POST-LOCA SAMPLING SYSTEM

ABANDONED IN PLACE

REACTOR COOLANT MODULE LIQUID SAMPLE

REACTOR COOLANT MODULE OR CONTAINMENT AIR GAS SAMPLE

CHEMICAL ANALYSIS PANEL (CAP)
DC 696213-9 & 29

OUTSIDE | INSIDE

K 4932 3/4 N_2 SUPPLY

33-D 26

5-3/8

(PCV 4) V12 PCV 603

PT 910

FUNNEL FILL (TYP OF 3)

(PI-4) V29 V28 V27

LI 390 (LG 3) | LI 391 (LG 2) | LI 392 (LG 1)

CAL TK 2-3 | CAL TK 2-2 | CAL TK 2-1

S 1/4

F1 F V26 V30

PI 1114

45V3

V15 V16 V19 V20 V25

S2-1/4

50 E DW

MAKE-UP WATER FOR FLUSHING AND CALIBRATING

V11

V24

S 1/4

1 HOUR AERATION

(LG 4) LI 393 | CAL TK 2-4 | TI 801 (TI-1)

LS 161 (LS-1) V17

F3 F PP 2-1 (PU 1)

ENCLOSURE ON FRONT OF PANEL

V9 V18

F2

CV3 CV10 CV8 CV5 CV9 CV6 CV4

S1

DG DEGASIFIER

5-1/16

MANUAL FILL PORT SEPTUM & CAP

V5 V13 88C E 31

CEL 204 (AE-4)

CV1 CV2 CV11 CV12 CV13 CV14 INJECT LOAD

AIR 67-B SUPPLY

144A B 34

PT 1115 (PIT-1)

ION CHROMATOGRAPH (CHLORIDES)

MAKE-UP WATER

144A E 36 TE 909 (TE 2)

V6 (CE 1) CEL 205 (CONDUCTIVITY)

V7 86C-E 31 CEL 202 (AE-3) (DISSOLVED O_2)

(PH) 81D-E 31 CEL 206 (AE 5)

232E A 32 FE 1005 (FE 2) V8

88C E 31 FE 1004 (FE-1) V2

OXYGENATED MAKE-UP WATER

PCV 609 (PC 1)

S-1/4 CV 15 CV7

PAN DRAIN

S-3/8

S3

V 1

PS 533 MIA INTERNAL STATIC PRESSURE

23 D 76 MIA LAB HOOD

EDUCTOR VT 1

5V SV 901 (SV-1)

ARGON GAS SYS FLUSH

57 E

INSTR AIR SUP (C-3127-2) 25 44 B

V10

PCV 907

G2

53 E G1

V 14 PCV 610 (PCV2)

(PI 3) PI 912

HRLSP

SAMPLE VALVE (FOUR LOOPS) (F 4)

V31 V32

PI 911 (PI-5)

CEL 201 (AE 1) 80C E 31

GAS CHROMATOGRAPH DC-696213-84 (TAB 2)

LOCATED BELOW ON CAP PANEL

PI 907

LS 440 MIA

ISOLATED AREA (BEHIND SAMPLE SYSTEM PANELS)

FLOOR SUMP

H2 ARGON SUPPLY

SAMPLE COOLERS BACKFLUSH 50-E W1 S2 4930-1

PURE ARGON | 10% H2 +ARGON | 10.2% H2 +ARGON

REACTOR COOLANT MODULE SAMPLE COOLER DR 56-E V5 S-1/4

REACTOR COOLANT MODULE SAMPLE BOTTLE & FLASK DRAIN 56-E V4 S-1/4

DEMIN MODULE SAMPLE COOLER DR 52-E V3 S-1/4

S2 5023 1

S-1/4

S-1/2

S-1/2

OUTSIDE OF CAP PANEL | INSIDE OF CAP PANEL

K-4933-3/4

GAS CHROMATOGRAPH VIA VALVE V 15

LSP GRAB SAMPLE SPLASH BOX DRAIN 52-E W2

58-B PANEL PM 80 PAN DRAIN

ABANDONED IN PLACE

LAB HOOD 23 D 76 MIA

PS 531 INTERNAL STATIC PRESSURE

CASP CONTROL PANEL (CCP) DC 696213 64

LOA PS 415 PCV 415 (PC 1) PI 1125 (G 1)

RC MODULE EDUCTOR MOTIVE N_2 59 C

S2

V 2 PCV 416

SV 1092 (SV 10) 5V 337F-C 32

EV 1 EDUCTOR 332F C 32 FCV 1103 (AV 2) V-3

S 4672-1/2 47-C 23 CONTAINMENT AIR SAMPLE RETURN

FE 600 (FM-1) 337E E 32

CONTAINMENT AIR SAMPLE PANEL (CASP)
DC 696213-13

CONTAINMENT AIR SAMPLE SUPPLY 47-B 23

PI 1116

V 1 5-4670-1/4 NITROGEN DILUTION GAS

SAMPLE FLASK SF-5

V 16 V17 DV-1

S 1/8 S 1/8

CV2 PI F CV1

337F-C 32 5V SV 1087 (5V5)

(TYP OF 6) 337F-C 32 SV-1081 (SV 2 1) | SV-1082 (SV 2 2) | SV 1083 (SV 3 1) | SV 1084 (SV 3 2) | SV-1085 (SV4 1) | SV 1086 (SV4 2)

ABANDON IN PLACE

331F D 32 FCV 1102 (AV 1) ABANDON IN PLACE

331F A 32 SV 1080 (SV 1 2)

SHIELD WALL

AUX BLDG SUMP SH 5 19

MEDT SH 4 19

TRANSFER PPS (DC-697194-4)

S2-5427-34

POST LOCA SAMP COLLECTION TANK 2-1 (DC 696213 57)

LT 101 1728 E 32

RV 306

S2 4970 1/2

GASEOUS RADWASTE VENT HEADER 91-A 24

G 0283 S2-4969-1 8' HEAD LOOP SEAL (TYP 2)

PLEX HOSE COUPLING

S2-5024-1 MECH CIVIL EMBEDDED IN CONCRETE CIVIL MECH

S-4999-1

HCV-21

RETURN TO CNT (DRAIN SUMP #2) 47-B 23

S2-4971-1 S2 4914-1 S2-4916-1 2-1 S2-4918-1 S2-4919-1 S2-4920-1

S2-4915-2 S2-4917-1 FOR START UP ONLY (TYR 2)

S2-3/4 2-2 S2-2 C-0250 C-0250

PI 976

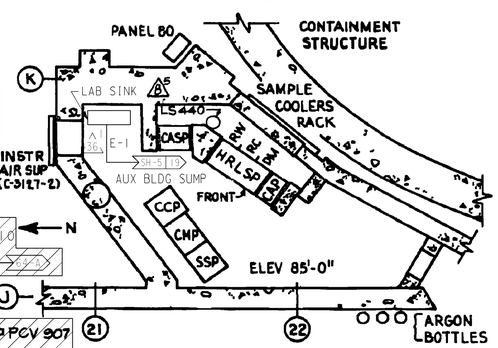
63B-A 19 RADW ION EXCHANGER

TRANSFER PP DRAIN TRAYS (2) (EMBEDDED CLOSED DRAIN)

ABANDONED IN PLACE

ABANDONED IN PLACE

REFERENCES
1 POST LOCA SAMPLING SYSTEM-LIQUID COLLECTION & RADWASTE TREATMENT 150. _____ DWG 513177
2 POST LOCA SAMPLING PLANS & SECTIONS _____ DWG 513178



SHEET
CAP CHEMICAL ANALYSIS PANEL _____ 6
CASP CONTAINMENT AIR SAMPLE PANEL _____ 6
CCP CASP CONTROL PANEL _____ 6
CMP CHEMICAL MONITOR PANEL _____ NS
HRLSP HIGH RADIATION LIQUID SAMPLE PANEL _____ 5
SSP SAMPLING STATUS PANEL _____ NS
PANEL 80 HRLSP VALVE CONTROL PANEL _____ 5
-HRLSP-SAMPLE COOLERS RACK _____ 5

NOTES
1. ALL PIPING & TUBING SHALL BE PER PG&E CODE CLASS E & INSTRUMENT CLASS II RESPECTIVELY UNLESS OTHERWISE NOTED
2. DELETED
3. DELETED
4. FOR KEY TO FLOW ARROW CODES & QUICK REFERENCE TAGS, SEE 50-A & 53-E RESPECTIVELY
5. DELETED
6. ✳ = ABANDONED IN PLACE BOUNDARY VALVE (D.R.)
   ⋈ = ABANDONED IN PLACE BOUNDARY CUT & CAPPED (S-SPEC, U.N.O.

UNIT 2

6/10/03	AJL2	RXG2	KJD3	KERSI J. DALAL	MECHANICAL	M 16690	3/31/2004	Revised per DC2-SN-050588-00
DATE	DWN	RE	IV	PROFESSIONAL ENGINEER	PE DISC.	PE#	PE EXP.	

P G & E CO. | SHEET 6 | PAGE 0 | 108011 | REV. 43

CAD User:rxg2 Date: 6-10-2003
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RASTER=ERU11545.TIF