PMU-G-28
PRIMARY PLANT
MAKE-UP PUMP

PMU-G-28S
PRIMARY PLANT
MAKE-UP PUMP

PMU-D-7
PRIMARY PLANT
MAKE-UP TANK

PMU-D-7

DIAFLOTE MEMBRANE

OVERFLOW

PRIMARY SEAL WATER RETURN (CRS) 5178120 (C-12) CRS-8028-8"-EQ

FLASH EVAPORATOR CONDENSATE PUMPS FES-G-3B (FES) 5178278 (Q-1) FES-705-3"-HP

TO CONDENSATE STORAGE TANK CND-D-2 (CND) 5178200 (E-1) PMU-711-3"-HP

TO REFUELING WATER STORAGE TANK CRS-D-1 (CRS) 5178120 (A-1) PMU-821-3"-HP

TO SPENT FUEL PIT PUMP SFP-G-5 (SFP) 5178300 (E-12) PMU-9469-8"-HP

TO REFUELING WATER PUMPS (DISCONNECTED) (CRS) 5178120 (D-12) PMU-8007-8"-HP

TO SPENT FUEL PIT MAKE-UP (SFP) 5178300 (D-12) PMU-882-2"-HP

TO CCW SURGE TANK (CCW) 5178310 (E-1) PMU-717-3"-HH9

TO BORON MEASURING TANK LCS-D-304 (BAS) 5178140 (D-1) PMU-894-2"-HP

TO BAS WASTE TANK MANAGERS (PWS) 5178167 (G-1) PMU-8017-1½"-HP

TO BAS HUT 2A (BAS) 5178145 (E-2) PMU-2057-2"-HK

TO CHEMICAL MIXING TANK VCC-D-14 (BAS) 5178145 (F-1) PMU-2056-2"-HK

TRANSFER PUMPS BAS-G-9A & B DISCHARGE

TO CHEMICAL BLENDING DEVICE (BAS) 5178145 (A-12) PMU-718-2"-HK

TO REFUELING WATER TANK (CRS) 5178120 (C-1) PMU-881-1"-HP

TO DECONTAMINATION DRAIN TANK RLC-D-26 (BAS) 5178145 (H-1) PMU-8010-1"-HP

TO RE-1218 (RW) 5178165 (E-12) PMU-857-3"-HP

TO RESIN SLURRY TANK RWL-C-11 (RWL) 5178167 (E-12) PMU-895-2"-HP

TO RESIN SLURRY TANK RWL-C-11 (RWL) 5178167 (B-12) PMU-9467-2"-HP

PMU-348 PMU-9466-1"-HP

TO BATCHING TANK BAS-D-8 (BAS) 5178145 (D-12) PMU-9470-2"-HP

TO BORIC ACID TRANSFER PUMPS BAS-G-9A & G-9B (BAS) 5178145 (E-12) PMU-885-2"-HP

PMU-340 PMU-341 PMU-337 PMU-14309-4"-HH PMU-710-4"-HH

PMU LC 3 PMU PCV 1003 (SA-885) 5178443

PMU CV 9 2" FC PMU-328 PMU-329 PMU-330 PMU-327 PMU-331 PMU-332

PMU PS 87 PMU PI 157 PMU LT 8 PMU-705-3"-HP PMU-8002-3"-HP PMU-335 PMU-334 PMU-338 PMU-333 PMU-9458-2"-HP PMU-861-3"-HP

SAMPLE PMU-302 PMU-301 PMU-9440-¾"-HP PMU-XJ-928

PMU-9460-2"-HP

CONCRETE CATCH BASIN

PMU-309 PMU-310 PMU RO 116 PMU RO 117 PMU-312 PMU PI 121 PMU IL 1028N2 PMU HS 1028N

PMU PS 86 PMU PS 89 PMU-313 PMU-308 3"x2" PMU-306 PMU-711-3"-HP PMU-9449-2"-HP PMU-314

PMU IL 1028N PMU-304 4"x3" 3"x2" PMU-714-4"-HP

PMU-G-28 (N) PMU HS 1028S PMU IL 1029Z

SIS NOTE 3

PMU-318 PMU PI 1410 PMU-9452-½"-HP PMU-320 PMU-C-19 PMU-317 PMU-321 PMU-9451-¾"-HP PMU-315 PMU PI 1411 PMU-319

PMU PI 122 PMU-311 PMU IL 1028S

PMU-307 PMU-305 PMU-712-2"-HP PMU-9443-1"-HH 3"x2" 4"x3" PMU-710-4"-HP PMU-303

PMU-G-28S (S)

PMU-715-3"-HP PMU-322 PMU-718-¾"-HP PMU-323

PMU HS 1566 PMU FY 1566 (ISA-1246) 5178443 PMU ZSO 1566 PMU ZSC 1566 PMU-339

PMU FC 441 PMU CV 566 HP HK PMU-318 PMU-338

CIS CLOSES NOTE 2

PMU SV 534A (ISA-863) 5178443 PMU ZSO 3534 PMU ZSC 3534 PMU RMS 4012A PMU RMS 4012B PMU RMS 4040 NSR SR PMU-364 PMU-363

CIS CLOSES NOTE 2

PMU SV 533A (ISA-849) 5178449 PMU ZSO 2533 PMU ZSC 2533 PMU RMS 3012A PMU RMS 3012B PMU RMS 3040 PMU-004 PMU-006 PMU-001 PMU-005 PMU-002 PMU-003 PMU-8300-1"-HK

PMU-368 PMU-369 PMU-372 PMU-373 PMU-371 PMU-374 PMU-14116-½"-HP SAMPLE SINK 5178150 (G-12) (RSS) PMU-370 PMU-8006-¾"-HP TO DECONTAMINATION PAD PMU-8073-¾"-HP TO SECONDARY CHEMISTRY MONITORING SYSTEM 5178257 (D-12) (CSS) PMU-375 PMU-716-¾"-HP TO TRAILER RACK 5178253 (F-11) (FSS) PMU-718-¾"-HP TO SAMPLE SINK 5178150 (G-12) (RSS)

GN 25U7-S BH N_2 SUPPLY 5178400 (D-12) (GN1)

OUTSIDE INSIDE CONTAINMENT SPHERE GN-1483 N_2 SUPPLY 5178435 (F-12) (GN1)

PMU-5053-¾"-IK TO PZR-PCV-430C 5178105 (A-1) (PZR)

PMU-5054-¾"-IK TO PZR-PCV-430H 5178105 (A-1) (PZR)

PMU-5055-¾"-IK TO A-R-LCV-1112 5178130 (F-1) (RHR)

PMU-715-2"-HK TO PRESSURIZER RELIEF TANK PZR-C-16 5178105 (F-12) (PZR)

PMU-8100-¾"-HK2 AUX BLDG SUMP 5178110 (D-1) (RCP)

PMU-8076-1"-HP TO HIGH RADIATION SAMPLE STATION 5159580 (E-1) (PAS)

NOTES:
1. SEE DWG 5161377 FOR CONTROL LOOP DETAILS
2. SEE DWG 5161378 FOR CONTROL LOOP DETAILS
3. SEE DWG 5149974 FOR CONTROL DETAILS
4. THIS DRAWING SUPERSEDES DRAWING 568776 AND ALL DCN'S WHICH PERTAIN TO IT

CHECK GLN 8-21-85
BCM 5-12-86

(SRAN) MP 82-063

DWG. LIST M— SH. • REVISE ON CADD SYSTEM ONLY •

REFERENCE DRAWINGS		REFERENCE DRAWINGS
5178000	P & I DIAGRAM LEGEND SH 1	
5178001	P & I DIAGRAM LEGEND SH 2	
5178002	P & I DIAGRAM LEGEND SH 3	
5150334	ELEM DIAGRAM-PUMPS G-28,G-28S,G-39	

NO.	REVISIONS	M	DATE	P.E.	QAE	SUPV	APPROVED	ENGR	CK'D	MADE	J.O.
1	AS BUILT-INCORP DCN #2-CC#1 CANCELED										
0	ISSUED AS BUILT										

NO.	REVISIONS	M	DATE	P.E.	QAE	SUPV	APPROVED	ENGR	CK'D	MADE	J.O.
	SEE CDM FILES FOR SIGNATURES										

LOCATION: SAN ONOFRE NUCLEAR GEN. STA. UNIT 1

P & I DIAGRAM
PRIMARY PLANT
MAKE-UP WATER SYSTEM

SCE EDISON Rosemead California

PMU

SHEET NO. M

SCALE: NONE

OF SHTS.

568776 6/16/84

5178370-1

TI APERTURE CARD

MICROFILMED FROM BEST AVAILABLE COPY

26X