VCC-C-34
CHEMICAL MIXING TANK

VCC-C-15

HYDROGEN SUPPLY (GDS) 5178461 (F-12) — GDS-1408-¾"-HH
N_2 SUPPLY (GNI) 5178401 (E-1) — GNI-1407-¾"-HH
FROM REACTOR COOLANT FILTER LDS-C-394 (LDS) 5178140 (D-11) — LDS-2038-3"-HK
FROM CHEMICAL BLENDING DEVICE BAS-X-390 (BAS) 5178145 (A-1) — BAS-2062-2"-HK
PRIMARY WATER SUPPLY (PMJ) 5178370 (F-1) — PMJ-2057-½"-HK
FROM CRS-E-11 (CRS) 5178121 (C-12) — CRS-6018-4"-HK
CHEM BLENDING DEVICE BAS-X-390 BY-PASS (BAS) 5178145 (B-11) — BAS-2064-1"-HK
TRANSFER PUMPS BAS-G-5A,5B (BAS) 5178145 (G-1) — BAS-2052-2"-HN1

VCC-2125-2"-HK
VCC-2101-2"-HK
VCC-2103-2"-HK
VCC-2037-2"-HK
VCC-2039-2"-HK
VCC-2021-2"-HK
VCC-8951-3"-HK
VCC-2000-4"-HK
VCC-2018-3"-HK (SEE CCM DWG 5178311)
VCC-2072-½"-HK
VCC-2032-1"-HP2
VCC-2036-4"-HK
VCC-8927-½"-HK
VCC-2076-½"-HK
VCC-2060-½"-HK
VCC-2069-½"-HK
VCC-8928-2"-HN1
VCC-2075-3"-HP2 → FLASH TANK RLC-C-39 5178157 (B-11) (RLC)
VCC-2077-½"-HK → GAS SAMPLE 5178150 (H-11) (RSS)
PAS-5059-¾"-HK → PASS SAMPLE STATION 5159680 (F-12) (PAS)
RSS-4014-1"-HK → RSS-SAMPLE HEADER 5178150 (D-12) (RSS)
LDS-2078-3"-HK → FROM LDS-RV-210 5178140 (A-12) (LDS)
LDS-2089-1"-EG2 → LDS-CV-414 5178140 (C-11) (LDS)
CRS-6022-1"-HK → FROM CRS-RV-862 3178120 (C-1) (CRS)
VCC-2014-½"-HK → PS 3526
GNI-1498-¾"-SH → N_2 SUPPLY 5178400 (A-12) (GNI)
RCP-2014-3"-HK → REACTOR COOLANT PUMPS 5178111 (B-12) (RCP)
VCC-3202-¾"-HH2
VCC-2028-2"-HP2 → DRAIN TO SPENT RESIN TANK RWL-C-25 5178167 (G-12) (RWL)
VCC-2033-2"-HK → FROM CHARGING PUMP VCC-G-8B DISCHARGE 5178135 (E-12) (VCC)
VCC-2013-½"-HK → FROM TEST PUMP VCC-G-42 SUCTION 5178135 (H-1) (VCC)
VCC-2001-3"-HK → TO CHARGING PUMP VCC-G-8A 5178135 (F-1) (VCC)
BAS-2044B-2"-HN1 → BORIC ACID TANK BAS-D-3 5178145 (C-1) (BAS)
VCC-2028-2"-HK → TO TEST PUMP VCC-G-42 5178135 (H-1) (VCC)
VCC-2000-3"-HK → TO CHARGING PUMP VCC-G-8B 5178135 (G-1) (VCC)

TO LDS-SV-1100A 5178140 (B-10) (LDS)
TO VCC-MOV-1100C THIS DWG (D-5)
VCC-MOV-1100B,1100D THIS DWG (F-3)
HS-1102A,B,C 5178145 (E-5) (BAS)
FROM MOV-1100B&D NOTE 3 ...S DWG (F-3)
FROM VCC-LC-1100B THIS DWG (B-8)
TO VCC-SV-410 THIS DWG (C-7)
TO VCC-SV-411 THIS DWG (C-7)
FROM LC-1100B THIS DWG (D-8)

VCC-C-34 (SEE CCM DWG 5178311)
VCC-E-34

TSA-1227 5178447
TSA-1209 5178447
TSA-1210 5178447
TSA-1206 5178447
TSA-838 5178443

NOTES:
1. SEE DRG 5178135 FOR SH 1.
2. SEE DRG 455543 FOR CONTROL DETAILS.
3. SEE DRG 455437 FOR CONTROL DETAILS.
4. SEE DRG 5150874 FOR CONTROL DETAILS.
5. SEE DRG 5150875 FOR CONTROL DETAILS.
6. THIS DRAWING SUPERSEDES DRAWINGS 568767 & 5130355 AND ALL CCN'S WHICH PERTAIN TO THEM.

SAFETY RELATED (SREAN) WP 82-297

Document # 50-206
Control # 8606070190
Date 6/5/86 of Document:
REGULATORY DOCKET FILE

TI APERTURE CARD

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

REFERENCE DRAWINGS		REFERENCE DRAWINGS
5178000	P & I DIAGRAM LEGEND SH 1	5151028 ELEM DIAGRAM MOV-1100C
5178001	P & I DIAGRAM LEGEND SH 2	
5178002	P & I DIAGRAM LEGEND SH 3	
236710	CONTROL LOGIC DIAGRAM	
457257	LOGIC DIAGRAM VOLUME CONTROL TANK	
455369	ELEM DIAGRAM MOV-1100B & 1100D	

NO.	REVISIONS	M	DATE	P.E.	QAE	SUPV	APPROVED	ENGR	CK'D	MADE	J.O.
3	AS BUILT-INCORP DCN #4								DH	BLS	3063
2	AS BUILT-INCORP DCN #3 (DCN #2 NOT USED)			SEE CDM FILES FOR SIGNATURES						BLS	6881
1	AS BUILT-INCORP DCN #1			SEE CDM FILES FOR SIGNATURES						DWY	8714
0	ISSUED AS BUILT			SEE CDM FILES FOR SIGNATURES						BLS	8252

LOCATION: SAN ONOFRE NUCLEAR GEN. STA. UNIT 1

P & I DIAGRAM
VOLUME CONTROL AND
CHARGING SYSTEM SH 2

SCE EDISON Rosemead California

568767

VCC

SHEET NO. M

SCALE: NONE

OF SHTS.

02-07-85

5178136-3

ORG. LIST M-SH-1 REVISE ON CADD SYSTEM ONLY

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26X