLACE U/S-ROCK CLOSURE DAM	24	3SEP96	
TO EL915 Q=41900CY	12	3SEP96	
UPSTREAM COFFERDAM	108	1SEP96	
COFFERDAM	138	1SEP96	
COFFERDAMS-PLACE U/S-GROUTING	60	1OCT96	
COFFERDAMS-PLACE U/S-COMPL C/D Q=36900CY	6	11DEC96	
COFFERDAMS-DEWATER	6	10JAN97	
COFFERDAMS-PLACE D/S-CLOS DAM Q=47000CY	13	1OCT96	

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C P M SCHEDULE TIME NOW 1JUL95

RFBI02R BI-WEEKLY BARCHART PART B

RUNDATE: 12-OCT-82 11:49:14 SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START	95 NOV DEC 96 JAN FEB MAR APR 2222230000111112222230000011111222223000011111222220000011111222223000001 0246802468024680246801357913579135791246802468024681357913579135791 24680
DOWNSTREAM COFFERDAM	101	1OCT96	
COFFERDAMS-PLACE D/S-RIPRAP Q= 1650CY	6	16OCT96	
COFFERDAMS-PLACE D/S-GROUTING	60	16OCT96	
COFFERDAMS-REMOVE D/S ONLY-FLOOD	6	26APR99	
REMOVE D/S COFFERDAM	24	26APR99	
COFFERDAMS-REMOVE D/S ONLY-REM Q=42000CY	15	3MAY99	
MN DAM EXC RT BANK-THRUST BLOCK	4	25JAN96	XXX
MAIN DAM-RIGHT ABUTMENT -EXCAVATION	386	30JAN96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
MAIN DAM-RIGHT THRUST BLOCK -CONCRETE	275	30JAN96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
MN DAM EXC RT BANK-EL.1300 - EL.1350	4	18DEC96	
MN DAM EXC RT BANK-EL.1200 - EL.1300	6	7JAN97	
MN DAM EXC RT BANK-EL.1100 - EL.1200	9	14JAN97	
MN DAM EXC RT BANK-EL.1000 - EL.1100	10	24JAN97	
MN DAM EXC RT BANK-EL. 900 - EL.1000	11	5FEB97	
MN DAM EXC RVR BED-EXC U/S ALLUVIUM	12	17JAN97	
MN DAM EXC RVR BED-U/S CONSOLID GROUTING	15	31JAN97	
-TO EL.900 L=24700FT	15	31JAN97	
MN DAM EXC RVR BED-U/S CONSOL GROUT COMP	80	24JUL97	
L=65000FT	80	24JUL97	
MN DAM EXC RVR BED-REMOVE ABUTM MAT'L	20	24FEB97	
MAIN DAM-RIVER EXCAVATION	48	23FEB97	
MN DAM EXC RVR BED-REM ALLUV EL820-EL900	12	19MAR97	
MN DAM EXC RVR BED-EXCAV KEYWAY	7	2APR97	
MN DAM EXC RVR BED-EXC D/S ALLUVIUM	12	17JAN97	
MN DAM EXC RVR BED-D/S CONSOLID GROUTING	15	31JAN97	
-TO EL.900 L=22230FT	15	31JAN97	
MN DAM EXC RVR BED-D/S CONSOL GROUT COMP	80	24JUL97	
L=65000FT	80	24JUL97	
MN DAM EXC LT BANK-THRUST BLOCK	9	21AUG95	
MAIN DAM-LEFT ABUTMENT -EXCAVATION	542	31AUG95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
MAIN DAM-LEFT THRUST BLOCK -CONCRETE	315	31AUG95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
MN DAM EXC LT BANK-EL.1300 - EL.1350	4	18DEC96	
MN DAM EXC LT BANK-EL.1200 - EL.1300	10	7JAN97	
MN DAM EXC LT BANK-EL.1100 - EL.1200	11	18JAN97	
MN DAM EXC LT BANK-EL.1000 - EL.1100	10	31JAN97	
MN DAM EXC LT BANK-EL. 900 - EL.1000	9	12FEB97	
MD DAM CONC-RT BNK-THRUST BLOCK	156	29APR96	
MD DAM CONC-RT BNK-BLCK 14 EL1310-EL1350	58	28APR97	
MAIN DAM-RIGHT HALF -CONCRETE	1621	28APR97	
MD DAM CONC-RT BNK-BLCK 14 EL1350-EL1463	259	8JUL97	
MD DAM CONC-RT BNK-BLCK 13 EL1266-EL1310	65	28APR97	
MD DAM CONC-RT BNK-BLCK 13 EL1310-EL1463	314	16JUL97	
MD DAM CONC-RT BNK-BLCK 12 EL1226-EL1266	58	28APR97	
MD DAM CONC-RT BNK-BLCK 12 EL1266-EL1463	376	8JUL97	
MD DAM CONC-RT BNK-BLCK 11 EL1186-EL1226	58	28APR97	
MD DAM CONC-RT BNK-BLCK 11 EL1226-EL1463	531	8JUL97	
MD DAM CONC-RT BNK-BLCK 10 EL1148-EL1186	58	28APR97	

C P M SCHEDULE

TIME NOW 1JUL95

BFBI02B BI-WEEKLY BARCHART PART B

RUNDATE: 12-OCT-82 11:49:14 SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START	95 NOV DEC 96 JAN FEB MAR APR 22222300001111122222300000111112222230000111112222200000111112222300001 02468024680246802468013579135791357912468024680246813579135791357912468O
MD DAM CONC-RT BNK-BLCK 10 EL1186-EL1463	586	8JUL97	
MD DAM CONC-RT BNK-BLCK 9 EL1110-EL1148	58	28APR97	
MD DAM CONC-RT BNK-BLCK 9 EL1148-EL1463	635	8JUL97	
MD DAM CONC-RT BNK-BLCK 8 EL1078-EL1110	50	28APR97	
MD DAM CONC-RT BNK-BLCK 8 EL1110-EL1463	690	26JUN97	
MD DAM CONC-RT BNK-BLCK 7 EL1046-EL1078	50	28APR97	
MD DAM CONC-RT BNK-BLCK 7 EL1078-EL1463	731	26JUN97	
MD DAM CONC-RT BNK-BLCK 6 EL1014-EL1046	50	28APR97	
MD DAM CONC-RT BNK-BLCK 6 EL1046-EL1463	877	26JUN97	
MD DAM CONC-RT BNK-BLCK 5 EL 968-EL1014	72	28APR97	
MD DAM CONC-RT BNK-BLCK 5 EL1014-EL1463	918	24JUL97	
MD DAM CONC-RT BNK-BLCK 4 EL 916-EL 968	79	28APR97	
MD DAM CONC-RT BNK-BLCK 4 EL 968-EL1463	980	1AUG97	
MD DAM CONC-RT BNK-BLCK 3 EL 869-EL 916	72	28APR97	
MD DAM CONC-RT BNK-BLCK 3 EL 916-EL1463	1153	24JUL97	
MD DAM CONC-RT BNK-BLCK 2 EL 820-EL 869	72	28APR97	
MD DAM CONC-RT BNK-BLCK 2 EL 869-EL1463	1215	24JUL97	
MD DAM CONC-RT BNK-BLCK 1 EL 820-EL1463	1284	27MAY97	
START LAG	24	28APR97	
MD DAM CONC-LT BNK-BLCK 1 EL 820-EL1463	1288	28APR97	
MD DAM CONC-LT BNK-BLCK 2 EL 820-EL 867	72	28APR97	
MD DAM CONC-LT BNK-BLCK 2 EL 867-EL1463	1222	24JUL97	
MD DAM CONC-LT BNK-BLCK 3 EL 867-EL 919	79	28APR97	
MD DAM CONC-LT BNK-BLCK 3 EL 919-EL1463	1146	1AUG97	
MD DAM CONC-LT BNK-BLCK 4 EL 919-EL 981	94	28APR97	
MD DAM CONC-LT BNK-BLCK 4 EL 981-EL1463	966	19AUG97	
MD DAM CONC-LT BNK-BLCK 5 EL 981-EL1034	79	28APR97	
MD DAM CONC-LT BNK-BLCK 5 EL1034-EL1463	890	1AUG97	
MD DAM CONC-LT BNK-BLCK 6 EL1034-EL1083	72	28APR97	
MD DAM CONC-LT BNK-BLCK 6 EL1083-EL1463	821	24JUL97	
MD DAM CONC-LT BNK-BLCK 7 EL1083-EL1135	79	28APR97	
MD DAM CONC-LT BNK-BLCK 7 EL1135-EL1463	655	1AUG97	
MD DAM CONC-LT BNK-BLCK 8 EL1135-EL1187	79	28APR97	
MD DAM CONC-LT BNK-BLCK 8 EL1187-EL1463	586	1AUG97	
MD DAM CONC-LT BNK-BLCK 9 EL1187-EL1247	86	28APR97	
MD DAM CONC-LT BNK-BLCK 9 EL1247-EL1463	404	9AUG97	
MD DAM CONC-LT BNK-BLCK 10 EL1247-EL1303	86	28APR97	
MD DAM CONC-LT BNK-BLCK 10 EL1303-EL1463	321	9AUG97	
MD DAM CONC-LT BNK-BLCK 11 EL1303-EL1340	48	28APR97	
MD DAM CONC-LT BNK-BLCK 11 EL1340-EL1463	272	24JUN97	
MAIN DAM-LEFT HALF -CONCRETE	1598	28APR97	
MD DAM CONC-LT BNK-BLCK 12 EL1340-EL1350	14	28APR97	
MD DAM CONC-LT BNK-BLCK 12 EL1350-EL1463	159	14MAY97	
MD DAM CONC-LT BNK-THRUST BLOCK	250	31AUG95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
MD DRN&GRT-LT BNK-SHAFT-L= 55FT	15	18MAR96	XXXXXXXX
MN DM DRAIN&GROUT-SHAFTS & GALL-LEFT BNK	425	18MAR96	XXXXXXXXXXXX
MD DRN&GRT-LT BNK-SHAFT-L=110FT	10	4APR96	XXXX

BFBI02B BI-WEEKLY BARCHART PART B
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DESCRIPTION	DUR WEEKS	SCHED START	95 NOV DEC / 96 JAN FEB MAR APR 22222300001111122222300000111112222230000111112222200000111112222230000 02468024680246802468013579135791357912468024680246813579135791357912468
MD DRN&GRT-LT BNK-SHAFT-L=120FT	10	18APR96	
MD DRN&GRT-LT BNK-ACC TNL-EL1190-L=195FT	15	15APR96	
MD DRN&GRT-LT BNK-ACC TNL-EL1190-CON SLB	6	9MAY96	
MD DRN&GRT-LT BNK-ACC TNL-EL1070-L=190FT	12	1APR96	XXXXXX
MD DRN&GRT-LT BNK-ACC TNL-EL1070-CON SLB	5	1JUN96	
MD DRN&GRT-LT BNK-ACC TNL-EL 900-L=170FT	11	18MAR96	XXXXXXX
MD DRN&GRT-LT BNK-ACC TNL-EL 900-CON SLB	5	26APR96	
MD DRN&GRT-LT BNK-GALLERS-EL1190-L=315FT	20	4APR96	XXXX
MD DRN&GRT-LT BNK-GALLERS-EL1190-CON SLB	8	30APR96	
MD DRN&GRT-LT BNK-GALLFRS-EL1190-DRAIN	30	9MAY96	
MD DRN&GRT-LT BNK-GALLERS-EL1190-GROUT	30	9MAY96	
MD DRN&GRT-LT BNK-GALLFRS-EL1070-L=470FT	25	18APR96	
MD DRN&GRT-LT BNK-GALLERS-EL1070-CON SLB	12	17MAY96	
MD DRN&GRT-LT BNK-GALLERS-EL1070-GROUT	45	1JUN96	
MD DRN&GRT-LT BNK-GALLERS-EL1070-DRAIN	45	1JUN96	
MD DRN&GRT-LT BNK-GALLERS-EL 960-L=475FT	25	30APR96	
MD DRN&GRT-LT BNK-GALLERS-EL 960-CON SLB	12	30MAY96	
MD DRN&GRT-LT BNK-GALLERS-EL 960-GROUT	45	13JUN96	
MD DRN&GRT-LT BNK-GALLERS-EL 960-DRAIN	45	13JUN96	
MD DRN&GRT-LT BNK-GALLERS-EL 900-L=225FT	15	30MAR96	XXXXXXX
MD DRN&GRT-LT BNK-GALLERS-EL 900-CON SLB	6	19APR96	
MD DRN&GRT-LT BNK-GALLERS-EL 900-GROUT	25	26APR96	
MD DRN&GRT-LT BNK-GALLERS-EL 900-DRAIN	25	26APR96	
MD DRN&GRT-LT BNK-GALLERS-EL 820-L=175FT	12	2APR97	
MD DRN&GRT-LT BNK-GALLERS-EL 820-CON SLB	5	18APR97	
MD DRN&GRT-LT BNK-GALLERS-EL 820-GROUT	20	24APR97	
MD DRN&GRT-LT BNK-GALLERS-EL 820-DRAIN	20	24APR97	
MD DRN&GRT-RT BNK-ACC TNL-EL1240-L=135FT	10	21NOV96	
MD DRN&GRT-RT BNK-ACC TNL-EL1240-CON SLB	4	4FEB97	
MD DRN&GRT-RT BNK-ACC TNL-EL1070-L=170FT	15	9NOV96	
MD DRN&GRT-RT BNK-ACC TNL-EL1070-CON SLB	5	16JAN97	
MD DRN&GRT-RT BNK-ACC TNL-EL 900-L=190FT	15	15FEB97	
MD DRN&GRT-RT BNK-ACC TNL-EL 900-CON SLB	5	27MAR97	
MD DRN&GRT-RT BNK-GALLERS-EL1370-L=280FT	30	18MAR96	XXXXXXXXXXXXX
MN DM DRAIN&GROUT-GALLERIES -RIGHT BANK	467	18MAR96	XXXXXXXXXXXXX
MD DRN&GRT-RT BNK-GALLERS-EL1370-CON SLB	7	24APR96	
MD DRN&GRT-RT BNK-GALLERS-EL1370-GROUT	30	2MAY96	
MD DRN&GRT-RT BNK-GALLERS-FL1370-DRAIN	30	2MAY96	
MD DRN&GRT-RT BNK-GALLERS-EL1240-L=180FT	35	4DEC96	
MD DRN&GRT-RT BNK-GALLERS-EL1240-CON SLB	5	29JAN97	
MD DRN&GRT-RT BNK-GALLERS-EL1240-GROUT	20	4FEB97	
MD DRN&GRT-RT BNK-GALLERS-EL1240-DRAIN	20	4FEB97	
MD DRN&GRT-RT BNK-GALLFRS-EL1070-L=350FT	20	27NOV96	
MD DRN&GRT-RT BNK-GALLERS-EL1070-CON SLB	9	6JAN97	
MD DRN&GRT-RT BNK-GALLERS-EL1070-GROUT	35	16JAN97	
MD DRN&GRT-RT BNK-GALLFRS-EL1070-DRAIN	35	16JAN97	
MD DRN&GRT-RT BNK-GALLERS-EL 960-L=500FT	25	14MAR97	

BFB102B BI-WEEKLY BARCHART PART B
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DESCRIPTION	DUR WEEKS	SCHED START	95 NOV DEC 96 JAN FEB MAR. APR 2222230000111112222230000011111222223000011111222220000011111222223000001 0246802468024680246801357913579135791246802468024681357913579135791246 80
MD DRN&GRT-RT BNK-GALLERS-EL 960-CON SLB	13	15APR97	
MD DRN&GRT-RT BNK-GALLERS-EL 960-GROUT	50	30APR97	
MD DRN&GRT-RT BNK-GALLERS-EL 960-DRAIN	50	30APR97	
MD DRN&GRT-RT BNK-GALLERS-EL 900-L= 80FT	7	6MAR97	
MD DRN&GRT-RT BNK-GALLERS-EL 900-L=185FT	6	14MAR97	
MD DRN&GRT-RT BNK-GALLERS-EL 900-CON SLB	5	21MAR97	
MD DRN&GRT-RT BNK-GALLERS-EL 900-GROUT	20	27MAR97	
MD DRN&GRT-RT BNK-GALLERS-EL 900-DRAIN	20	27MAR97	
MD DRN&GRT-RT BNK-GALLERS-EL 820-L=140FT	10	2APR97	
MD DRN&GRT-RT BNK-GALLERS-EL 820-CON SLB	4	16APR97	
MD DRN&GRT-RT BNK-GALLERS-EL 820-DRAIN	15	21APR97	
MD DRN&GRT-RT BNK-GALLERS-EL 820-GROUT	15	21APR97	
SADDLE DAM-GALLERY-HORIZ TUNNEL L=590FT	40	17FEB98	
SADDLE DAM-DRAIN&GROUT-SHAFTS & GALL	145	16FEB98	
SADDLE DAM-GALLERY-CONC SLAB	10	7APR98	
SADDLE DAM-GALLERY-GROUTING	55	18APR98	
SADDLE DAM-GALLERY-DRAINAGE	55	18APR98	
SADDLE DAM-GALLERY-INCL TUNNEL L=540FT	45	17FEB98	
SADDLE DAM-GALLERY-CONC SLAB	15	13APR98	
SADDLE DAM-GALLERY-GROUTING	60	30APR98	
SADDLE DAM-GALLERY-DRAINAGE	60	30APR98	
SADDLE DAM-DM EL1215-1300-DRAIN LAKE	30	26OCT98	
SADDLE DAM-DRAIN AREA & EXCAV	128	26OCT98	
SADDLE DAM-DM EL1215-1300-EXC OVERBURDEN	40	1DEC98	
SADDLE DAM-DM EL1215-1300-EXC ROCK TRENC	25	1FEB99	
SADDLE DAM-DM EL1215-1300-CONSOL GROUT	40	3MAY99	
SADDLE DAM-FOUND PREP & FILL	368	3MAY99	
SADDLE DAM-DM EL1215-1300-FILL	40	19JUN99	
SADDLE DAM-DM EL1300-1470-EXC OVRBURDEN	15	26OCT98	
SADDLE DAM-DM EL1300-1470-EXC ROCK TRENC	45	12NOV98	
SADDLE DAM-DM EL1300-1470-CONSOL GROUT	35	3MAY99	
SADDLE DAM-DM EL1300-1470-FILL	217	6AUG99	
INT&PF-INT APPR CHN&STRUC-EXC Q=300600CY	134	5MAY97	
INT&PF-INT APPR CHN&STRUC-CONC BLOCK A	168	29MAY98	
INTAKE-START CONCRETE	200	29MAY98	
INT&PF-INT APPR CHN&STRUC-GUIDES 1	25	15DEC98	
INTAKE-FINISH CONCRETE	163	15DEC98	
INTAKE-START GUIDES GATES & HOISTS	224	15DEC98	
INT&PF-INT APPR CHN&STRUC-GATES 1	25	28JAN99	
INT&PF-INT APPR CHN&STRUC-TOWERS 1	25	27FEB99	
INT&PF-INT APPR CHN&STRUC-HOISTS 1	25	29MAR99	
INT&PF-INT APPR CHN&STRUC-START LAG	24	29MAY98	
INT&PF-INT APPR CHN&STRUC-CONC BLOCK B	268	26JUN98	
INT&PF-INT APPR CHN&STRUC-GUIDES 2	25	27MAY99	
INT&PF-INT APPR CHN&STRUC-GATES 2	25	26JUN99	
INT&PF-INT APPR CHN&STRUC-TOWERS 2	25	27JUL99	
INT&PF-INT APPR CHN&STRUC-HOISTS 2	25	25AUG99	

C P M SCHEDULE TIME NOW 1JUL95

BFBI02B BI-WEEKLY BARCHART PART B

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INT&PF-INT APPR CHN&STRUC-CONC BLOCK C	168	29MAY98	
INT&PF-INT APPR CHN&STRUC-GUIDES 3	25	26JUN99	
INT&PF-INT APPR CHN&STRUC-GATES 3	25	27JUL99	
INT&PF-INT APPR CHN&STRUC-TOWERS 3	25	25AUG99	
INT&PF-INT APPR CHN&STRUC-HOISTS 3	25	24SEP99	
INT&PF-INT APPR CHN&STRUC-START LAG	24	29MAY98	
INT&PF-INT APPR CHN&STRUC-CONC BLOCK D	268	26JUN98	
INT&PF-INT APPR CHN&STRUC-GUIDES 4	25	27JUL99	
INTAKE-FINISH GUIDES GATES & HOISTS	117	27JUL99	
INT&PF-INT APPR CHN&STRUC-GATES 4	25	25AUG99	
INT&PF-INT APPR CHN&STRUC-TOWERS 4	25	24SEP99	
INT&PF-INT APPR CHN&STRUC-HOISTS 4	25	23OCT99	
INT&PF-PENSTOCKS-EXCAV Q= 55100CY	174	17OCT97	
PENSTOCKS -EXCAVATION	224	17OCT97	
INT&PF-PENSTOCKS-CONCRETE	475	29MAY98	
PENSTOCKS -LININGS	715	29MAY98	
INT&PF-PENSTOCKS-LINING	100	14JAN	
INT&PF-PENSTOCKS-EXC PNSTK ADIT L=1000FT	60	7AUG97	
TRANSFORMER GALLERY -EXCAVATION	14	17OCT97	
INT&PF-PH ACC-PORTAL	45	26SEP96	
POWERHOUSE-ACCESS TUNNELS	344	26SEP96	
INT&PF-PH ACC-TNL S/W TK-OFF L=1000FT	60	18NOV96	
INT&PF-PH ACC-TNL PNSTK ADIT L=2400FT	145	12FEB97	
INT&PF-PH ACC-TUNNEL UNDER S/W L= 560FT	35	12FEB97	
INT&PF-PH ACC-TUNNEL TO TRANSFORMER	12	7AUG97	
GALLERY TAKE-OFF L= 200FT	12	7AUG97	
INT&PF-PH ACC-TNL TO SC TK-OFF L= 500FT	3	21AUG97	
INT&PF-PH ACC-TNL TO PH VLT L= 150FT	9	25AUG97	
INT&PF-PH ACC-TNL TO TRANS GALL L= 250FT	15	21AUG97	
INT&PF-PH ACC-TNL TO SURGE CHAM L= 200FT	15	25AUG97	
INT&PF-PH VLT-EXC UPPER VAULT Q= 60000CY	125	5SEP97	
POWERHOUSE-EXCAVATION -START	246	5SEP97	
INT&PF-PH VLT-ST EXC SUBSTRUC Q= 20000CY	45	16MAR98	
INT&PF-PH VLT-FN EXC SUBSTRUC Q= 15000CY	35	9MAY98	
POWERHOUSE-EXCAVATION-FINISH	42	9MAY98	
INT&PF-PH VLT-CONC SERVICE BAY	108	9MAY98	
POWERHOUSE-SUBSTRUCTURE CONC -START	360	9MAY98	
INT&PF-PH VLT-INSTALL PH CRANE	36	16SEP98	
INT&PF-PH VLT-START 1ST STAGE CONC UNIT1	96	16SEP98	
INT&PF-PH VLT-FINIS 1ST STAGE CONC UNIT1	84	22JAN99	
POWERHOUSE-2ND STAGE CONCRETE-START	192	4MAY99	
POWERHOUSE-SUBSTRUCTURE CONC -CONTINUE	14	4MAY99	
TURBINE EMBEDDED PARTS-START	358	4MAY99	
INT&PF-PH VLT- 2ST STAGE CONC UNIT1	72	19AUG99	
POWERHOUSE 2ND STAGE CONC-CONT	273	12NOV99	
INT&PF-PH VLT-START 1ST STAGE CONC UNIT2	96	22JAN99	
INT&PF-PH VLT-FINIS 1ST STAGE CONC UNIT2	84	18MAY99	

BFB102B BI-WEEKLY BARCHART PART B
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95 NOV DEC — 96 JAN FEB MAR APR

2222230000111112222230000011111222223000011111222220000011111222222300001
0246802468024680246801357913579135791246802468024681357913579135791246 80

D E S C R I P T I O N	DUR WEEKS	SCHED START
INT&PF-PH VLT- 2ST STAGE CONC UNIT2	72	11DEC99
INT&PF-PH VLT-START 1ST STAGE CONC UNIT3	96	18MAY99
POWERHOUSE-SUBSTRUCTURE CONC -FINISH	344	18MAY99
INT&PF-PH VLT-FIN 1ST STAGE CONC UNIT3	84	10SEP99
INT&PF-PH VLT- 2ND STAGE CONC UNIT3	72	19APR
INT&PF-PH VLT-START 1ST STAGE CONC UNIT4	96	10SEP99
INT&PF-PH VLT-FIN 1ST STAGE CONC UNIT4	84	15JAN
INT&PF-PH VLT- 2ND STAGE CONC UNIT4	72	11AUG
INT&PF-TRF GALL-EXC Q=22000CY	45	9SEP97
INT&PF-TRF GALL-CONC	84	31OCT97
TRANSF GALL & CABLE SHAFTS -CONC	405	31OCT97
INT&PF-TRF GALL-INST TRF GALL EQUIP	150	24FEB98
INT&PF-TRF GALL-EXC BUS TUNNEL Q= 5340CY	55	31OCT97
INT&PF-TRF GALL-CONC BUS TUNNELS	20	20JAN98
INT&PF-TRF GALL-INST BUS TUNNEL EQUIP	100	12FEB98
INT&PF-TRF GALL-EXC CABLE SHFT Q= 3000CY	60	15JUN98
INT&PF-TRF GALL-LINING CABLE SHAFTS	90	25AUG98
INT&PF-TRF GALL-INST CABLE SHAFT EQUIP	100	10DEC98
INT&PF-SRG CHBR-EXC UPPER PART Q=90000CY	95	12SEP97
SURGE CHAMBER -EXCAVATION	233	12SEP97
INT&PF-SRG CHBR-ST EXC LWR PRT Q=30000CY	35	2FEB98
INT&PF-SRG CHBR-FN EXC LWR PRT Q=35000CY	40	16MAR98
INT&PF-SRG CHBR-CONCRETE	90	4MAY98
SURGE CHAMBER -CONC & GATES	301	3MAY98
TAILRACE TUNNEL -LINING	215	3MAY98
INT&PF-SRG CHBR-GATES	150	19AUG98
INT&PF-TR TUNNL-PORTAL DEVELOPMENT	30	17OCT96
TAILRACE TUNNEL -EXCAVATION	472	17OCT96
INT&PF-TR TUNNL-TUNNELLING L= 6800FT	340	21NOV96
INT&PF-TR TUNNL-LINING	180	4MAY98
GEN EQUIP -TURB U-1 -INST EMB PARTS	90	4MAY99
TURBINES & GENERATORS-START	443	19AUG99
GEN EQUIP -TURB U-1 -INST REM PARTS	288	12NOV99
TURBINES & GENERATORS-CONTINUE		4NOV
GEN EQUIP -TURB U-2 -INST EMB PARTS	90	26AUG99
GEN EQUIP -TURB U-2 -INST REM PARTS	288	20MAR
GEN EQUIP -TURB U-3 -INST EMB PARTS	90	18DEC99
GEN EQUIP -TURB U-3 -INST REM PARTS	288	14JUL
TURBINE EMBEDDED PARTS FINISH	107	26APR
GEN EQUIP -TURB U-4 -INST EMB PARTS	90	26APR
POWERHOUSE 2ND STAGE CONC-FIN	85	11AUG
GEN EQUIP -TURB U-4 -INST REM PARTS	288	4NOV
TURBINES & GENERATORS-FINISH	358	4NOV
GEN EQUIP -GENERATOR U-1 -INSTALL	288	12NOV99
GEN EQUIP -TEST & COMMISSION -U1	30	4NOV
TURBINES & GENERATORS-TEST&COMMISSION	395	4NOV
GEN EQUIP -GENERATOR U-2 -INSTALL	288	20MAR

BFB102B BI-WEEKLY BARCHART PART B
RUNDATE: 12-OCT-82 11:49:14 SORTED BY: AC CN

95 NOV DEC 96 JAN FEB MAR APR
2222230000111112222230000011111222223000011111222220000011111222222300001
024680246802468024680135791357913579124680246802468135791357913579124680

DESCRIPTION	DUR WEEKS	SCHED START
GEN EQUIP -TEST & COMMISSION -U2	30	13MAR 1
GEN EQUIP -GENERATOR U-3 -INSTALL	288	14JUL
GEN EQUIP -TEST & COMMISSION -U3	30	7JUL 1
GEN EQUIP -GENERATOR U-4 -INSTALL	288	4NOV
GEN EQUIP -TEST & COMMISSION -U4	30	29OCT 1
CHUTE S/W HDWK-APP CHN-ST EXC Q= 73100CY	20	12AUG96
CHUTE S/W HDWK-APP CHN-CN EXC Q= 29100CY	15	5SEP96
CHUTE S/W HDWK-APP CHN-FN EXC Q= 38800CY	20	23SEP96
CHUTE S/W HDWK-STRUCT -ST EXC Q= 62300CY	25	12AUG96
CHUTE S/W HDWK-STRUCT -CN EXC Q= 30600CY	20	11SEP96
CHUTE SPILLWAY-CHUTE&FLIP-EXC -START	253	11SEP96
CHUTE S/W HDWK-STRUCT -CN EXC Q= 20400CY	15	9SEP97
CHUTE S/W HDWK-STRUCT -FN EXC Q= 10200CY	10	26SEP97
CHUTE S/W HDWK-STRUCT-DRAIN TUNN L=140FT	20	8OCT97
CHUTE SPILLWAY-HEADWORKS-CONCRETE-START	167	31OCT97
CHUTE S/W HDWK-BLK A -CONC Q= 29600CY	126	31OCT97
CHUTE SPILLWAY-HEADWORKS-CONCRETE-FINISH	43	16APR98
CHUTE S/W HDWK-BLK A -GUIDES 1	25	16APR98
CHT S/W-GUIDES,GATES,TOWER & HSTS-START	43	16APR98
CHUTE S/W HDWK-BLK A -GATE 1	25	15MAY98
CHUTE S/W HDWK-BLK A -TOWERS 1	25	15JUN98
CHUTE S/W HDWK-BLK A -HOISTS 1	25	15JUL98
CHUTE S/W HDWK-BLK B -START LAG	36	31OCT97
CHUTE S/W HDWK-BLK B -CONC Q= 29600CY	126	13DEC97
CHUTE S/W HDWK-BLK B -GUIDES 2	25	29MAY98
CHT S/W-GUIDES,GATES,TOWER & HSTS-FINISH	148	29MAY98
CHUTE S/W HDWK-BLK B -GATE 2	25	27JUN98
CHUTE S/W HDWK-BLK B -TOWERS 2	25	28JUL98
CHUTE S/W HDWK-BLK B -HOISTS 2	25	26AUG98
CHUTE S/W HDWK-BLK C -CONC Q= 29600CY	126	31OCT97
CHUTE S/W HDWK-BLK C -GUIDES 3	25	27JUN98
CHUTE S/W HDWK-BLK C -GATE 3	25	28JUL98
CHUTE S/W HDWK-BLK C -TOWERS 3	25	26AUG98
CHUTE S/W HDWK-BLK C -HOISTS 3	25	25SEP98
CHUTE S/W CHT DRN TNL-INCL UND CHT L=695	170	26JAN98
CHUTE S/W CHT DRN TNL-HORZ UND FLP L=250	45	26JAN98
CHUTE S/W CHT DRN TNL-HORZ UND CHT L= 80	14	18AUG98
CHUTE S/W-CHUTE-SECT 20 -EXC Q= 31480CY	15	5MAY97
CHUTE SPILLWAY-CHUTE&FLIP-EXC -FINISH	482	22MAY97
CHUTE S/W-CHUTE-SECT 20 -ANCHORS & DRAIN	10	3SEP98
CHUTE S/W-CHUTE-SECT 20 -CONC Q= 1890CY	78	16SEP98
CHUTE SPILLWAY-CHUTE&FLIP-CONC -START		16SEP98
CHUTE S/W-CHUTE-SECT 19 -EXC Q= 31480CY	15	22MAY97
CHUTE S/W-CHUTE-SECT 19 -ANCHORS & DRAIN	10	16SEP98
CHUTE S/W-CHUTE-SECT 19 -START LAG	24	9OCT98
CHUTE S/W-CHUTE-SECT 19 -CONC Q= 1890CY	178	6NOV98
CHUTE S/W-CHUTE-SECT 18 -EXC Q= 31480CY	15	10JUN97

BFB102B BI-WEEKLY BARCHART PART B
RUNDATE: 12-OCT-82 11:49:14 SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START	95 NOV DEC 96 JAN FEB MAR APR
			2222230000111112222230000011111222223000011111222220000011111222223000001
			024680246802468024680135791357913579124680246802468135791357913579124680
CHUTE S/W-CHUTE-SECT 18 -ANCHORS & DRAIN	10	28SEP98	
CHUTE S/W-CHUTE-SECT 18 -CONC Q= 1890CY	178	9OCT98	
CHUTE S/W-CHUTE-SECT 17 -EXC Q= 31480CY	15	27JUN97	
CHUTE S/W-CHUTE-SECT 17 -ANCHORS & DRAIN	10	9OCT98	
CHUTE S/W-CHUTE-SECT 17 -START LAG	24	2NOV98	
CHUTE S/W-CHUTE-SECT 17 -CONC Q= 1890CY	178	1DEC98	
CHUTE S/W-CHUTE-SECT 16 -EXC Q= 31480CY	15	17JUL97	
CHUTE S/W-CHUTE-SECT 16 -ANCHORS & DRAIN	10	21OCT98	
CHUTE S/W-CHUTE-SECT 16 -CONC Q= 1890CY	178	2NOV98	
CHUTE S/W-CHUTE-SECT 15 -EXC Q= 31480CY	15	4AUG97	
CHUTE S/W-CHUTE-SECT 15 -ANCHORS & DRAIN	10	2NOV98	
CHUTE S/W-CHUTE-SECT 15 -START LAG	24	24MAY99	
CHUTE S/W-CHUTE-SECT 15 -CONC Q= 1890CY	78	22JUN99	
CHUTE S/W-CHUTE-SECT 14 -EXC Q= 31480CY	15	21AUG97	
CHUTE S/W-CHUTE-SECT 14 -ANCHORS & DRAIN	10	13NOV98	
CHUTE S/W-CHUTE-SECT 14 -START LAG	24	26APR99	
CHUTE S/W-CHUTE-SECT 14 -CONC Q= 1890CY	78	24MAY99	
CHUTE S/W-CHUTE-SECT 13 -EXC Q= 31480CY	15	9SEP97	
CHUTE S/W-CHUTE-SECT 13 -ANCHORS & DRAIN	10	25NOV98	
CHUTE S/W-CHUTE-SECT 13 -START LAG	24	24MAY99	
CHUTE S/W-CHUTE-SECT 13 -CONC Q= 1890CY	78	22JUN99	
CHUTE S/W-CHUTE-SECT 12 -EXC Q= 31480CY	15	26SEP97	
CHUTE S/W-CHUTE-SECT 12 -ANCHORS & DRAIN	10	8DEC98	
CHUTE S/W-CHUTE-SECT 12 -CONC Q= 1890CY	78	24MAY99	
CHUTE S/W-CHUTE-SECT 11 -EXC Q= 31480CY	15	14OCT97	
CHUTE S/W-CHUTE-SECT 11 -ANCHORS & DRAIN	10	4JAN99	
CHUTE S/W-CHUTE-SECT 11 -START LAG	24	24MAY99	
CHUTE S/W-CHUTE-SECT 11 -CONC Q= 1890CY	78	22JUN99	
CHUTE S/W-CHUTE-SECT 10 -EXC Q= 31480CY	15	31OCT97	
CHUTE S/W-CHUTE-SECT 10 -ANCHORS & DRAIN	10	15JAN99	
CHUTE S/W-CHUTE-SECT 10 -CONC Q= 1890CY	78	24MAY99	
CHUTE S/W-CHUTE-SECT 9 -EXC Q= 31480CY	15	18NOV97	
CHUTE S/W-CHUTE-SECT 9 -ANCHORS & DRAIN	10	27JAN99	
CHUTE S/W-CHUTE-SECT 9 -START LAG	24	22JUN99	
CHUTE S/W-CHUTE-SECT 9 -CONC Q= 1890CY	78	21JUL99	
CHUTE S/W-CHUTE-SECT 8 -EXC Q= 31480CY	15	5DEC97	
CHUTE S/W-CHUTE-SECT 8 -ANCHORS & DRAIN	10	8FEB99	
CHUTE S/W-CHUTE-SECT 8 -START LAG	24	24MAY99	
CHUTE S/W-CHUTE-SECT 8 -CONC Q= 1890CY	78	22JUN99	
CHUTE S/W-CHUTE-SECT 7 -EXC Q= 31480CY	15	8JAN98	
CHUTE S/W-CHUTE-SECT 7 -ANCHORS & DRAIN	10	20FEB99	
CHUTE S/W-CHUTE-SECT 7 -START LAG	24	22JUN99	
CHUTE S/W-CHUTE-SECT 7 -CONC Q= 1890CY	78	21JUL99	
CHUTE S/W-CHUTE-SECT 6 -EXC Q= 31480CY	15	26JAN98	
CHUTE S/W-CHUTE-SECT 6 -ANCHORS & DRAIN	10	4MAR99	
CHUTE S/W-CHUTE-SECT 6 -START LAG	24	24MAY99	
CHUTE S/W-CHUTE-SECT 6 -CONC Q= 1890CY	78	22JUN99	

BFB102B BI-WEEKLY BARCHART PART B

RUNDATE: 12-OCT-82 11:49:14 SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START	95 NOV DEC 96 JAN FEB MAR APR 22222300001111122222300000111112222230000111112222200000111112222230000 1 0246802468024680246801357913579135791246802468024681357913579135791246 80
CHUTE S/W-CHUTE-SECT 5 -EXC Q= 31480CY	15	12FEB98	
CHUTE S/W-CHUTE-SECT 5 -ANCHORS & DRAIN	10	16MAR99	
CHUTE S/W-CHUTE-SECT 5 -START LAG	24	22JUN99	
CHUTE S/W-CHUTE-SECT 5 -CONC Q= 1890CY	78	21JUL99	
CHUTE S/W-CHUTE-SECT 4 -EXC Q= 31480CY	15	3MAR98	
CHUTE S/W-CHUTE-SECT 4 -ANCHORS & DRAIN	10	27MAR99	
CHUTE S/W-CHUTE-SECT 4 -START LAG	24	24MAY99	
CHUTE S/W-CHUTE-SECT 4 -CONC Q= 1890CY	78	22JUN99	
CHUTE S/W-CHUTE-SECT 3 -EXC Q= 31480CY	15	20MAR98	
CHUTE S/W-CHUTE-SECT 3 -ANCHORS & DRAIN	10	10APR99	
CHUTE S/W-CHUTE-SECT 3 -START LAG	24	21JUL99	
CHUTE S/W-CHUTE-SECT 3 -CONC Q= 1890CY	78	18AUG99	
CHUTE S/W-CHUTE-SECT 2 -EXC Q= 31480CY	15	9APR98	
CHUTE S/W-CHUTE-SECT 2 -ANCHORS & DRAIN	10	22APR99	
CHUTE S/W-CHUTE-SECT 2 -START LAG	24	22JUN99	
CHUTE S/W-CHUTE-SECT 2 -CONC Q= 1890CY	78	21JUL99	
CHUTE S/W-CHUTE-SECT 1 -EXC Q= 31480CY	15	27APR98	
CHUTE S/W-CHUTE-SECT 1 -ANCHORS & DRAIN	10	4MAY99	
CHUTE S/W-CHUTE-SECT 1 -START LAG	24	21JUL99	
CHUTE S/W-CHUTE-SECT 1 -CONC Q= 1890CY	78	18AUG99	
CHUTE S/W-CHUTE-FLIP -EXC Q= 31480CY	15	14MAY98	
CHUTE SPILLWAY-CHUTE&FLIP-CONC -FINISH	428	16SEP98	
CHUTE S/W-CHUTE-FLIP -ANCHORS & DRAIN	10	15MAY99	
CHUTE S/W-CHUTE-FLIP -CONC Q= 2000CY	78	18AUG99	
EMERG S/W -EXC -OVERBURDEN Q= 40000CY	5	3MAY99	
EMERGENCY SPILLWAY-EXC -START	195	3MAY99	
EMERG S/W -EXC -OVERBURDEN Q=100000CY	15	8MAY99	
EMERG S/W -EXC -OVERBURDEN Q=141500CY	20	26MAY99	
EMERG S/W -EXC -ROCK Q= 58500CY	15	8MAY99	
EMERG S/W -EXC -ROCK Q=561500CY	145	26MAY99	
EMERGENCY SPILLWAY-EXC -FINISH	207	14NOV99	
EMERGENCY SPILLWAY-GROUND SLAB & BRIDGE	243	14NOV99	
EMERG S/W -EXC -ROCK Q=614500CY	160	15NOV99	
EMERG S/W -GRND SLAB -CONSOL GROUT	20	15NOV99	
EMERG S/W -GRND SLAB -CONSOL GROUT	10	9DEC99	
EMERG S/W -GRND SLAB -CONC SLABS	75	9DEC99	
EMERG S/W -GRND SLAB -CONC SLABS	75	21MAR	
EMERG S/W -GRND SLAB -ROCK ANCHORS	20	20JUN	
EMERG S/W -BRIDGE -ERECT	150	15NOV99	
EMERG S/W -FUSE PLUG-FILL Q=26000CY	20	14JUL	
SERV S/W VALVES-INSTALL IN DAM	225	26APR99	
SERV S/W VALVES-CLOSE & IMPOUND RESERV.	50	5MAY	

DRB3:[MEILHEDE.DEVSCH]BFB102C.LIS;1

DEVCAN. MFL; 50

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C P M SCHEDULE TIME NOW 1JUL95

BFBI02C BI-WEEKLY BARCHART PART C

RUNDATE: 12-OCT-82 11:54:24 SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START	96 APR MAY JUN JUL AUG 111112222230000111112222230000011111222220000011111222223000011111222223 024680246802468024680246801357913579135791357913579135791246802468024680
CONSTR RDS RT BNK-SEGM 20-19; L=1800FT	48	1JUL95	
ACCESS TO SPILLWAY APPROACH	208	1JUL95	
ACCESS TO RIGHT ARCH ABUT EXC	172	1JUL95	
CONSTR RDS RT BNK-SEGM 19-18; L=2600FT	144	28AUG95	
CONSTR RDS RT BNK-SEGM 19-21; L=1400FT	36	28AUG95	
CONSTR RDS RT BNK-SEGM 21-22A;L=1050FT	60	10OCT95	
CONSTR RDS RT BNK-SEGM 21-26; L= 750FT	42	10OCT95	
CONSTR RDS RT BNK-SEGM 22A-22;L= 150FT	6	20DEC95	
CONSTR RDS RT BNK-SEGM 22A-23;L= 300FT	12	20DEC95	
CONSTR RDS RT BNK-SEGM 23-25; L= 200FT	6	18JAN96	
CONSTR RDS RT BNK-SEGM 23-24; L= 200FT	6	18JAN96	
CONSTR RDS RT BNK-SEGM 26-27; L= 800FT	18	29NOV95	
CONSTR RDS RT BNK-SEGM 26-28; L= 850FT	36	29NOV95	
CONSTR RDS RT BNK-SEGM 1- 2; L=6000FT	60	1JUL95	L
ACCESS TO T/R TUNNEL PORTAL	474	1JUL95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
ACCESS TO P/H ENTRY PORTAL	453	1JUL95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
ACCESS TO RT THRUST BLK & SPW HDWKS	87	1JUL95	
ACCESS TO TOP OF INTAKE HDWKS	94	1JUL95	
CONSTR RDS RT BNK-SEGM 2- 9; L=1000FT	12	12SEP95	L
CONSTR RDS RT BNK-SEGM 2- 3; L= 900FT	12	12SEP95	
CONSTR RDS RT BNK-SEGM 2-18; L=2200FT	30	12SEP95	
CONSTR RDS RT BNK-SEGM 9-10; L=2865FT	120	26SEP95	
CONSTR RDS RT BNK-SEGM 9-17; L=1700FT	54	26SEP95	
CONSTR RDS RT BNK-SEGM 10-13; L=4790FT	192	1MAR96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS RT BNK-SEGM 10-11; L=3400FT	162	1MAR96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS RT BNK-SEGM 11-12; L= 250FT	12	12SEP96	
CONSTR RDS RT BNK-SEGM 11-14; L=1200FT	66	12SEP96	
CONSTR RDS RT BNK-SEGM 11-15; L=1600FT	90	12SEP96	
CONSTR RDS RT BNK-SEGM 11-47; L= 900FT	50	12SEP96	
CONSTR RDS RT BNK-SEGM 11-48; L=1000FT	60	12SEP96	
CONSTR RDS RT BNK-SEGM 15-16; L= 850FT	48	11JAN97	
CONSTR RDS RT BNK-SEGM 15-15A;L= 500FT	30	11JAN97	
CONSTR RDS RT BNK-SEGM 3- 4; L= 300FT	6	26SEP95	
MAIN DAM-RIGHT THRUST BLOCK -EXCAVATION	126	26SEP95	
CHUTE SPILLWAY-HEADWORKS-EXCAVATION	743	26SEP95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
INTAKE-EXCAVATION	726	17OCT95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS LT BNK-SEGM 29-30; L= 400FT	12	1JUL95	
ACCESS TO U/S DIVERSION PORTAL	50	1JUL95	
ACCESS TO LEFT ARCH ABUTMENT EXCAVATION	94	1JUL95	L
PREL ACCESS TO D/S DIV PORTAL & D/S C/D	215	1JUL95	L
ACCESS TO U/S COFFERDAM	64	1JUL95	
CONSTR RDS LT BNK-SEGM 30-42; L= 500FT	30	17JUL95	
CONSTR RDS LT BNK-SEGM 30-31; L= 600FT	36	17JUL95	
CONSTR RDS LT BNK-SEGM 31-33; L= 500FT	30	28AUG95	L
CONSTR RDS LT BNK-SEGM 31-32; L= 100FT	6	28AUG95	
CONSTR RDS LT BNK-SEGM 33-44; L=1550FT	90	3OCT95	L
CONSTR RDS LT BNK-SEGM 44-46; L= 900FT	50	1FEB96	

SUSITNA HYDROELECTRIC PROJECT - DEVIL CANYON P570009 PAGE 2

C P M SCHEDULE TIME NOW 1JUL95

BFBI02C BI-WEEKLY BARCHART PART C

RUNDATE: 12-OCT-82 11:54:24 SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START	96 APR MAY JUN JUL AUG 111112222230000111112222230000011111222220000011111222223000011111222223 024680246802468024680246801357913579135791357913579135791246802468024680
CONSTR RDS LT BNK-SEGM 44-45; L=1000FT	60	1FEB96	XX
CONSTR RDS LT BNK-SEGM 34-35; L=2000FT	18	1JUL95	
ACCESS TO RIGHT SIDE OF SADDLE DAM	29	1JUL95	
ACCESS TO LEFT THRUST BLOCK	50	1JUL95	
CONSTR RDS LT BNK-SEGM 35-36; L= 480FT	6	24JUL95	
CONSTR RDS LT BNK-SEGM 35-37; L= 400FT	24	24JUL95	
MAIN DAM-LEFT THRUST BLOCK -EXCAVATION	11	20AUG95	
CONSTR RDS LT BNK-SEGM 8- 7; L=4660FT	48	1JUL95	
ACCESS TO U/S END OF EMERGENCY SPILLWAY	122	1JUL95	
ACCESS TO LEFT SIDE OF SADDLE DAM	122	1JUL95	
PERM ACCESS TO D/S DIVERSION PORTAL	481	1JUL95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS LT BNK-SEGM 7- 5; L=1280FT	30	28AUG95	
CONSTR RDS LT BNK-SEGM 7-41; L=9235FT	342	28AUG95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS LT BNK-SEGM 6-38; L= 970FT	12	3OCT95	
CONSTR RDS LT BNK-SEGM 38-43; L= 500FT	6	17OCT95	
CONSTR RDS LT BNK-SEGM 38-35; L=2200FT	36	17OCT95	
CONSTR RDS LT BNK-SEGM 43-39; L= 300FT	6	24OCT95	
CONSTR RDS LT BNK-SEGM 43-40; L= 500FT	6	24OCT95	
DIVERSN. ABV GRND U/S PORT-EXCAVATION	40	21AUG95	
DIVERSION WORKS COMPLETE	360	20AUG95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
DIVERSN ABV GRND U/S PORT-TRANS CONC	24	18DEC95	L
DIVERSN ABV GRND U/S PORT-GATE STRUCT	54	30JAN96	L
DIVERSN ABV GRND U/S PORT-GATES&HOISTS	110	3APR96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
DIVERSN ABV GRND D/S PORT-EXCAVATION	30	1FEB96	
DIVERSN ABV GRND D/S PORT-CONC&GUIDES	48	14MAR96	XXXXXXXXXXXXXXXX
DIVERSN BLV GRND U/S-TUNL HEADING 1200FT	60	7OCT95	L
DIVERSN BLV GRND U/S -CURB CONC	12	18DEC95	
DIVERSN BLV GRND U/S-LINING CONC 1200FT	30	16JAN96	
DIVERSN BLV GRND U/S-FLOOR CONC 1200FT	15	21FEB96	
DIVERSN BLV GRND D/S-TUNL HEADING 100FT	5	8MAR96	
DIVERSN BLV GRND D/S -CURB CONC	12	14MAR96	
DIVERSN BLV GRND D/S-LINING CONC 100FT	3	28MAR96	
DIVERNS BLV GRND D/S-FLOOR CONC 100FT	2	1APR96	
DIVERSN FLUG-CLOSE U/S GATES	6	1FEB	
DIVERSION WORKS PLUGGED	80	1FEB	
DIVERSN PLUG - CLOSE D/S STOPLOGS	6	8FEB	
DIVERSN PLUG - CONC PLUG	36	15FEB	
DIVERSN PLUG - GROUT	18	29MAR	
DIVERN-REMOVE U/S GATES & GATE STRUCTURE	25	29MAR	
COFFERDAMS-PLACE U/S-ROCK CLOSURE DAM	24	3SEP96	
TO EL915 Q=41900CY	12	3SEP96	
UPSTREAM COFFERDAM	108	1SEP96	
COFFERDAM	138	1SEP96	
COFFERDAMS-PLACE U/S-GROUTING	60	1OCT96	
COFFERDAMS-PLACE U/S-COMPL C/D Q=36900CY	6	11DEC96	
COFFERDAMS-DEWATER	6	10JAN97	
COFFERDAMS-PLACE D/S-CLOS DAM Q=47000CY	13	1OCT96	

BFB102C BI-WEEKLY BARCHART PART C
RUNDATE: 12-OCT-82 11:54:24 SORTED BY: AC CN

D E S C R I P T I O N	DUR WEEKS	SCHED START	96 APR MAY JUN JUL AUG 1111122222300001111122222300000111112222200000111112222230000011111222223 024680246802468024680246801357913579135791357913579135791246802468024680
DOWNSTREAM COFFERDAM	101	1OCT96	
COFFERDAMS-PLACE D/S-RIPRAP Q= 1650CY	6	16OCT96	
COFFERDAMS-PLACE D/S-GROUTING	60	16OCT96	
COFFERDAMS-REMOVE D/S ONLY-FLOOD	6	26APR99	
REMOVE D/S COFFERDAM	24	26APR99	
COFFERDAMS-REMOVE D/S ONLY-REM Q=42000CY	15	3MAY99	
MN DAM EXC RT BANK-THRUST BLOCK	4	25JAN96	
MAIN DAM-RIGHT ABUTMENT -EXCAVATION	386	30JAN96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
MAIN DAM-RIGHT THRUST BLOCK -CONCRETE	275	30JAN96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
MN DAM EXC RT BANK-EL.1300 - EL.1350	4	18DEC96	
MN DAM EXC RT BANK-EL.1200 - EL.1300	6	7JAN97	
MN DAM EXC RT BANK-EL.1100 - EL.1200	9	14JAN97	
MN DAM EXC RT BANK-EL.1000 - EL.1100	10	24JAN97	
MN DAM EXC RT BANK-EL. 900 - EL.1000	11	5FEB97	
MN DAM EXC RVR BED-EXC U/S ALLUVIUM	12	17JAN97	
MN DAM EXC RVR BED-U/S CONSOLID GROUTING	15	31JAN97	
-TO EL.900 L=24700FT	15	31JAN97	
MN DAM EXC RVR BED-U/S CONSOL GROUT COMP	80	24JUL97	
L=65000FT	80	24JUL97	
MN DAM EXC RVR BED-REMOVE ABUTM MAT'L	20	24FEB97	
MAIN DAM-RIVER EXCAVATION	48	23FEB97	
MN DAM EXC RVR BED-REM ALLUV EL820-EL900	12	19MAR97	
MN DAM EXC RVR BED-EXCAV KEYWAY	7	2APR97	
MN DAM EXC RVR BED-EXC D/S ALLUVIUM	12	17JAN97	
MN DAM EXC RVR BED-D/S CONSOLID GROUTING	15	31JAN97	
-TO EL.900 L=22230FT	15	31JAN97	
MN DAM EXC RVR BED-D/S CONSOL GROUT COMP	80	24JUL97	
L=65000FT	80	24JUL97	
MN DAM EXC LT BANK-THRUST BLOCK	9	21AUG95	
MAIN DAM-LEFT ABUTMENT -EXCAVATION	542	31AUG95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
MAIN DAM-LEFT THRUST BLOCK -CONCRETE	315	31AUG95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
MN DAM EXC LT BANK-EL.1300 - EL.1350	4	18DEC96	
MN DAM EXC LT BANK-EL.1200 - EL.1300	10	7JAN97	
MN DAM EXC LT BANK-EL.1100 - EL.1200	11	18JAN97	
MN DAM EXC LT BANK-EL.1000 - EL.1100	10	31JAN97	
MN DAM EXC LT BANK-EL. 900 - EL.1000	9	12FEB97	
MD DAM CONC-RT BNK-THRUST BLOCK	156	29APR96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
MD DAM CONC-RT BNK-BLCK 14 EL1310-EL1350	58	28APR97	
MAIN DAM-RIGHT HALF -CONCRETE	1621	28APR97	
MD DAM CONC-RT BNK-BLCK 14 EL1350-EL1463	259	8JUL97	
MD DAM CONC-RT BNK-BLCK 13 EL1266-EL1310	65	28APR97	
MD DAM CONC-RT BNK-BLCK 13 EL1310-EL1463	314	16JUL97	
MD DAM CONC-RT BNK-BLCK 12 EL1226-EL1266	58	28APR97	
MD DAM CONC-RT BNK-BLCK 12 EL1266-EL1463	376	8JUL97	
MD DAM CONC-RT BNK-BLCK 11 EL1186-EL1226	58	28APR97	
MD DAM CONC-RT BNK-BLCK 11 EL1226-EL1463	531	8JUL97	
MD DAM CONC-RT BNK-BLCK 10 EL1148-EL1186	58	28APR97	

SUSITNA HYDROELECTRIC PROJECT - DEVIL CANYON   P570009   PAGE 4

C P M SCHEDULE   TIME NOW 1JUL95

PPBI02C BI-WEEKLY BARCHART PART C

RUNDATE: 12-OCT-82 11:54:24   SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START	96 APR MAY JUN JUL AUG 1111122222300001111122222300000111112222200000111112222230000111112222223 024680246802468024680246801357913579135791357913579135791246802468024680
MD DAM CONC-RT BNK-BLCK 10 EL1186-EL1463	586	8JUL97	
MD DAM CONC-RT BNK-BLCK 9 EL1110-EL1148	58	28APR97	
MD DAM CONC-RT BNK-BLCK 9 EL1148-EL1463	635	8JUL97	
MD DAM CONC-RT BNK-BLCK 8 EL1078-EL1110	50	28APR97	
MD DAM CONC-RT BNK-BLCK 8 EL1110-EL1463	690	26JUN97	
MD DAM CONC-RT BNK-BLCK 7 EL1046-EL1078	50	28APR97	
MD DAM CONC-RT BNK-BLCK 7 EL1078-EL1463	731	26JUN97	
MD DAM CONC RT BNK-BLCK 6 EL1014-FL1046	50	28APR97	
MD DAM CONC-RT BNK-BLCK 6 EL1046-EL1463	877	26JUN97	
MD DAM CONC-RT BNK-BLCK 5 EL 968-EL1014	72	28APR97	
MD DAM CONC-RT BNK-BLCK 5 EL1014-EL1463	918	24JUL97	
MD DAM CONC-RT BNK-BLCK 4 EL 916-EL 968	79	28APR97	
MD DAM CONC-RT BNK-BLCK 4 EL 968-EL1463	980	1AUG97	
MD DAM CONC-RT BNK-BLCK 3 EL 869-EL 916	72	28APR97	
MD DAM CONC-RT BNK-BLCK 3 EL 916-EL1463	1153	24JUL97	
MD DAM CONC-RT BNK-BLCK 2 EL 820-EL 869	72	28APR97	
MD DAM CONC-RT BNK-BLCK 2 EL 869-EL1463	1215	24JUL97	
MD DAM CONC-RT BNK-BLCK 1 EL 820-FL1463	1284	27MAY97	
START LAG	24	28APR97	
MD DAM CONC-LT BNK-BLCK 1 EL 820-EL1463	1288	28APR97	
MD DAM CONC-LT BNK-BLCK 2 EL 820-EL 867	72	28APR97	
MD DAM CONC-LT BNK-BLCK 2 EL 867-EL1463	1222	24JUL97	
MD DAM CONC-LT BNK-BLCK 3 EL 867-EL 919	79	28APR97	
MD DAM CONC-LT BNK-BLCK 3 EL 919-FL1463	1146	1AUG97	
MD DAM CONC-LT BNK-BLCK 4 EL 919-EL 981	94	28APR97	
MD DAM CONC-LT BNK-BLCK 4 EL 981-EL1463	966	19AUG97	
MD DAM CONC-LT BNK-BLCK 5 EL 981-EL1034	79	28APR97	
MD DAM CONC-LT BNK-BLCK 5 EL1034-EL1463	890	1AUG97	
MD DAM CONC-LT BNK-BLCK 6 EL1034-EL1083	72	28APR97	
MD DAM CONC-LT BNK-BLCK 6 EL1083-FL1463	821	24JUL97	
MD DAM CONC-LT BNK-BLCK 7 EL1083-EL1135	79	28APR97	
MD DAM CONC-LT BNK-BLCK 7 EL1135-EL1463	655	1AUG97	
MD DAM CONC-LT BNK-BLCK 8 EL1135-EL1187	79	28APR97	
MD DAM CONC-LT BNK-BLCK 8 EL1187-EL1463	586	1AUG97	
MD DAM CONC-LT BNK-BLCK 9 EL1187-EL1247	86	28APR97	
MD DAM CONC-LT BNK-BLCK 9 EL1247-FL1463	404	9AUG97	
MD DAM CONC-LT BNK-BLCK 10 EL1247-EL1303	86	28APR97	
MD DAM CONC-LT BNK-BLCK 10 EL1303-EL1463	321	9AUG97	
MD DAM CONC-LT BNK-BLCK 11 EL1303-EL1340	48	28APR97	
MD DAM CONC-LT BNK-BLCK 11 EL1340-EL1463	272	24JUN97	
MAIN DAM-LEFT HALF -CONCRETE	1598	28APR97	
MD DAM CONC-LT BNK-BLCK 12 EL1340-EL1350	14	28APR97	
MD DAM CONC-LT BNK-BLCK 12 EL1350-EL1463	159	14MAY97	
MD DAM CONC-LT BNK-THRUST BLOCK	250	31AUG95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
MD DRN&GRT-LT BNK-SHAFT-L= 55FT	13	18MAR96	
MN DM DRAIN&GROUT-SHAFTS & GALL-LEFT BNK	425	18MAR96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
MD DRN&GRT-LT BNK-SHAFT-L=110FT	10	4APR96	XXXX

BFBI02C BI-WEEKLY BARCHART PART C
RUNDATE: 12-OCT-82 11:54:24 SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START	96 APR MAY JUN JUL AUG 1111122222300001111122222300000111112222200000111112222230000111112222223 0246802468024680246802468013579135791357913579135791357912468024680246 80
MD DRN&GRT-LT BNK-SHAFT-L=170FT	10	18APR96	XXXXXX
MD DRN&GRT-LT BNK-ACC TNL-EL1190-L=195FT	15	15APR96	XXXXXXXXX
MD DRN&GRT-LT BNK-ACC TNL-EL1190-CON SLB	6	9MAY96	XXXX
MD DRN&GRT-LT BNK-ACC TNL-EL1070-L=190FT	12	1APR96	XXXX
MD DRN&GRT-LT BNK-ACC TNL-EL1070-CON SLB	5	1JUN96	XXX
MD DRN&GRT-LT BNK-ACC TNL-EL 900-L=170FT	11	18MAR96	
MD DRN&GRT-LT BNK-ACC TNL-EL 900-CON SLB	5	26APR96	XXX
MD DRN&GRT-LT BNK-GALLERS-EL1190-L=315FT	20	4APR96	XXXXXXXXXX
MD DRN&GRT-LT BNK-GALLERS-EL1190-CON SLB	8	30APR96	XXXXX
MD DRN&GRT-LT BNK-GALLERS-EL1190-DRAIN	30	9MAY96	XXXXXXXXXXXXXXXXXX
MD DRN&GRT-LT BNK-GALLERS-EL1190-GROUT	30	9MAY96	XXXXXXXXXXXXXXXXXX
MD DRN&GRT-LT BNK-GALLERS-EL1070-L=470FT	25	19APR96	XXXXXXXXXXXXXXX
MD DRN&GRT-LT BNK-GALLERS-EL1070-CON SLB	12	17MAY96	XXXXXXXX
MD DRN&GRT-LT BNK-GALLERS-EL1070-GROUT	45	1JUN96	XXXXXXXXXXXXXXXXXXXXXXXXXX
MD DRN&GRT-LT BNK-GALLERS-EL1070-DRAIN	45	1JUN96	XXXXXXXXXXXXXXXXXXXXXXXXXX
MD DRN&GRT-LT BNK-GALLERS-EL 960-L=475FT	25	30APR96	XXXXXXXXXXXXXX
MD DRN&GRT-LT BNK-GALLERS-EL 960-CON SLB	12	30MAY96	XXXXXXX
MD DRN&GRT-LT BNK-GALLERS-EL 960-GROUT	45	13JUN96	XXXXXXXXXXXXXXXXXXXXXXXXXX
MD DRN&GRT-LT BNK-GALLERS-EL 960-DRAIN	45	13JUN96	XXXXXXXXXXXXXXXXXXXXXXXXXX
MD DRN&GRT-LT BNK-GALLERS-EL 900-L=225FT	15	30MAR96	XXXXX
MD DRN&GRT-LT BNK-GALLERS-EL 900-CON SLB	6	19APR96	XXXX
MD DRN&GRT-LT BNK-GALLERS-EL 900-GROUT	25	26APR96	XXXXXXXXXXXXXXX
MD DRN&GRT-LT BNK-GALLERS-EL 900-DRAIN	25	26APR96	XXXXXXXXXXXXXXX
MD DRN&GRT-LT BNK-GALLERS-EL 820-L=173FT	12	2APR97	
MD DRN&GRT-LT BNK-GALLERS-EL 820-CON SLB	5	18APR97	
MD DRN&GRT-LT BNK-GALLERS-EL 820-GROUT	20	24APR97	
MD DRN&GRT-LT BNK-GALLERS-EL 820-DRAIN	20	24APR97	
MD DRN&GRT-RT BNK-ACC TNL-EL1240-L=135FT	10	21NOV96	
MD DRN&GRT-RT BNK-ACC TNL-EL1240-CON SLB	4	4FEB97	
MD DRN&GRT-RT BNK-ACC TNL-EL1070-L=170FT	15	9NOV96	
MD DRN&GRT-RT BNK-ACC TNL-EL1070-CON SLB	5	16JAN97	
MD DRN&GRT-RT BNK-ACC TNL-EL 900-L=190FT	15	15FEB97	
MD DRN&GRT-RT BNK-ACC TNL-EL 900-CON SLB	5	27MAR97	
MD DRN&GRT-RT BNK-GALLERS-EL1370-L=280FT	30	18MAR96	XXXXXXX
MN DM DRAIN&GROUT-GALLERIES -RIGHT BANK	467	18MAR96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
MD DRN&GRT-RT BNK-GALLERS-EL1370-CON SLB	7	24APR96	XXXX
MD DRN&GRT-RT BNK-GALLERS-EL1370-GROUT	30	2MAY96	XXXXXXXXXXXXXXXXX
MD DRN&GRT-RT BNK-GALLERS-EL1370-DRAIN	30	2MAY96	XXXXXXXXXXXXXXXXX
MD DRN&GRT-RT BNK-GALLERS-EL1240-L=180FT	35	4DEC96	
MD DRN&GRT-RT BNK-GALLERS-EL1240-CON SLB	5	29JAN97	
MD DRN&GRT-RT BNK-GALLERS-EL1240-GROUT	20	4FEB97	
MD DRN&GRT-RT BNK-GALLERS-EL1240-DRAIN	20	4FEB97	
MD DRN&GRT-RT BNK-GALLERS-EL1070-L=350FT	20	27NOV96	
MD DRN&GRT-RT BNK-GALLERS-EL1070-CON SLB	9	6JAN97	
MD DRN&GRT-RT BNK-GALLERS-EL1070-GROUT	35	16JAN97	
MD DRN&GRT-RT BNK-GALLERS-EL1070-DRAIN	35	16JAN97	
MD DRN&GRT-RT BNK-GALLERS-EL 960-L=500FT	25	14MAR97	

C P M SCHEDULE

TIME NOW 1JUL95

BFRI02C   BI-WEEKLY BARCHART PART C
RUNDATE: 12-OCT-82 11:54:24   SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START	96 APR MAY JUN JUL AUG 11111222223000011111222223000001111122222000001111122222300001111122222 3 0246802468024680246802468013579135791357913579135791357912468024680246 80
MD DRN&GRT-RT BNK-GALLERS-EL 960-CON SLB	13	15APR97	
MD DRN&GRT-RT BNK-GALLERS-EL 960-GROUT	50	30APR97	
MD DRN&GRT-RT BNK-GALLERS-EL 960-DRAIN	50	30APR97	
MD DRN&GRT-RT BNK-GALLERS-EL 900-L= 80FT	7	6MAR97	
MD DRN&GRT-RT BNK-GALLERS-EL 900-L=185FT	6	14MAR97	
MD DRN&GRT-RT BNK-GALLERS-EL 900-CON SLB	5	21MAR97	
MD DRN&GRT-RT BNK-GALLERS-EL 900-GROUT	20	27MAR97	
MD DRN&GRT-RT BNK-GALLERS-EL 900-DRAIN	20	27MAR97	
MD DRN&GRT-RT BNK-GALLERS-EL 820-L=140FT	10	2APR97	
MD DRN&GRT-RT BNK-GALLERS-EL 820-CON SLB	4	16APR97	
MD DRN&GRT-RT BNK-GALLERS-EL 820-DRAIN	15	21APR97	
MD DRN&GRT-RT BNK-GALLERS-EL 820-GROUT	15	21APR97	
SADDLE DAM-GALLERY-HORIZ TUNNEL L=590FT	40	17FEB98	
SADDLE DAM-DRAIN&GROUT-SHAFTS & GALL	145	16FEB98	
SADDLE DAM-GALLERY-CONC SLAB	10	7APR98	
SADDLE DAM-GALLERY-GROUTING	55	18APR98	
SADDLE DAM-GALLERY-DRAINAGE	55	18APR98	
SADDLE DAM-GALLERY-INCL TUNNEL L=540FT	45	17FEB98	
SADDLE DAM-GALLERY-CONC SLAB	15	13APR98	
SADDLE DAM-GALLERY-GROUTING	60	30APR98	
SADDLE DAM-GALLERY-DRAINAGE	60	30APR98	
SADDLE DAM-DM EL1215-1300-DRAIN LAKE	30	26OCT98	
SADDLE DAM-DRAIN AREA & EXCAV	128	26OCT98	
SADDLE DAM-DM EL1215-1300-EXC OVERBURDEN	40	1DEC98	
SADDLE DAM-DM EL1215-1300-EXC ROCK TRENC	25	1FEB99	
SADDLE DAM-DM EL1215-1300-CONSOL GROUT	40	3MAY99	
SADDLE DAM-FOUND PREP & FILL	368	3MAY99	
SADDLE DAM-DM EL1215-1300-FILL	40	19JUN99	
SADDLE DAM-DM EL1300-1470-EXC OVRBURDEN	15	26OCT98	
SADDLE DAM-DM EL1300-1470-EXC ROCK TRENC	45	12NOV98	
SADDLE DAM-DM EL1300-1470-CONSOL GROUT	35	3MAY99	
SADDLE DAM-DM EL1300-1470-FILL	217	6AUG99	
INT&PF-INT APPR CHN&STRUC-EXC Q=300600CY	134	5MAY97	
INT&PF-INT APPR CHN&STRUC-CONC BLOCK A	168	29MAY98	
INTAKE-START CONCRETE	200	29MAY98	
INT&PF-INT APPR CHN&STRUC-GUIDES 1	25	15DEC98	
INTAKE-FINISH CONCRETE	163	15DEC98	
INTAKE-START GUIDES GATES & HOISTS	224	15DEC98	
INT&PF-INT APPR CHN&STRUC-GATES 1	25	28JAN99	
INT&PF-INT APPR CHN&STRUC-TOWERS 1	25	27FEB99	
INT&PF-INT APPR CHN&STRUC-HOISTS 1	25	29MAR99	
INT&PF-INT APPR CHN&STRUC-START LAG	24	29MAY98	
INT&PF-INT APPR CHN&STRUC-CONC BLOCK B	268	26JUN98	
INT&PF-INT APPR CHN&STRUC-GUIDES 2	25	27MAY99	
INT&PF-INT APPR CHN&STRUC-GATES 2	25	26JUN99	
INT&PF-INT APPR CHN&STRUC-TOWERS 2	25	27JUL99	
INT&PF-INT APPR CHN&STRUC-HOISTS 2	25	25AUG99	

BFBI02C   BI-WEEKLY BARCHART PART C
RUNDATE: 12-OCT-82 11:54:24   SORTED BY: AC CN

D E S C R I P T I O N	DUR WEEKS	SCHED START	96 APR MAY JUN JUL AUG 111112222230000111112222230000011111222220000011111222223000011111222223 024680246802468024680246801357913579135791357913579135791246802468024680
INT&PF-INT APPR CHN&STRUC-CONC BLOCK C	168	29MAY98	
INT&PF-INT APPR CHN&STRUC-GUIDES 3	25	26JUN99	
INT&PF-INT APPR CHN&STRUC-GATES 3	25	27JUL99	
INT&PF-INT APPR CHN&STRUC-TOWERS 3	25	25AUG99	
INT&PF-INT APPR CHN&STRUC-HOISTS 3	25	24SEP99	
INT&PF-INT APPR CHN&STRUC-START LAG	24	29MAY98	
INT&PF-INT APPR CHN&STRUC-CONC BLOCK D	268	26JUN98	
INT&PF-INT APPR CHN&STRUC-GUIDES 4	25	27JUL99	
INTAKE-FINISH GUIDES GATES & HOISTS	117	27JUL99	
INT&PF-INT APPR CHN&STRUC-GATES 4	25	25AUG99	
INT&PF-INT APPR CHN&STRUC-TOWERS 4	25	24SEP99	
INT&PF-INT APPR CHN&STRUC-HOISTS 4	25	23OCT99	
INT&PF-PENSTOCKS-EXCAV Q= 55100CY	174	17OCT97	
PENSTOCKS -EXCAVATION	224	17OCT97	
INT&PF-PENSTOCKS-CONCRETE	475	29MAY98	
PENSTOCKS -LININGS	715	29MAY98	
INT&PF-PENSTOCKS-LINING	100	14JAN	
INT&PF-PENSTOCKS-EXC PNSTK ADIT L=1000FT	60	7AUG97	
TRANSFORMER GALLERY -EXCAVATION	14	17OCT97	
INT&PF-PH ACC-PORTAL	45	26SEP96	
POWERHOUSE-ACCESS TUNNELS	344	26SEP96	
INT&PF-PH ACC-TNL S/W TK-OFF L=1000FT	60	18NOV96	
INT&PF-PH ACC-TNL PNSTK ADIT L=2400FT	145	12FEB97	
INT&PF-PH ACC-TUNNEL UNDER S/W L= 560FT	35	12FEB97	
INT&PF-PH ACC-TUNNEL TO TRANSFORMER	12	7AUG97	
GALLERY TAKE-OFF L= 200FT	12	7AUG97	
INT&PF-PH ACC-TNL TO SC TK-OFF L= 500FT	3	21AUG97	
INT&PF-PH ACC-TNL TO PH VLT L= 150FT	9	25AUG97	
INT&PF-PH ACC-TNL TO TRANS GALL L= 250FT	15	21AUG97	
INT&PF-PH ACC-TNL TO SURGE CHBM L= 200FT	15	25AUG97	
INT&PF-PH VLT-EXC UPPER VAULT Q= 60000CY	125	5SEP97	
POWERHOUSE-EXCAVATION -START	246	5SEP97	
INT&PF-PH VLT-ST EXC SUBSTRUC Q= 20000CY	45	16MAR98	
INT&PF-PH VLT-FN EXC SUBSTRUC Q= 15000CY	35	9MAY98	
POWERHOUSE-EXCAVATION-FINISH	42	9MAY98	
INT&PF-PH VLT-CONC SERVICE BAY	108	9MAY98	
POWERHOUSE-SUBSTRUCTURE CONC -START	360	9MAY98	
INT&PF-PH VLT-INSTALL PH CRANE	36	16SEP98	
INT&PF-PH VLT-START 1ST STAGE CONC UNIT1	96	16SEP98	
INT&PF-PH VLT-FINIS 1ST STAGE CONC UNIT1	84	22JAN99	
POWERHOUSE-2ND STAGE CONCRETE-START	192	4MAY99	
POWERHOUSE-SUBSTRUCTURE CONC -CONTINUE	14	4MAY99	
TURBINE EMBEDDED PARTS-START	358	4MAY99	
INT&PF-PH VLT- 2ST STAGE CONC UNIT1	72	19AUG99	
POWERHOUSE 2ND STAGE CONC-CONT	273	12NOV99	
INT&PF-PH VLT-START 1ST STAGE CONC UNIT2	96	22JAN99	
INT&PF-PH VLT-FINIS 1ST STAGE CONC UNIT2	84	18MAY99	

BFB102C BI-WEEKLY BARCHART PART C
RUNDATE: 12-OCT-82 11:54:24 SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START	96 APR MAY JUN JUL AUG 11111222223000011111222223000001111122222000001111122222300001111122223 02468024680246802468024680135791357913579135791357913579124680246802468O
INT&PF-PH VLT- 2ST STAGE CONC UNIT2	72	11DEC99	
INT&PF-PH VLT-START 1ST STAGE CONC UNIT3	96	18MAY99	
POWERHOUSE-SUBSTRUCTURE CONC -FINISH	344	18MAY99	
INT&PF-PH VLT-FIN 1ST STAGE CONC UNIT3	84	10SEP99	
INT&PF-PH VLT- 2ND STAGE CONC UNIT3	72	19APR	
INT&PF-PH VLT-START 1ST STAGE CONC UNIT4	96	10SEP99	
INT&PF-PH VLT-FIN 1ST STAGE CONC UNIT4	84	15JAN	
INT&PF-PH VLT- 2ND STAGE CONC UNIT4	72	11AUG	
INT&PF-TRF GALL-EXC Q=22000CY	45	9SEP97	
INT&PF-TRF GALL-CONC	84	31OCT97	
TRANSF GALL & CABLE SHAFTS -CONC	405	31OCT97	
INT&PF-TRF GALL-INST TRF GALL EQUIP	150	24FEB98	
INT&PF-TRF GALL-EXC BUS TUNNEL Q= 5340CY	55	31OCT97	
INT&PF-TRF GALL-CONC BUS TUNNELS	20	20JAN98	
INT&PF-TRF GALL-INST BUS TUNNEL EQUIP	100	12FEB98	
INT&PF-TRF GALL-EXC CABLE SHFT Q= 3000CY	60	15JUN98	
INT&PF-TRF GALL-LINING CABLE SHAFTS	90	25AUG98	
INT&PF-TRF GALL-INST CABLE SHAFT EQUIP	100	10DEC98	
INT&PF-SRG CHBR-EXC UPPER PART Q=90000CY	95	12SEP97	
SURGE CHAMBER -EXCAVATION	233	12SEP97	
INT&PF-SRG CHBR-ST EXC LWR PRT Q=30000CY	35	2FEB98	
INT&PF-SRG CHBR-FN EXC LWR PRT Q=35000CY	40	16MAR98	
INT&PF-SRG CHBR-CONCRETE	90	4MAY98	
SURGE CHAMBER -CONC & GATES	301	3MAY98	
TAILRACE TUNNEL -LINING	215	3MAY98	
INT&PF-SRG CHBR-GATES	150	19AUG98	
INT&PF-TR TUNNL-PORTAL DEVELOPMENT	30	17OCT96	
TAILRACE TUNNEL -EXCAVATION	472	17OCT96	
INT&PF-TR TUNNL-TUNNELLING L= 6800FT	340	21NOV96	
INT&PF-TR TUNNL-LINING	180	4MAY98	
GEN EQUIP -TURB U-1 -INST EMB PARTS	90	4MAY99	
TURBINES & GENERATORS-START	443	19AUG99	
GEN EQUIP -TURB U-1 -INST REM PARTS	288	12NOV99	
TURBINES & GENERATORS-CONTINUE		4NOV	
GEN EQUIP -TURB U-2 -INST EMB PARTS	90	26AUG99	
GEN EQUIP -TURB U-2 -INST REM PARTS	288	20MAR	
GEN EQUIP -TURB U-3 -INST EMB PARTS	90	18DEC99	
GEN EQUIP -TURB U-3 -INST REM PARTS	288	14JUL	
TURBINE EMBEDDED PARTS FINISH	107	26APR	
GEN EQUIP -TURB U-4 -INST EMB PARTS	90	26APR	
POWERHOUSE 2ND STAGE CONC-FIN	85	11AUG	
GEN EQUIP -TURB U-4 -INST REM PARTS	288	4NOV	
TURBINES & GENERATORS-FINISH	358	4NOV	
GEN EQUIP -GENERATOR U-1 -INSTALL	288	12NOV99	
GEN EQUIP -TEST & COMMISSION -U1	30	4NOV	
TURBINES & GENERATORS-TEST&COMMISSION	395	4NOV	
GEN EQUIP -GENERATOR U-2 -INSTALL	288	20MAR	

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C P M SCHEDULE TIME NOW 1JUL95

BFB102C BI-WEEKLY BARCHART PART C

RUNDATE: 12-OCT-82 11:54:24 SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START	96 APR MAY JUN JUL AUG
			11111222223000011111222223000001111122222000001111122222300001111222223
			02468024680246802468024680135791357913579135791357913579124680246802468 0
GEN EQUIP -TEST & COMMISSION -U2	30	13MAR 1	
GEN EQUIP -GENERATOR U-3 -INSTALL	288	14JUL	
GEN EQUIP -TEST & COMMISSION -U3	30	7JUL 1	
GEN EQUIP -GENERATOR U-4 -INSTALL	288	4NOV	
GEN EQUIP -TEST & COMMISSION -U4	30	29OCT 1	
CHUTE S/W HDWK-APP CHN-ST EXC Q= 73100CY	20	12AUG96	XXXXXXXXXX
CHUTE S/W HDWK-APP CHN-CN EXC Q= 29100CY	15	5SEP96	
CHUTE S/W HDWK-APP CHN-FN EXC Q= 38800CY	20	23SEP96	
CHUTE S/W HDWK-STRUCT -ST EXC Q= 62300CY	25	12AUG96	XXXXXXXXXX
CHUTE S/W HDWK-STRUCT -CN EXC Q= 30600CY	20	11SEP96	
CHUTE SPILLWAY-CHUTE&FLIP-EXC -START	253	11SEP96	
CHUTE S/W HDWK-STRUCT -CN EXC Q= 20400CY	15	9SEP97	
CHUTE S/W HDWK-STRUCT -FN EXC Q= 10200CY	10	26SEP97	
CHUTE S/W HDWK-STRUCT-DRAIN TUNN L=140FT	20	8OCT97	
CHUTE SPILLWAY-HEADWORKS-CONCRETE-START	167	31OCT97	
CHUTE S/W HDWK-BLK A -CONC Q= 29600CY	126	31OCT97	
CHUTE SPILLWAY-HEADWORKS-CONCRETE-FINISH	43	16APR98	
CHUTE S/W HDWK-BLK A -GUIDES 1	25	16APR98	
CHT S/W-GUIDES,GATES,TOWER & HSTS-START	43	16APR98	
CHUTE S/W HDWK-BLK A -GATE 1	25	15MAY98	
CHUTE S/W HDWK-BLK A -TOWERS 1	25	15JUN98	
CHUTE S/W HDWK-BLK A -HOISTS 1	25	15JUL98	
CHUTE S/W HDWK-BLK B -START LAG	36	31OCT97	
CHUTE S/W HDWK-BLK B -CONC Q= 29600CY	126	13DEC97	
CHUTE S/W HDWK-BLK B -GUIDES 2	25	29MAY98	
CHT S/W-GUIDES,GATES,TOWER & HSTS-FINISH	148	29MAY98	
CHUTE S/W HDWK-BLK B -GATE 2	25	27JUN98	
CHUTE S/W HDWK-BLK B -TOWERS 2	25	28JUL98	
CHUTE S/W HDWK-BLK B -HOISTS 2	25	26AUG98	
CHUTE S/W HDWK-BLK C -CONC Q= 29600CY	126	31OCT97	
CHUTE S/W HDWK-BLK C -GUIDES 3	25	27JUN98	
CHUTE S/W HDWK-BLK C -GATE 3	25	28JUL98	
CHUTE S/W HDWK-BLK C -TOWERS 3	25	26AUG98	
CHUTE S/W HDWK-BLK C -HOISTS 3	25	25SEP98	
CHUTE S/W CHT DRN TNL-INCL UND CHT L=695	170	26JAN98	
CHUTE S/W CHT DRN TNL-HORZ UND FLP L=250	45	26JAN98	
CHUTE S/W CHT DRN TNL-HORZ UND CHT L= 80	14	18AUG98	
CHUTE S/W-CHUTE-SECT 20 -EXC Q= 31480CY	15	5MAY97	
CHUTE SPILLWAY-CHUTE&FLIP-EXC -FINISH	482	22MAY97	
CHUTE S/W-CHUTE-SECT 20 -ANCHORS & DRAIN	10	3SEP98	
CHUTE S/W-CHUTE-SECT 20 -CONC Q= 1890CY	78	16SEP98	
CHUTE SPILLWAY-CHUTE&FLIP-CONC -START		16SEP98	
CHUTE S/W-CHUTE-SECT 19 -EXC Q= 31480CY	15	22MAY97	
CHUTE S/W-CHUTE-SECT 19 -ANCHORS & DRAIN	10	16SEP98	
CHUTE S/W-CHUTE-SECT 19 -START LAG	24	9OCT98	
CHUTE S/W-CHUTE-SECT 19 -CONC Q= 1890CY	178	6NOV98	
CHUTE S/W-CHUTE-SECT 18 -EXC Q= 31480CY	15	10JUN97	

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C P M SCHEDULE   TIME NOW 1JUL95

BFB102C   BI-WEEKLY BARCHART PART C
RUNDATE: 12-OCT-82 11:54:24   SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START	96 APR MAY JUN JUL AUG 111112222230000111112222230000011111222220000011111222223000011111222223 02468024680246802468024..01357913579135791357913579135791246802468024680
CHUTE S/W-CHUTE-SECT 18 -ANCHORS & DRAIN	10	28SEP98	
CHUTE S/W-CHUTE-SECT 18 -CONC Q= 1890CY	178	9OCT98	
CHUTE S/W-CHUTE-SECT 17 -EXC Q= 31480CY	15	27JUN97	
CHUTE S/W-CHUTE-SECT 17 -ANCHORS & DRAIN	10	9OCT98	
CHUTE S/W-CHUTE-SECT 17 -START LAG	24	2NOV98	
CHUTE S/W-CHUTE-SECT 17 -CONC Q= 1890CY	178	1DEC98	
CHUTE S/W-CHUTE-SECT 16 -EXC Q= 31480CY	15	17JUL97	
CHUTE S/W-CHUTE-SECT 16 -ANCHORS & DRAIN	10	21OCT98	
CHUTE S/W-CHUTE-SECT 16 -CONC Q= 1890CY	178	2NOV98	
CHUTE S/W-CHUTE-SECT 15 -EXC Q= 31480CY	15	4AUG97	
CHUTE S/W-CHUTE-SECT 15 -ANCHORS & DRAIN	10	2NOV98	
CHUTE S/W-CHUTE-SECT 15 -START LAG	24	24MAY99	
CHUTE S/W-CHUTE-SECT 15 -CONC Q= 1890CY	78	22JUN99	
CHUTE S/W-CHUTE-SECT 14 -EXC Q= 31480CY	15	21AUG97	
CHUTE S/W-CHUTE-SECT 14 -ANCHORS & DRAIN	10	13NOV98	
CHUTE S/W-CHUTE-SECT 14 -START LAG	24	26APR99	
CHUTE S/W-CHUTE-SECT 14 -CONC Q= 1890CY	78	24MAY99	
CHUTE S/W-CHUTE-SECT 13 -EXC Q= 31480CY	15	9SEP97	
CHUTE S/W-CHUTE-SECT 13 -ANCHORS & DRAIN	10	25NOV98	
CHUTE S/W-CHUTE-SECT 13 -START LAG	24	24MAY99	
CHUTE S/W-CHUTE-SECT 13 -CONC Q= 1890CY	78	22JUN99	
CHUTE S/W-CHUTE-SECT 12 -EXC Q= 31480CY	15	26SEP97	
CHUTE S/W-CHUTE-SECT 12 -ANCHORS & DRAIN	10	8DEC98	
CHUTE S/W-CHUTE-SECT 12 -CONC Q= 1890CY	78	24MAY99	
CHUTE S/W-CHUTE-SECT 11 -EXC Q= 31480CY	15	14OCT97	
CHUTE S/W-CHUTE-SECT 11 -ANCHORS & DRAIN	10	4JAN99	
CHUTE S/W-CHUTE-SECT 11 -START LAG	24	24MAY99	
CHUTE S/W-CHUTE-SECT 11 -CONC Q= 1890CY	78	22JUN99	
CHUTE S/W-CHUTE-SECT 10 -EXC Q= 31480CY	15	31OCT97	
CHUTE S/W-CHUTE-SECT 10 -ANCHORS & DRAIN	10	15JAN99	
CHUTE S/W-CHUTE-SECT 10 -CONC Q= 1890CY	78	24MAY99	
CHUTE S/W-CHUTE-SECT 9 -EXC Q= 31480CY	15	18NOV97	
CHUTE S/W-CHUTE-SECT 9 -ANCHORS & DRAIN	10	27JAN99	
CHUTE S/W-CHUTE-SECT 9 -START LAG	24	22JUN99	
CHUTE S/W-CHUTE-SECT 9 -CONC Q= 1890CY	78	21JUL99	
CHUTE S/W-CHUTE-SECT 8 -EXC Q= 31480CY	15	6DEC97	
CHUTE S/W-CHUTE-SECT 8 -ANCHORS & DRAIN	10	8FEB99	
CHUTE S/W-CHUTE-SECT 8 -START LAG	24	24MAY99	
CHUTE S/W-CHUTE-SECT 8 -CONC Q= 1890CY	78	22JUN99	
CHUTE S/W-CHUTE-SECT 7 -EXC Q= 31480CY	15	8JAN98	
CHUTE S/W-CHUTE-SECT 7 -ANCHORS & DRAIN	10	20FEB99	
CHUTE S/W-CHUTE-SECT 7 -START LAG	24	22JUN99	
CHUTE S/W-CHUTE-SECT 7 -CONC Q= 1890CY	78	21JUL99	
CHUTE S/W-CHUTE-SECT 6 -EXC Q= 31480CY	15	26JAN98	
CHUTE S/W-CHUTE-SECT 6 -ANCHORS & DRAIN	10	4MAR99	
CHUTE S/W-CHUTE-SECT 6 -START LAG	24	24MAY99	
CHUTE S/W-CHUTE-SECT 6 -CONC Q= 1890CY	78	22JUN99	

BFBI02C BI-WEEKLY BARCHART PART C
RUNDATE: 12-OCT-82 11:54:24 SORTED BY: AC CN

D E S C R I P T I O N	DUR WEEKS	SCHED START	96 APR MAY JUN JUL AUG 111112222230000111112222230000011111222220000011111222223000011111222223 024680246802468024680246801357913579135791357913579135791246802468024680
CHUTE S/W-CHUTE-SECT 5 -EXC Q= 31480CY	15	12FEB98	
CHUTE S/W-CHUTE-SECT 5 -ANCHORS & DRAIN	10	16MAR99	
CHUTE S/W-CHUTE-SECT 5 -START LAG	24	22JUN99	
CHUTE S/W-CHUTE-SECT 5 -CONC Q= 1890CY	78	21JUL99	
CHUTE S/W-CHUTE-SECT 4 -EXC Q= 31480CY	15	3MAR98	
CHUTE S/W-CHUTE-SECT 4 -ANCHORS & DRAIN	10	27MAR99	
CHUTE S/W-CHUTE-SECT 4 -START LAG	24	24MAY99	
CHUTE S/W-CHUTE-SECT 4 -CONC Q= 1890CY	78	22JUN99	
CHUTE S/W-CHUTE-SECT 3 -EXC Q= 31480CY	15	20MAR98	
CHUTE S/W-CHUTE-SECT 3 -ANCHORS & DRAIN	10	10APR99	
CHUTE S/W-CHUTE-SECT 3 -START LAG	24	21JUL99	
CHUTE S/W-CHUTE-SECT 3 -CONC Q= 1890CY	78	18AUG99	
CHUTE S/W-CHUTE-SECT 2 -EXC Q= 31480CY	15	9APR98	
CHUTE S/W-CHUTE-SECT 2 -ANCHORS & DRAIN	10	22APR99	
CHUTE S/W-CHUTE-SECT 2 -START LAG	24	22JUN99	
CHUTE S/W-CHUTE-SECT 2 -CONC Q= 1890CY	78	21JUL99	
CHUTE S/W-CHUTE-SECT 1 -EXC Q= 31480CY	15	27APR98	
CHUTE S/W-CHUTE-SECT 1 -ANCHORS & DRAIN	10	4MAY99	
CHUTE S/W-CHUTE-SECT 1 -START LAG	24	21JUL99	
CHUTE S/W-CHUTE-SECT 1 -CONC Q= 1890CY	78	18AUG99	
CHUTE S/W-CHUTE-FLIP -EXC Q= 31480CY	15	14MAY98	
CHUTE SPILLWAY-CHUTE&FLIP-CONC -FINISH	428	16SEP98	
CHUTE S/W-CHUTE-FLIP -ANCHORS & DRAIN	10	15MAY99	
CHUTE S/W-CHUTE-FLIP -CONC Q= 2000CY	78	18AUG99	
EMERG S/W -EXC -OVERBURDEN Q= 40000CY	5	3MAY99	
EMERGENCY SPILLWAY-EXC -START	195	3MAY99	
EMERG S/W -EXC -OVERBURDEN Q=100000CY	15	8MAY99	
EMERG S/W -EXC -OVERBURDEN Q=141500CY	20	26MAY99	
EMERG S/W -EXC -ROCK Q= 58500CY	15	8MAY99	
EMERG S/W -EXC -ROCK Q=561500CY	145	26MAY99	
EMERGENCY SPILLWAY-EXC -FINISH	207	14NOV99	
EMERGENCY SPILLWAY-GROUND SLAB & BRIDGE	243	14NOV99	
EMERG S/W -EXC -ROCK Q=614500CY	160	15NOV99	
EMERG S/W -GRND SLAB -CONSOL GROUT	20	15NOV99	
EMERG S/W -GRND SLAB -CONSOL GROUT	10	9DEC99	
EMERG S/W -GRND SLAB -CONC SLABS	75	9DEC99	
EMERG S/W -GRND SLAB -CONC SLABS	75	21MAR	
EMERG S/W -GRND SLAB -ROCK ANCHORS	20	20JUN	
EMERG S/W -BRIDGE -ERECT	150	15NOV99	
EMERG S/W -FUSE PLUG-FILL Q=26000CY	20	14JUL	
SERV S/W VALVES-INSTALL IN DAM	225	26APR99	
SERV S/W VALVES-CLOSE & IMPOUND RESERV.	50	5MAY	

DRB3:[MEILHEDE.DEVSCH]BFBI02D.LIS;1

DEVCAN . MFL; 50

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C P M SCHEDULE   TIME NOW 1JUL95

BFBI02D   BI-WEEKLY BARCHART PART D

New mail from OPERATOR

RUNDATE: 12-OCT-82 11:57:38   SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START	96 ASEP / OCT / NOV / DEC / 97 JAN 3000001111122222000001111122222300001111122222300001111122222300000011111 013579135791357913579135791357912468024680246802468024680246801357913579
CONSTR RDS RT BNK-SEGM 20-19; L=1800FT	48	1JUL95	L
ACCESS TO SPILLWAY APPROACH	208	1JUL95	
ACCESS TO RIGHT ARCH ABUT EXC	172	1JUL95	
CONSTR RDS RT BNK-SEGM 19-18; L=2600FT	144	28AUG95	
CONSTR RDS RT BNK-SEGM 19-21; L=1400FT	36	28AUG95	L
CONSTR RDS RT BNK-SEGM 21-22A;L=1050FT	60	10OCT95	
CONSTR RDS RT BNK-SEGM 21-26; L= 750FT	42	10OCT95	
CONSTR RDS RT BNK-SEGM 22A-22;L= 150FT	6	20DEC95	
CONSTR RDS RT BNK-SEGM 22A-23;L= 300FT	12	20DEC95	
CONSTR RDS RT BNK-SEGM 23-25; L= 200FT	6	18JAN96	
CONSTR RDS RT BNK-SEGM 23-24; L= 200FT	6	18JAN96	
CONSTR RDS RT BNK-SEGM 26-27; L= 800FT	18	29NOV95	
CONSTR RDS RT BNK-SEGM 26-28; L= 850FT	36	29NOV95	
CONSTR RDS RT BNK-SEGM 1- 2; L=6000FT	60	1JUL95	
ACCESS TO T/R TUNNEL PORTAL	474	1JUL95	XXXXXXXXXXXXXXXXXXXXXX
ACCESS TO P/H ENTRY PORTAL	453	1JUL95	XXXXXXXXXXXXXX
ACCESS TO RT THRUST BLK & SPW HDWKS	87	1JUL95	
ACCESS TO TOP OF INTAKE HDWKS	94	1JUL95	
CONSTR RDS RT BNK-SEGM 2- 9; L=1000FT	12	12SEP95	
CONSTR RDS RT BNK-SEGM 2- 3; L= 900FT	12	12SEP95	
CONSTR RDS RT BNK-SEGM 2-18; L=2200FT	30	12SEP95	
CONSTR RDS RT BNK-SEGM 9-10; L=2865FT	120	26SEP95	L
CONSTR RDS RT BNK-SEGM 9-17; L=1700FT	54	26SEP95	
CONSTR RDS RT BNK-SEGM 10-13; L=4790FT	192	1MAR96	XXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS RT BNK-SEGM 10-11; L=3400FT	162	1MAR96	XXXXXXX
CONSTR RDS RT BNK-SEGM 11-12; L= 250FT	12	12SEP96	XXXXXXXX
CONSTR RDS RT BNK-SEGM 11-14; L=1200FT	66	12SEP96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS RT BNK-SEGM 11-15; L=1600FT	90	12SEP96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS RT BNK-SEGM 11-47; L= 900FT	50	12SEP96	XXXXXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS RT BNK-SEGM 11-48; L=1000FT	60	12SEP96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS RT BNK-SEGM 15-16; L= 850FT	48	11JAN97	XXXXX
CONSTR RDS RT BNK-SEGM 15-15A;L= 500FT	30	11JAN97	XXXXX
CONSTR RDS RT BNK-SEGM 3- 4; L= 500FT	6	26SEP95	
MAIN DAM-RIGHT THRUST BLOCK -EXCAVATION	126	26SEP95	
CHUTE SPILLWAY-HEADWORKS-EXCAVATION	743	26SEP95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
INTAKE-EXCAVATION	726	17OCT95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS LT BNK-SEGM 29-30; L= 400FT	12	1JUL95	
ACCESS TO U/S DIVERSION PORTAL	50	1JUL95	
ACCESS TO LEFT ARCH ABUTMENT EXCAVATION	94	1JUL95	
PREL ACCESS TO D/S DIV PORTAL & D/S C/D	215	1JUL95	
ACCESS TO U/S COFFERDAM	64	1JUL95	L
CONSTR RDS LT BNK-SEGM 30-42; L= 500FT	30	17JUL95	
CONSTR RDS LT BNK-SEGM 30-31; L= 600FT	36	17JUL95	
CONSTR RDS LT BNK-SEGM 31-33; L= 500FT	30	28AUG95	
CONSTR RDS LT BNK-SEGM 31-32; L= 100FT	6	28AUG95	L
CONSTR RDS LT BNK-SEGM 33-41; L=1550FT	90	3OCT95	
CONSTR RDS LT BNK-SEGM 44-46; L= 900FT	50	1FEB96	

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C P M SCHEDULE TIME NOW 1JUL95

BFB102D BI-WEEKLY BARCHART PART D

RUNDATE: 12-OCT-82 11:57:38 SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START	96 ASEP OCT NOV DEC 97 JAN 300000111112222200000111112222230000111112222230000111112222230000011111 01357913579135791357913579135791246802468024680246802468024680135791357 9
CONSTR RDS LT BNK-SEGM 44-45; L=1000FT	60	1FEB96	
CONSTR RDS LT BNK-SEGM 34-35; L=2000FT	18	1JUL95	
ACCESS TO RIGHT SIDE OF SADDLE DAM	29	1JUL95	
ACCESS TO LEFT THRUST BLOCK	50	1JUL95	
CONSTR RDS LT BNK-SEGM 35-36; L= 480FT	6	24JUL95	
CONSTR RDS LT BNK-SEGM 35-37; L= 400FT	24	24JUL95	
MAIN DAM-LEFT THRUST BLOCK -EXCAVATION	11	20AUG95	
CONSTR RDS LT BNK-SEGM 8- 7; L=4660FT	48	1JUL95	
ACCESS TO U/S END OF EMERGENCY SPILLWAY	122	1JUL95	
ACCESS TO LEFT SIDE OF SADDLE DAM	122	1JUL95	
PERM ACCESS TO D/S DIVERSION PORTAL	481	1JUL95	XXXXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS LT BNK-SEGM 7- 5; L=1280FT	30	28AUG95	
CONSTR RDS LT BNK-SEGM 7-41; L=9235FT	342	28AUG95	XXXXXXXXXXXXXXXXXXXXXXXXXXX
CONSTR RDS LT BNK-SEGM 6-38; L= 970FT	12	3OCT95	
CONSTR RDS LT BNK-SEGM 38-43; L= 500FT	6	17OCT95	
CONSTR RDS LT BNK-SEGM 38-35; L=2200FT	36	17OCT95	
CONSTR RDS LT BNK-SEGM 43-39; L= 300FT	6	24OCT95	
CONSTR RDS LT BNK-SEGM 43-40; L= 300FT	6	24OCT95	
DIVERSN ABV GRND U/S PORT-EXCAVATION	40	21AUG95	
DIVERSION WORKS COMPLETE	360	20AUG95	L
DIVERSN ABV GRND U/S PORT-TRANS CONC	24	18DEC95	
DIVERSN ABV GRND U/S PORT-GATE STRUCT	54	30JAN96	
DIVERSN ABV GRND U/S PORT-GATES&HOISTS	110	3APR96	L
DIVERSN ABV GRND D/S PORT-EXCAVATION	30	1FEB96	L
DIVERSN ABV GRND D/S PORT-CONC&GUIDES	48	14MAR96	L
DIVERSN BLV GRND U/S-TUNL HEADING 1200FT	60	7OCT95	
DIVERSN BLV GRND U/S -CURB CONC	12	18DEC95	L
DIVERSN BLV GRND U/S-LINING CONC 1200FT	30	16JAN96	L
DIVERSN BLV GRND U/S-FLOOR CONC 1200FT	15	21FEB96	L
DIVERSN BLV GRND D/S-TUNL HEADING 100FT	5	8MAR96	L
DIVERSN BLV GRND D/S -CURB CONC	12	14MAR96	L
DIVERSN BLV GRND D/S-LINING CONC 100FT	3	28MAR96	L
DIVERNS BLV GRND D/S-FLOOR CONC 100FT	2	1APR96	L
DIVERSN PLUG-CLOSE U/S GATES	6	1FEB	
DIVERSION WORKS PLUGGED	80	1FEB	
DIVERSN PLUG - CLOSE D/S STOPLOGS	6	8FEB	
DIVERSN PLUG - CONC PLUG	36	15FEB	
DIVERSN PLUG - GROUT	18	29MAR	
DIVERN-REMOVE U/S GATES & GATE STRUCTURE	25	29MAR	
COFFERDAMS-PLACE U/S-ROCK CLOSURE DAM	24	3SEP96	XXXXXXXXXXXXXX L
TO EL915 Q=41900CY	12	3SEP96	XXXXXXX L
UPSTREAM COFFERDAM	108	1SEP96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
COFFERDAM	138	1SEP96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
COFFERDAMS-PLACE U/S-GROUTING	60	1OCT96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
COFFERDAMS-PLACE U/S-COMPL C/U Q=36900CY	6	11DEC96	XXXX
COFFERDAMS-DEWATER	6	10JAN97	XXXX
COFFERDAMS-PLACE D/S-CLOS DAM Q=47000CY	13	1OCT96	XXXXXXXX

SFBI02D BI-WEEKLY BARCHART PART D
RUNDATE: 12-OCT-82 11:57:38 SORTED BY: AC CN

D E S C R I P T I O N	DUR WEEKS	SCHED START	96 SEP / OCT / NOV / DEC / 97 JAN 3000001111122222000001111122222300000111112222230000111112222230000011111 0135791357913579135791357913579124680246802468024680246802468013579135791
DOWNSTREAM COFFERDAM	101	1OCT96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
COFFERDAMS-PLACE D/S-RIPRAP Q= 1630CY	6	16OCT96	XXXX
COFFERDAMS-PLACE D/S-GROUTING	60	16OCT96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
COFFERDAMS-REMOVE D/S ONLY-FLOOD	6	26APR99	
REMOVE D/S COFFERDAM	24	26APR99	
COFFERDAMS-REMOVE D/S ONLY-REM Q=42000CY	15	3MAY99	
MN DAM EXC RT BANK-THRUST BLOCK	4	25JAN96	
MAIN DAM-RIGHT ABUTMENT -EXCAVATION	386	30JAN96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
... -RIGHT THRUST BLOCK -CONCRETE	275	30JAN96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
... DAM EXC RT BANK-EL.1300 - EL.1350	4	18DEC96	XXXXXXXXXX
... EXC RT BANK-EL.1200 - EL.1300	6	7JAN97	XXXX
... RT BANK-EL.1100 - EL.1200	9	14JAN97	XXXX
... RT BANK-EL.1000 - EL.1100	10	24JAN97	
... RT BANK-EL. 900 - EL.1000	11	5FEB97	
... BED-EXC U/S ALLUVIUM	12	17JAN97	XX
... BED-U/S CONSOLID GROUTING	15	31JAN97	
-TO EL.900 L=24700FT	15	31JAN97	
... BED-U/S CONSOL GROUT CONF	80	24JUL97	
L=65000FT	80	24JUL97	
... -REMOVE ABUTM MAT'L	20	24FEB97	
... EXCAVATION	48	23FEB97	
... BED-REM ALLUV EL820-EL900	12	19MAR97	
... BED-EXCAV KEYWAY	7	2APR97	
... BED-EXC D/S ALLUVIUM	12	17JAN97	XX
... R BED-D/S CONSOLID GROUTING	15	31JAN97	
-TO EL.900 L=22230FT	15	31JAN97	
... AC RVR ... -D/S CONSOL GROUT CONF	80	24JUL97	
L=65000FT	80	24JUL97	
... M EXC LT BANK-THRUST BLOCK	9	21AUG95	
... N DAM-LEFT ABUTMENT -EXCAVATION	542	31AUG95	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
... AIN DAM-LEFT THRUST BLOCK -CONCRETE	313	31AUG95	
MN DAM EXC LT BANK-EL.1300 - EL.1350	4	18DEC96	XXXXXXXXXX
MN DAM EXC LT BANK-EL.1200 - EL.1300	10	7JAN97	XXXXXX
MN DAM EXC LT BANK-EL.1100 - EL.1200	11	18JAN97	XX
MN DAM EXC LT BANK-EL.1000 - EL.1100	10	31JAN97	
MN DAM EXC LT BANK-EL. 900 - EL.1000	9	12FEB97	
MD DAM CONC-RT BNK-THRUST BLOCK	156	29APR96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
MD DAM CONC-RT BNK-BLCK 14 EL1310-EL1350	58	28APR97	
MAIN DAM-RIGHT HALF -CONCRETE	1621	28APR97	
MD DAM CONC-RT BNK-BLCK 14 EL1350-EL1463	259	8JUL97	
MD DAM CONC-RT BNK-BLCK 13 EL1266-EL1310	65	28APR97	
MD DAM CONC-RT BNK-BLCK 13 EL1310-EL1463	314	16JUL97	
MD DAM CONC-RT BNK-BLCK 12 EL1226-EL1266	58	28APR97	
MD DAM CONC-RT BNK-BLCK 12 EL1266-EL1463	376	8JUL97	
MD DAM CONC-RT BNK-BLCK 11 EL1186-EL1226	58	28APR97	
MD DAM CONC-RT BNK-BLCK 11 EL1226-EL1463	531	8JUL97	
MD DAM CONC-RT BNK-BLCK 10 EL1148-EL1186	58	28APR97	

C P M SCHEDULE TIME NOW 1JUL95

BFBI020 BI-WEEKLY BARCHART PART II

RUNDATE: 12-OCT-82 11:57:38 SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START	96 ASEP OCT NOV DEC 97 JAN 300000111112222200000111112222230000111112222230000111112222230000011111 013579135791357913579135791357912468024680246802468024680246801357913579
MD DAM CONC-RT BNK-BLCK 10 EL1186-EL1463	586	8JUL97	
MD DAM CONC-RT BNK-BLCK 9 EL1110-EL1148	58	28APR97	
MD DAM CONC-RT BNK-BLCK 9 EL1148-EL1463	635	8JUL97	
MD DAM CONC-RT BNK-BLCK 8 EL1078-EL1110	50	28APR97	
MD DAM CONC-RT BNK-BLCK 8 EL1110-EL1463	690	26JUN97	
MD DAM CONC-RT BNK-BLCK 7 EL1046-EL1078	50	28APR97	
MD DAM CONC-RT BNK-BLCK 7 EL1078-EL1463	731	26JUN97	
MD DAM CONC-RT BNK-BLCK 6 EL1014-EL1046	50	28APR97	
MD DAM CONC-RT BNK-BLCK 6 EL1046-EL1463	877	26JUN97	
MD DAM CONC-RT BNK-BLCK 5 EL 968-EL1014	72	28APR97	
MD DAM CONC-RT BNK-BLCK 5 EL1014-EL1463	918	24JUL97	
MD DAM CONC-RT BNK-BLCK 4 EL 916-EL 968	79	28APR97	
MD DAM CONC-RT BNK-BLCK 4 EL 968-EL1463	980	1AUG97	
MD DAM CONC-RT BNK-BLCK 3 EL 869-EL 916	72	28APR97	
MD DAM CONC-RT BNK-BLCK 3 EL 916-EL1463	1153	24JUL97	
MD DAM CONC-RT BNK-BLCK 2 EL 820-EL 869	72	28APR97	
MD DAM CONC-RT BNK-BLCK 2 EL 869-EL1463	1215	24JUL97	
MD DAM CONC-RT BNK-BLCK 1 EL 820-EL1463	1284	27MAY97	
START LAG	24	28APR97	
MD DAM CONC-LT BNK-BLCK 1 EL 820-EL1463	1288	28APR97	
MD DAM CONC-LT BNK-BLCK 2 EL 820-EL 867	72	28APR97	
MD DAM CONC-LT BNK-BLCK 2 EL 867-EL1463	1222	24JUL97	
MD DAM CONC-LT BNK-BLCK 3 EL 867-EL 919	79	28APR97	
MD DAM CONC-LT BNK-BLCK 3 EL 919-EL1463	1146	1AUG97	
MD DAM CONC-LT BNK-BLCK 4 EL 919-EL 981	94	28APR97	
MD DAM CONC-LT BNK-BLCK 4 EL 981-EL1463	966	19AUG97	
MD DAM CONC-LT BNK-BLCK 5 EL 981-EL1034	79	28APR97	
MD DAM CONC-LT BNK-BLCK 5 EL1034-EL1463	890	1AUG97	
MD DAM CONC-LT BNK-BLCK 6 EL1034-EL1083	72	28APR97	
MD DAM CONC-LT BNK-BLCK 6 EL1083-EL1463	821	24JUL97	
MD DAM CONC-LT BNK-BLCK 7 EL1083-EL1135	79	28APR97	
MD DAM CONC-LT BNK-BLCK 7 EL1135-EL1463	655	1AUG97	
MD DAM CONC-LT BNK-BLCK 8 EL1135-EL1187	79	28APR97	
MD DAM CONC-LT BNK-BLCK 8 EL1187-EL1463	586	1AUG97	
MD DAM CONC-LT BNK-BLCK 9 EL1187-EL1247	86	28APR97	
MD DAM CONC-LT BNK-BLCK 9 EL1247-EL1463	404	9AUG97	
MD DAM CONC-LT BNK-BLCK 10 EL1247-EL1303	86	28APR97	
MD DAM CONC-LT BNK-BLCK 10 EL1303-EL1463	321	9AUG97	
MD DAM CONC-LT BNK-BLCK 11 EL1303-EL1340	48	28APR97	
MD DAM CONC-LT BNK-BLCK 11 EL1340-EL1463	272	24JUN97	
MAIN DAM-LEFT HALF -CONCRETE	1598	28APR97	
MD DAM CONC-LT BNK-BLCK 12 EL1340-EL1350	14	28APR97	
MD DAM CONC-LT BNK-BLCK 12 EL1350-EL1463	159	14MAY97	
MD DAM CONC-LT BNK-THRUST BLOCK	250	31AUG95	
MD DRN&GRT-LT BNK-SHAFT-L= 55FT	15	18MAR96	
MN DM DRAIN&GROUT-SHAFTS & GALL-LEFT BNK	425	18MAR96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
MD DRN&GRT-LT BNK-SHAFT-L=110FT	10	4APR96	

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C P M SCHEDULE   TIME NOW 1JUL95

BFB1020 BI-WEEKLY BARCHART PART D

RUNDATE: 12-OCT-82 11:57:38 SORTED BY: AC CN

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                                        96                                                          97
                                        ASEP       OCT              NOV              DEC              JAN
                                        30000011111222222000001111122222300000111112222230000011111222223000001111
                                        01357913579135791357913579135791246802468024680246802468024680135791357 9
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DESCRIPTION	DUR WEEKS	SCHED START	
MD DRN&GRT-LT BNK-SHAFT-L=120FT	10	18APR96	
MD DRN&GRT-LT BNK-ACC TNL-EL1190-L=195FT	15	15APR96	
MD DRN&GRT-LT BNK-ACC TNL-EL1190-CON SLB	6	9MAY96	
MD DRN&GRT-LT BNK-ACC TNL-EL1070-L=190FT	12	1APR96	
MD DRN&GRT-LT BNK-ACC TNL-EL1070-CON SLB	5	1JUN96	
MD DRN&GRT-LT BNK-ACC TNL-EL 900-L=170FT	11	18MAR96	
MD DRN&GRT-LT BNK-ACC TNL-EL 900-CON SLB	5	26APR96	
MD DRN&GRT-LT BNK-GALLERS-EL1190-L=315FT	20	4APR96	
MD DRN&GRT-LT BNK-GALLERS-EL1190-CON SLB	8	30APR96	
MD DRN&GRT-LT BNK-GALLERS-EL1190-DRAIN	30	9MAY96	
MD DRN&GRT-LT BNK-GALLERS-EL1190-GROUT	30	9MAY96	
MD DRN&GRT-LT BNK-GALLERS-EL1070-L=470FT	25	18APR96	
MD DRN&GRT-LT BNK-GALLERS-EL1070-CON SLB	12	17MAY96	
MD DRN&GRT-LT BNK-GALLERS-EL1070-GROUT	45	1JUN96	
MD DRN&GRT-LT BNK-GALLERS-EL1070-DRAIN	45	1JUN96	
MD DRN&GRT-LT BNK-GALLERS-EL 960-L=475FT	25	30APR96	
MD DRN&GRT-LT BNK-GALLERS-EL 960-CON SLB	12	30MAY96	
MD DRN&GRT-LT BNK-GALLERS-EL 960-GROUT	45	13JUN96	
MD DRN&GRT-LT BNK-GALLERS-EL 960-DRAIN	45	13JUN96	
MD DRN&GRT-LT BNK-GALLERS-EL 900-L=225FT	15	30MAR96	
MD DRN&GRT-LT BNK-GALLERS-EL 900-CON SLB	6	19APR96	
MD DRN&GRT-LT BNK-GALLERS-EL 900-GROUT	25	26APR96	
MD DRN&GRT-LT BNK-GALLERS-EL 900-DRAIN	25	26APR96	
MD DRN&GRT-LT BNK-GALLERS-EL 820-L=175FT	12	2APR97	
MD DRN&GRT-LT BNK-GALLERS-EL 820-CON SLB	5	18APR97	
MD DRN&GRT-LT BNK-GALLERS-EL 820-GROUT	20	24APR97	
MD DRN&GRT-LT BNK-GALLERS-EL 820-DRAIN	20	24APR97	
MD DRN&GRT-RT BNK-ACC TNL-EL1240-L=135FT	10	21NOV96	XXXXXXX
MD DRN&GRT-RT BNK-ACC TNL-EL1240-CON SLB	4	4FEB97	
MD DRN&GRT-RT BNK-ACC TNL-EL1070-L=170FT	15	9NOV96	XXXXXXXXXX
MD DRN&GRT-RT BNK-ACC TNL-EL1070-CON SLB	5	16JAN97	XXX
MD DRN&GRT-RT BNK-ACC TNL-EL 900-L=190FT	15	15FEB97	
MD DRN&GRT-RT BNK-ACC TNL-EL 900-CON SLB	5	27MAR97	
MD DRN&GRT-RT BNK-GALLERS-EL1370-L=280FT	30	18MAR96	
MN DM DRAIN&GROUT-GALLERIES -RIGHT BANK	467	18MAR96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
MD DRN&GRT-RT BNK-GALLERS-EL1370-CON SLB	7	24APR96	
MD DRN&GRT-RT BNK-GALLERS-EL1370-GROUT	30	2MAY96	
MD DRN&GRT-RT BNK-GALLERS-EL1370-DRAIN	30	2MAY96	
MD DRN&GRT-RT BNK-GALLERS-EL1240-L=180FT	35	3DEC96	XXXXXXXXXXXXXXXXXXXXXXX
MD DRN&GRT-RT BNK-GALLERS-EL1240-CON SLB	5	29JAN97	
MD DRN&GRT-RT BNK-GALLERS-EL1240-GROUT	20	4FEB97	
MD DRN&GRT-RT BNK-GALLERS-EL1240-DRAIN	20	4FEB97	
MD DRN&GRT-RT BNK-GALLERS-EL1070-L=350FT	20	27NOV96	XXXXXXXXXXXXX
MD DRN&GRT-RT BNK-GALLERS-EL1070-CON SLB	9	6JAN97	XXXXXX
MD DRN&GRT-RT BNK-GALLERS-EL1070-GROUT	35	16JAN97	XXX
MD DRN&GRT-RT BNK-GALLERS-EL1070-DRAIN	35	16JAN97	XXX
MD DRN&GRT-RT BNK-GALLERS-EL 960-L=500FT	25	14MAR97	

BFBI02D   BI-WEEKLY BARCHART PART D
RUNDATE: 12-OCT-82 11:57:38   SORTED BY: AC CN

D E S C R I P T I O N	DUR WEEKS	SCHED START	96 ASEP OCT NOV DEC 97 JAN 30000011111222220000011111222223000011111222223000011111222223000011111 01357913579135791357913579135791246802468024680246802468024680135791357
MD DRN&GRT-RT BNK-GALLERS-EL 960-CON SLB	13	15APR97	
MD DRN&GRT-RT BNK-GALLERS-EL 960-GROUT	50	30APR97	
MD DRN&GRT-RT BNK-GALLERS-EL 960-DRAIN	50	30APR97	
MD DRN&GRT-RT BNK-GALLERS-EL 900-L= 80FT	7	6MAR97	
MD DRN&GRT-RT BNK-GALLERS-EL 900-L=185FT	6	14MAR97	
MD DRN&GRT-RT BNK-GALLERS-EL 900-CON SLB	5	21MAR97	
MD DRN&GRT-RT BNK-GALLERS-EL 900-GROUT	20	27MAR97	
MD DRN&GRT-RT BNK-GALLERS-EL 900-DRAIN	20	27MAR97	
MD DRN&GRT-RT BNK-GALLERS-EL 820-L=140FT	10	2APR97	
MD DRN&GRT-RT BNK-GALLERS-EL 820-CON SLB	4	16APR97	
MD DRN&GRT-RT BNK-GALLERS-EL 820-DRAIN	15	21APR97	
MD DRN&GRT-RT BNK-GALLERS-EL 820-GROUT	15	21APR97	
SADDLE DAM-GALLERY-HORIZ TUNNEL L=590FT	40	17FEB98	
SADDLE DAM-DRAIN&GROUT-SHAFTS & GALL	145	16FEB98	
SADDLE DAM-GALLERY-CONC SLAB	10	7APR98	
SADDLE DAM-GALLERY-GROUTING	55	18APR98	
SADDLE DAM-GALLERY-DRAINAGE	55	18APR98	
SADDLE DAM-GALLERY-INCL TUNNEL L=540FT	45	17FEB98	
SADDLE DAM-GALLERY-CONC SLAB	15	13APR98	
SADDLE DAM-GALLERY-GROUTING	60	30APR98	
SADDLE DAM-GALLERY-DRAINAGE	60	30APR98	
SADDLE DAM-DM EL1215-1300-DRAIN LAKE	30	26OCT98	
SADDLE DAM-DRAIN AREA & EXCAV	128	26OCT98	
SADDLE DAM-DM EL1215-1300-EXC OVERBURDEN	40	1DEC98	
SADDLE DAM-DM EL1215-1300-EXC ROCK TRENC	25	1FEB99	
SADDLE DAM-DM EL1215-1300-CONSOL GROUT	40	3MAY99	
SADDLE DAM-FOUND PREP & FILL	368	3MAY99	
SADDLE DAM-DM EL1215-1300-FILL	40	19JUN99	
SADDLE DAM-DM EL1300-1470-EXC OVRBURDEN	15	26OCT98	
SADDLE DAM-DM EL1300-1470-EXC ROCK TRENC	45	12NOV98	
SADDLE DAM-DM EL1300-1470-CONSOL GROUT	35	3MAY99	
SADDLE DAM-DM EL1300-1470-FILL	217	6AUG99	
INT&PF-INT APPR CHN&STRUC-EXC Q=300600CY	134	5MAY97	
INT&PF-INT APPR CHN&STRUC-CONC BLOCK A	168	29MAY98	
INTAKE-START CONCRETE	200	29MAY98	
INT&PF-INT APPR CHN&STRUC-GUIDES 1	25	15DEC98	
INTAKE-FINISH CONCRETE	163	15DEC98	
INTAKE-START GUIDES GATES & HOISTS	224	15DEC98	
INT&PF-INT APPR CHN&STRUC-GATES 1	25	28JAN99	
INT&PF-INT APPR CHN&STRUC-TOWERS 1	25	27FEB99	
INT&PF-INT APPR CHN&STRUC-HOISTS 1	25	29MAR99	
INT&PF-INT APPR CHN&STRUC-START LAG	24	29MAY98	
INT&PF-INT APPR CHN&STRUC-CONC BLOCK B	268	26JUN98	
INT&PF-INT APPR CHN&STRUC-GUIDES 2	25	27MAY99	
INT&PF-INT APPR CHN&STRUC-GATES 2	25	26JUN99	
INT&PF-INT APPR CHN&STRUC-TOWERS 2	25	27JUL99	
INT&PF-INT APPR CHN&STRUC-HOISTS 2	25	25AUG99	

SFBI02D   BI-WEEKLY BARCHART PART D
RUNDATE: 12-OCT-82 11:57:38   SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START	96 ASEP OCT NOV DEC JAN 97 3000001111122222000001111122222300001111122222300001111122222300000011111 0135791357913579135791357913579124680246802468024680246802468013579135 79
INT&PF-INT APPR CHN&STRUC-CONC BLOCK C	168	29MAY98	
INT&PF-INT APPR CHN&STRUC-GUIDES 3	25	26JUN99	
INT&PF-INT APPR CHN&STRUC-GATES 3	25	27JUL99	
INT&PF-INT APPR CHN&STRUC-TOWERS 3	25	25AUG99	
INT&PF-INT APPR CHN&STRUC-HOISTS 3	25	24SEP99	
INT&PF-INT APPR CHN&STRUC-START LAG	24	29MAY98	
INT&PF-INT APPR CHN&STRUC-CONC BLOCK D	268	26JUN98	
INT&PF-INT APPR CHN&STRUC-GUIDES 4	25	27JUL99	
INTAKE-FINISH GUIDES GATES & HOISTS	117	27JUL99	
INT&PF-INT APPR CHN&STRUC-GATES 4	25	25AUG99	
INT&PF-INT APPR CHN&STRUC-TOWERS 4	25	24SEP99	
INT&PF-INT APPR CHN&STRUC-HOISTS 4	25	23OCT99	
INT&PF-PENSTOCKS-EXCAV Q= 55100CY	174	17OCT97	
PENSTOCKS -EXCAVATION	224	17OCT97	
INT&PF-PENSTOCKS-CONCRETE	475	29MAY98	
PENSTOCKS -LININGS	715	29MAY98	
INT&PF-PENSTOCKS-LINING	100	14JAN	
INT&PF-PENSTOCKS-EXC PNSTK ADIT L=1000FT	60	7AUG97	
TRANSFORMER GALLERY -EXCAVATION	14	17OCT97	
INT&PF-PH ACC-PORTAL	45	26SEP96	XXXXXXXXXXXXXXXXXXXXXXXXXX
POWERHOUSE-ACCESS TUNNELS	344	26SEP96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
INT&PF-PH ACC-TNL S/W TK-OFF L=1000FT	60	18NOV96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
INT&PF-PH ACC-TNL PNSTK ADIT L=2400FT	145	12FEB97	
INT&PF-PH ACC-TUNNEL UNDER S/W L= 560FT	35	12FEB97	
INT&PF-PH ACC-TUNNEL TO TRANSFORMER	12	7AUG97	
GALLERY TAKE-OFF L= 200FT	12	7AUG97	
INT&PF-PH ACC-TNL TO SC TK-OFF L= 500FT	3	21AUG97	
INT&PF-PH ACC-TNL TO PH VLT L= 150FT	9	25AUG97	
INT&PF-PH ACC-TNL TO TRANS GALL L= 250FT	15	21AUG97	
INT&PF-PH ACC-TNL TO SURGE CHAM L= 200FT	15	25AUG97	
INT&PF-PH VLT-EXC UPPER VAULT Q= 60000CY	125	5SEP97	
POWERHOUSE-EXCAVATION -START	246	5SEP97	
INT&PF-PH VLT-ST EXC SUBSTRUC Q= 20000CY	45	16MAR98	
INT&PF-PH VLT-FN EXC SUBSTRUC Q= 15000CY	35	9MAY98	
POWERHOUSE-EXCAVATION-FINISH	42	9MAY98	
INT&PF-PH VLT-CONC SERVICE BAY	108	9MAY98	
POWERHOUSE-SUBSTRUCTURE CONC -START	360	9MAY98	
INT&PF-PH VLT-INSTALL PH CRANE	36	16SEP98	
INT&PF-PH VLT-START 1ST STAGE CONC UNIT1	96	16SEP98	
INT&PF-PH VLT-FINIS 1ST STAGE CONC UNIT1	84	22JAN99	
POWERHOUSE-2ND STAGE CONCRETE-START	192	4MAY99	
POWERHOUSE-SUBSTRUCTURE CONC -CONTINUE	14	4MAY99	
TURBINE EMBEDDED PARTS-START	358	4MAY99	
INT&PF-PH VLT- 2ST STAGE CONC UNIT1	72	19AUG99	
POWERHOUSE 2ND STAGE CONC-CONT	273	12NOV99	
INT&PF-PH VLT-START 1ST STAGE CONC UNIT2	96	22JAN99	
INT&PF-PH VLT-FINIS 1ST STAGE CONC UNIT2	84	18MAY99	

C P M SCHEDULE

TIME NOW 1JUL95

BFBI02D BI-WEEKLY BARCHART PART D

RUNDATE: 12-OCT-82 11:57:38 SORTED BY: AC CN

D E S C R I P T I O N	DUR WEEKS	SCHED START	96 ASEP OCT NOV DEC 97 JAN 300000111112222200000111112222230000011111222223000001111122222300000 11111 0135791357913579135791357913579124680246802468024680246802468013579 13579
INT&PF-PH VLT- 2ST STAGE CONC UNIT2	72	11DEC99	
INT&PF-PH VLT-START 1ST STAGE CONC UNIT3	96	18MAY99	
POWERHOUSE-SUBSTRUCTURE CONC -FINISH	344	18MAY99	
INT&PF-PH VLT-FIN 1ST STAGE CONC UNIT3	84	10SEP99	
INT&PF-PH VLT- 2ND STAGE CONC UNIT3	72	19APR	
INT&PF-PH VLT-START 1ST STAGE CONC UNIT4	96	10SEP99	
INT&PF-PH VLT-FIN 1ST STAGE CONC UNIT4	84	15JAN	
INT&PF-PH VLT- 2ND STAGE CONC UNIT4	72	11AUG	
INT&PF-TRF GALL-EXC Q=22000CY	45	9SEP97	
INT&PF-TRF GALL-CONC	84	31OCT97	
TRANSF GALL & CABLE SHAFTS -CONC	405	31OCT97	
INT&PF-TRF GALL-INST TRF GALL EQUIP	150	24FEB98	
INT&PF-TRF GALL-EXC BUS TUNNEL Q= 5340CY	55	31OCT97	
INT&PF-TRF GALL-CONC BUS TUNNELS	20	20JAN98	
INT&PF-TRF GALL-INST BUS TUNNEL EQUIP	100	12FEB98	
INT&PF-TRF GALL-EXC CABLE SHFT Q= 3000CY	60	15JUN98	
INT&PF-TRF GALL-LINING CABLE SHAFTS	90	25AUG98	
INT&PF-TRF GALL-INST CABLE SHAFT EQUIP	100	10DEC98	
INT&PF-SRG CHBR-EXC UPPER PART Q=90000CY	95	12SEP97	
SURGE CHAMBER -EXCAVATION	233	12SEP97	
INT&PF-SRG CHBR-ST EXC LWR PRT Q=30000CY	35	2FEB98	
INT&PF-SRG CHBR-FN EXC LWR PRT Q=35000CY	40	16MAR98	
INT&PF-SRG CHBR-CONCRETE	90	4MAY98	
SURGE CHAMBER -CONC & GATES	301	3MAY98	
TAILRACE TUNNEL -LINING	215	3MAY98	
INT&PF-SRG CHBR-GATES	150	19AUG98	
INT&PF-TR TUNNL-PORTAL DEVELOPMENT	30	17OCT96	XXXXXXXXXXXXXXXXXX
TAILRACE TUNNEL -EXCAVATION	472	17OCT96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
INT&PF-TR TUNNL-TUNNELLING L= 6800FT	340	21NOV96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
INT&PF-TR TUNNL-LINING	180	4MAY98	
GEN EQUIP -TURB U-1 -INST EMB PARTS	90	4MAY99	
TURBINES & GENERATORS-START	443	19AUG99	
GEN EQUIP -TURB U-1 -INST REM PARTS	288	12NOV99	
TURBINES & GENERATORS-CONTINUE		4NOV	
GEN EQUIP -TURB U-2 -INST EMB PARTS	90	26AUG99	
GEN EQUIP -TURB U-2 -INST REM PARTS	288	20MAR	
GEN EQUIP -TURB U-3 -INST EMB PARTS	90	18DEC99	
GEN EQUIP -TURB U-3 -INST REM PARTS	288	14JUL	
TURBINE EMBEDDED PARTS FINISH	107	26APR	
GEN EQUIP -TURB U-4 -INST EMB PARTS	90	26APR	
POWERHOUSE 2ND STAGE CONC-FIN	85	11AUG	
GEN EQUIP -TURB U-4 -INST REM PARTS	288	4NOV	
TURBINES & GENERATORS-FINISH	358	4NOV	
GEN EQUIP -GENERATOR U-1 -INSTALL	288	12NOV99	
GEN EQUIP -TEST & COMMISSION -U1	30	4NOV	
TURBINES & GENERATORS-TEST&COMMISSION	395	4NOV	
GEN EQUIP -GENERATOR U-2 -INSTALL	288	20MAR	

14112 G.B.

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C P M   SCHEDULE   TIME NOW 1JUL95

BFB102D   BI-WEEKLY BARCHART PART D

RUNDATE: 12-OCT-82 11:57:38   SORTED BY: AC CN

D E S C R I P T I O N	DUR WEEKS	SCHED START	96 ASEP / OCT / NOV / DEC / 97 JAN 300000111112222200000111112222230000111112222230000111112222230000011111 013579135791357913579135791357912468024680246802468024680246801357913579
GEN EQUIP -TEST & COMMISSION -U2	30	13MAR 1	
GEN EQUIP -GENERATOR U-3 -INSTALL	288	14JUL	
GEN EQUIP -TEST & COMMISSION -U3	30	7JUL 1	
GEN EQUIP -GENERATOR U-4 -INSTALL	288	4NOV	
GEN EQUIP -TEST & COMMISSION -U4	30	29OCT 1	
CHUTE S/W HDWK-APP CHN-ST EXC Q= 73100CY	20	12AUG96	XXX
CHUTE S/W HDWK-APP CHN-CN EXC Q= 29100CY	15	5SEP96	XXXXXXXXX
CHUTE S/W HDWK-APP CHN-FN EXC Q= 38800CY	20	23SEP96	XXXXXXXXXXXX
CHUTE S/W HDWK-STRUCT -ST EXC Q= 62300CY	25	12AUG96	XXXXXX
CHUTE S/W HDWK-STRUCT -CN EXC Q= 30600CY	20	11SEP96	XXXXXXXXXXXX
CHUTE SPILLWAY-CHUTE&FLIP-EXC -START	253	11SEP96	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
CHUTE S/W HDWK-STRUCT -CN EXC Q= 20400CY	15	9SEP97	
CHUTE S/W HDWK-STRUCT -FN EXC Q= 10200CY	10	26SEP97	
CHUTE S/W HDWK-STRUCT-DRAIN TUNN L=140FT	20	9OCT97	
CHUTE SPILLWAY-HEADWORKS-CONCRETE-START	167	31OCT97	
CHUTE S/W HDWK-BLK A -CONC Q= 29600CY	126	31OCT97	
CHUTE SPILLWAY-HEADWORKS-CONCRETE-FINISH	43	16APR98	
CHUTE S/W HDWK-BLK A -GUIDES 1	25	16APR98	
CHT S/W-GUIDES,GATES,TOWER & HSTS-START	43	16APR98	
CHUTE S/W HDWK-BLK A -GATE 1	25	15MAY98	
CHUTE S/W HDWK-BLK A -TOWERS 1	25	15JUN98	
CHUTE S/W HDWK-BLK A -HOISTS 1	25	15JUL98	
CHUTE S/W HDWK-BLK B -START LAG	36	31OCT97	
CHUTE S/W HDWK-BLK B -CONC Q= 29600CY	126	13DEC97	
CHUTE S/W HDWK-BLK B -GUIDES 2	25	29MAY98	
CHT S/W-GUIDES,GATES,TOWER & HSTS-FINISH	148	29MAY98	
CHUTE S/W HDWK-BLK B -GATE 2	25	27JUN98	
CHUTE S/W HDWK-BLK B -TOWERS 2	25	28JUL98	
CHUTE S/W HDWK-BLK B -HOISTS 2	25	26AUG98	
CHUTE S/W HDWK-BLK C -CONC Q= 29600CY	126	31OCT97	
CHUTE S/W HDWK-BLK C -GUIDES 3	25	27JUN98	
CHUTE S/W HDWK-BLK C -GATE 3	25	28JUL98	
CHUTE S/W HDWK-BLK C -TOWERS 3	25	26AUG98	
CHUTE S/W HDWK-BLK C -HOISTS 3	25	25SEP98	
CHUTE S/W CHT DRN TNL-INCL UND CHT L=695	170	26JAN98	
CHUTE S/W CHT DRN TNL-HORZ UND FLP L=250	45	26JAN98	
CHUTE S/W CHT DRN TNL-HORZ UND CHT L= 80	14	18AUG98	
CHUTE S/W-CHUTE-SECT 20 -EXC Q= 31480CY	15	5MAY97	
CHUTE SPILLWAY-CHUTE&FLIP-EXC -FINISH	482	22MAY97	
CHUTE S/W-CHUTE-SECT 20 -ANCHORS & DRAIN	10	3SEP98	
CHUTE S/W-CHUTE-SECT 20 -CONC Q= 1890CY	78	16SEP98	
CHUTE SPILLWAY-CHUTE&FLIP-CONC -START		16SEP98	
CHUTE S/W-CHUTE-SECT 19 -EXC Q= 31480CY	15	22MAY97	
CHUTE S/W-CHUTE-SECT 19 -ANCHORS & DRAIN	10	16SEP98	
CHUTE S/W-CHUTE-SECT 19 -START LAG	24	9OCT98	
CHUTE S/W-CHUTE-SECT 19 -CONC Q= 1890CY	178	6NOV98	
CHUTE S/W-CHUTE-SECT 18 -EXC Q= 31480CY	15	10JUN97	

BFB1020 BI-WEEKLY BARCHART PART D
RUNDATE: 12-OCT-82 11:57:38 SORTED BY: AC CN

DESCRIPTION	DUR WEEKS	SCHED START
CHUTE S/W-CHUTE-SECT 18 -ANCHORS & DRAIN	10	28SEP98
CHUTE S/W-CHUTE-SECT 18 -CONC Q= 1890CY	178	9OCT98
CHUTE S/W-CHUTE-SECT 17 -EXC Q= 31480CY	15	27JUN97
CHUTE S/W-CHUTE-SECT 17 -ANCHORS & DRAIN	10	9OCT98
CHUTE S/W-CHUTE-SECT 17 -START LAG	24	2NOV98
CHUTE S/W-CHUTE-SECT 17 -CONC Q= 1890CY	178	1DEC98
CHUTE S/W-CHUTE-SECT 16 -EXC Q= 31480CY	15	17JUL97
CHUTE S/W-CHUTE-SECT 16 -ANCHORS & DRAIN	10	21OCT98
CHUTE S/W-CHUTE-SECT 16 -CONC Q= 1890CY	178	2NOV98
CHUTE S/W-CHUTE-SECT 15 -EXC Q= 31480CY	15	4AUG97
CHUTE S/W-CHUTE-SECT 15 -ANCHORS & DRAIN	10	2NOV98
CHUTE S/W-CHUTE-SECT 15 -START LAG	24	24MAY99
CHUTE S/W-CHUTE-SECT 15 -CONC Q= 1890CY	78	22JUN99
CHUTE S/W-CHUTE-SECT 14 -EXC Q= 31480CY	15	21AUG97
CHUTE S/W-CHUTE-SECT 14 -ANCHORS & DRAIN	10	13NOV98
CHUTE S/W-CHUTE-SECT 14 -START LAG	24	26APR99
CHUTE S/W-CHUTE-SECT 14 -CONC Q= 1890CY	78	24MAY99
CHUTE S/W-CHUTE-SECT 13 -EXC Q= 31480CY	15	9SEP97
CHUTE S/W-CHUTE-SECT 13 -ANCHORS & DRAIN	10	25NOV98
CHUTE S/W-CHUTE-SECT 13 -START LAG	24	24MAY99
CHUTE S/W-CHUTE-SECT 13 -CONC Q= 1890CY	78	22JUN99
CHUTE S/W-CHUTE-SECT 12 -EXC Q= 31480CY	15	26SEP97
CHUTE S/W-CHUTE-SECT 12 -ANCHORS & DRAIN	10	8DEC98
CHUTE S/W-CHUTE-SECT 12 -CONC Q= 1890CY	78	24MAY99
CHUTE S/W-CHUTE-SECT 11 -EXC Q= 31480CY	15	14OCT97
CHUTE S/W-CHUTE-SECT 11 -ANCHORS & DRAIN	10	4JAN99
CHUTE S/W-CHUTE-SECT 11 -START LAG	24	24MAY99
CHUTE S/W-CHUTE-SECT 11 -CONC Q= 1890CY	78	22JUN99
CHUTE S/W-CHUTE-SECT 10 -EXC Q= 31480CY	15	31OCT97
CHUTE S/W-CHUTE-SECT 10 -ANCHORS & DRAIN	10	15JAN99
CHUTE S/W-CHUTE-SECT 10 -CONC Q= 1890CY	78	24MAY99
CHUTE S/W-CHUTE-SECT 9 -EXC Q= 31480CY	15	18NOV97
CHUTE S/W-CHUTE-SECT 9 -ANCHORS & DRAIN	10	27JAN99
CHUTE S/W-CHUTE-SECT 9 -START LAG	24	22JUN99
CHUTE S/W-CHUTE-SECT 9 -CONC Q= 1890CY	78	21JUL99
CHUTE S/W-CHUTE-SECT 8 -EXC Q= 31480CY	15	6DEC97
CHUTE S/W-CHUTE-SECT 8 -ANCHORS & DRAIN	10	8FEB99
CHUTE S/W-CHUTE-SECT 8 -START LAG	24	24MAY99
CHUTE S/W-CHUTE-SECT 8 -CONC Q= 1890CY	78	22JUN99
CHUTE S/W-CHUTE-SECT 7 -EXC Q= 31480CY	15	8JAN98
CHUTE S/W-CHUTE-SECT 7 -ANCHORS & DRAIN	10	20FEB99
CHUTE S/W-CHUTE-SECT 7 -START LAG	24	22JUN99
CHUTE S/W-CHUTE-SECT 7 -CONC Q= 1890CY	78	21JUL99
CHUTE S/W-CHUTE-SECT 6 -EXC Q= 31480CY	15	26JAN98
CHUTE S/W-CHUTE-SECT 6 -ANCHORS & DRAIN	10	4MAR99
CHUTE S/W-CHUTE-SECT 6 -START LAG	24	24MAY99
CHUTE S/W-CHUTE-SECT 6 -CONC Q= 1890CY	78	22JUN99

Bar chart timeline header (no bars printed on this page):

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 96                                                                           97
ASEP         OCT                  NOV                 DEC                   JAN
3000001111122222000001111122222300001111122222300001111122222300000011111
0135791357913579135791357913579124680246802468024680246802468013579135 79
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BFB102D   BI-WEEKLY BARCHART PART D
RUNDATE: 12-OCT-82 11:57:38   SORTED BY: AC CN

96 ASEP   OCT   NOV   DEC   97 JAN
3000001111122222000001111122222300001111122222300001111122222300000111111
0135791357913579135791357913579124680246802468024680246802468013579135791

DESCRIPTION	DUR WEEKS	SCHED START
CHUTE S/W-CHUTE-SECT 5 -EXC Q= 31480CY	15	12FEB98
CHUTE S/W-CHUTE-SECT 5 -ANCHORS & DRAIN	10	16MAR99
CHUTE S/W-CHUTE-SECT 5 -START LAG	24	22JUN99
CHUTE S/W-CHUTE-SECT 5 -CONC Q= 1890CY	78	21JUL99
CHUTE S/W-CHUTE-SECT 4 -EXC Q= 31480CY	15	3MAR98
CHUTE S/W-CHUTE-SECT 4 -ANCHORS & DRAIN	10	27MAR99
CHUTE S/W-CHUTE-SECT 4 -START LAG	24	24MAY99
CHUTE S/W-CHUTE-SECT 4 -CONC Q= 1890CY	78	22JUN99
CHUTE S/W-CHUTE-SECT 3 -EXC Q= 31480CY	15	20MAR98
CHUTE S/W-CHUTE-SECT 3 -ANCHORS & DRAIN	10	10APR99
CHUTE S/W-CHUTE-SECT 3 -START LAG	24	21JUL99
CHUTE S/W-CHUTE-SECT 3 -CONC Q= 1890CY	78	18AUG99
CHUTE S/W-CHUTE-SECT 2 -EXC Q= 31480CY	15	9APR98
CHUTE S/W-CHUTE-SECT 2 -ANCHORS & DRAIN	10	22APR99
CHUTE S/W-CHUTE-SECT 2 -START LAG	24	22JUN99
CHUTE S/W-CHUTE-SECT 2 -CONC Q= 1890CY	78	21JUL99
CHUTE S/W-CHUTE-SECT 1 -EXC Q= 31480CY	15	27APR98
CHUTE S/W-CHUTE-SECT 1 -ANCHORS & DRAIN	10	4MAY99
CHUTE S/W-CHUTE-SECT 1 -START LAG	24	21JUL99
CHUTE S/W-CHUTE-SECT 1 -CONC Q= 1890CY	78	18AUG99
CHUTE S/W-CHUTE-FLIP -EXC Q= 31480CY	15	14MAY98
CHUTE SPILLWAY-CHUTE&FLIP-CONC -FINISH	428	16SEP98
CHUTE S/W-CHUTE-FLIP -ANCHORS & DRAIN	10	15MAY99
CHUTE S/W-CHUTE-FLIP -CONC Q= 2000CY	78	18AUG99
EMERG S/W -EXC -OVERBURDEN Q= 40000CY	5	3MAY99
EMERGENCY SPILLWAY-EXC -START	195	3MAY99
EMERG S/W -EXC -OVERBURDEN Q=100000CY	15	8MAY99
EMERG S/W -EXC -OVERBURDEN Q=141500CY	20	26MAY99
EMERG S/W -EXC -ROCK Q= 58500CY	15	8MAY99
EMERG S/W -EXC -ROCK Q=561500CY	145	26MAY99
EMERGENCY SPILLWAY-EXC -FINISH	207	14NOV99
EMERGENCY SPILLWAY-GROUND SLAB & BRIDGE	243	14NOV99
EMERG S/W -EXC -ROCK Q=614500CY	160	15NOV99
EMERG S/W -GRND SLAB -CONSOL GROUT	20	15NOV99
EMERG S/W -GRND SLAB -CONSOL GROUT	10	9DEC99
EMERG S/W -GRND SLAB -CONC SLABS	75	9DEC99
EMERG S/W -GRND SLAB -CONC SLABS	75	21MAR
EMERG S/W -GRND SLAB -ROCK ANCHORS	20	20JUN
EMERG S/W -BRIDGE -ERECT	150	15NOV99
EMERG S/W -FUSE PLUG-FILL Q=26000CY	20	14JUL
SERV S/W VALVES-INSTALL IN DAM	225	26APR99
SERV S/W VALVES-CLOSE & IMPOUND RESERV.	50	5MAY

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