



CPP WATER BALANCE						
DAILY OPERATION (HOURS PER DAY)					16	16
NUMBER OF CTG TRAINS OPERATING					4	4
AMBIENT DRY BULB / RH					82°/47%	89°/36%
CHILLER COOLING TOWER BLOWDOWN (CYCLES)					10	10
STREAM	FROM	TO	AVG WATER USE (GPM)	MAX WATER USE (GPM)		
1	GWRS	PLANT RAW WATER SUPPLY	400	432		
2	RAW WATER TANK	DEMIN SYSTEM	252	257		
3	1st STAGE RO FILTER REJECT	DRAIN SYSTEM	63	64		
4	1st STAGE RO	2nd STAGE R/O	189	193		
5	2nd STAGE RO	MIXED BED POLISHERS	189	193		
6	RO & CHILLER RECOVERY	MIXED BED POLISHERS	228	228		
7	MIXED BED POLISHERS	4 LM6000s	228	228		
8	4 LM6000s	ATMOSPHERE	228	228		
9	RAW WATER TANK	CHILLER COOLING TOWERS	148	174		
10	CHILLER CT EVAP, DRIFT	ATMOSPHERE	133	157		
11	CHILLER CT BLOWDOWN	DRAIN SYSTEM	15	17		
12	PLANT DRAIN SYSTEM	CITY SEWERS	78	82		
13	COA POTABLE WATER SYSTEM	PLANT POTABLE WATER USE	4	10		
14	PLANT POTABLE WATER	FIRE WATER SYSTEM	0	0		
15	DOMESTIC/SANITARY USE	CITY SEWERS	4	10		
16	CHILLER COOLING COILS	MIXED BED POLISHERS	39	35		
17	PLANT COMBINED WASTE WATER	CITY SEWERS	82	92		

ANNUAL WATER USAGE:
 GWRS - AVERAGE - 37 AC-FT
 MAXIMUM - 74 AC-FT
 POTABLE WATER - AVERAGE - 1.5 AC-FT
 MAXIMUM - 3.0 AC-FT

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SCPPA SOUTHERN CALIFORNIA PUBLIC POWER AUTHORITY

CANYON POWER PLANT PROJECT
 ANAHEIM, CALIFORNIA
 WATER BALANCE DIAGRAM
 FIGURE 3-6

DR. JJB	APPROVED	DATE	DECEMBER 2007
DES. JJB			
CHK. SB	PRINCIPAL IN CHARGE	DATE	SHEET 8 OF

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