DRAWING NUMBER LR-18008-C
SHEET NUMBER

TEST CONNECTION
SIPHON BREAKER ATMOS.
VENT
54-146 FP-314
54-147 FP-313
54-148 FP-311
54-125 FP-312
TEST CONNECTION
FP-10 54-75
54-138 FP-309
54-131 FP-310
54-132 FP-307
54-133 FP-308
SKIMMER DISCHARGE (TYP. OF 5)
FP-1006 54-145
FP-1005 54-144
SKIMMER DISCHARGE (TYP. OF 4)
LEAKAGE
FG 89-05
REACTOR BLDG. EQUIP. DRAIN TANK
FG 89-06
SKIMMER DISCHARGE
REACTOR INTERNALS STORAGE PIT
PLUGS
REACTOR HEAD CAVITY
DRYWELL
REACTOR
SPENT FUEL STORAGE POOL
EL. 338'-6"
GATES
SURGE TANKS
SCREEN
FP-1001 89-41
FLOW SWITCH TEST
FP-1002
REACTOR BLDG. EQUIP. DR. TANK
FP-712 89-01
FP-31
FP-30
54-82
54-85 FP-33
AT B-2 C-18045-C SHEET *7
DRYWELL EQUIP. DRAIN TANK *12
GATE AREA DRAIN & LEAKAGE DETECTION
FP-1007 89-21
FS 89-03
C-18045-C AT A-3
REACTOR BLDG. EQUIP. DRAIN TANK SHEET 7
FP-7 54-78
FP-9 54-72
FP-11 54-74
FP-8 54-71
FP-6 54-77
FP NOR LCV 57-25
FP BUp LCV 57-58
CT-26
CT-100-51 57-176
AT C-4 LR-18048-C COND. TRANSFER
LR-CS | LR-CS
1/4"
WEST INSTR. RM. VENT
113-1/4-E
TEST & VENT 113-375
DRAIN 113-339
OPEN TO ATMOS. 113-374
TEST & VENT 113-373
113-338
113-340 DRAIN
113-372
TRIP PRECOAT PUMP
PURGE REG.
CONTROL AIR
B-22111-C SHEET 5
PRECOAT TANK 54-10
REACTOR BLDG. EQUIP. DRAIN TANK DRAIN
FP-22 54-70
FP-720 54-126
FP-724 54-127
PRECOAT MATERIAL DRAIN
55 GALLON DRUM
FP FLT PREC PUMP DISC BV 54-36
54-36 SEAL WATER AT A-6
C-18036-C
PRECOAT PUMP 54-128
FP-722
FP-34 54-151
CT FP FLT II IN BV 57-26
FP FLT II PREC DISC BV 54-39
CT-31
FP FLT II BV 54-13
PREC IN BV 54-37
FP FLT II SLG TK BV 54-03
FILTER *11 54-93
FP-3 54-44
FP-25 54-134
AT C-5 LR-18048-C COND. TRANSFER
BODY FEED (FILTER AID) MIX TANK 54-88
CT-37 57-129
CT-38 57-166
FP-723 54-149
FP-724 54-150
FP-27 54-135
55 GALLON DRUM
FP-28 54-89
BODY FEED PUMP
FP-26 54-136
FP FLT I2 BV 54-12
CT FP FLT I2 IN BV 54-40
FP FLT I2 PREC DISC BV 54-48
FP FLT I2 SLG TK BV 54-35
FILTER *12 54-86
FP-4 54-45
FP-5 54-46
FP-32 54-49
FP-12 54-47
FP PUMP SUCT BV 54-17
RX INT. STRG. PIT BV 54-18
FP-708 54-143
FP-709 54-142
FP-710 54-100
DRAIN R.B.E.D.T.
FP-13 54-55
FP-14 54-56
FP-1 54-43
FP-301 54-81
FP PUMP *11
CIRCULATING PUMP *11
FP-701 54-140
FP-2 54-42
FP-302 54-82
FP PUMP *12
CIRCULATING PUMP *12
FP-702 54-138
TRIP PUMP
SEAL WATER
REACTOR BLDG. EQUIP. DRAIN TANK
VENT
INSTRUMENT AIR HDR.
TRIP CIRC. PUMP *11 ON LOW PRESS. 54-50
TRIP CIRC. PUMP *12 ON LOW PRESS. 54-51
TRIP CIRC. PUMP *11 LOW - LOW LEVEL
TRIP CIRC. PUMP *12 LOW - LOW LEVEL
R.B.E.D.T. OVERFLOW
REACTOR BLDG. FLOOR DRAIN SUMP
REACTOR BLDG. EQUIP. DRAIN TANK FP-330 85-464
TRIP BLOWER HI TEMP. 85-463
FP FLT SLDG. P DISC BV
WASTE DISPOSAL SYS. AT B-2 C-18045-C SHEET 11
SLUDGE PUMP 85-125
FP-760 85-465
FP-761 85-795
SLUDGE TANK 85-124
TRIP SLUDGE TANK LOW LVL.
OVERFLOW TO WASTE FILTER SLUDGE STORAGE TANK
SHEET 11 C-18045-C AT B-2
FP FLT SLG P SUCT BV 45-71
FP FLT SLG P CT BV 57J-01
FP FLT SLG P DISC BV 45-73
AT D-5 LR-18048-C COND. TRANSFER
AT B-4 LR-18048-C COND. TRANSFER
TO CONDENSER *83 C-18029-C 49-8-C
AT C-4 C-18089-C FROM CLEAN-UP SYSTEM SHEET 1
49-8-C 49-43 FP-20
FP CNDSR BV 49-53
49-53A 49-53B 49-53C
AT A-4 SHEET 7 TO WASTE DISPOSAL SYS. C-18045-C 85-6-C
AT C-3 C-18089-C FROM CLEAN-UP SYS. SHEET 1 85-6-C
85-165 FP-21
FP WD BV 85-160
85-168A 85-168B 85-168C
AT E-6 REACTOR SAMPLE COOLING COIL LR-18041-C SHEET 2
70-¾"-C 70-½"-C 70-444
REACTOR BLDG. EQUIP. DRAIN TANK VENTS
70-68A 70-68B 70-68C
RCLC II FP HX 70-68
70-72 RCLC-35
70-445
RCLC I2 FP HX 70-69
70-69A 70-69B 70-69C
RCLC-36 70-71
CLOSED LOOP COOLING LR-18022-C SHEET 2 AT C-4
HEAT EXCHANGER *11 (SEE NOTE 12)
HEAT EXCHANGER *12 (SEE NOTE 12)
REACTOR BLDG. EQUIP. DRAIN TANK
REACTOR BUILDING EQUIP. DRAIN TANK
DRAINS
70-384 70-394
70-390 70-391 70-395 70-396
54-104 54-110 54-111 54-112 54-117 54-118 54-119 54-120 54-121 54-122 54-123 54-124 54-113 54-114 54-115 54-116
FP-15 54-84
FP-15A 54-84A
FP-15B 54-84B
FP-15C 54-84C
FP-15D 54-84D
FP-14A 54-83A
FP-14B 54-83B
FP-14C 54-83C
FP-14D 54-83D
FP-5 54-85
FP-6 54-84
FP-15 54-85
FP-14 54-83
FP-5 54-46
FP-4 54-45
FP-3 54-44
FP-2 54-42
FP-1 54-43
FP-12 54-47
FP-32 54-49
FP-30 54-82
FP-31 54-81
FP-33 54-85
FP-712 89-01
FP-1001 89-41
FP-1002 89-40
FP-1005 54-144
FP-1006 54-145
FP-1007 89-21
FP-1008 89-20
FP-1009 89-19
FP-1010 89-18
FP-1011 89-17
FP-1012 89-16
FP-1013 89-15
FP-1014 89-14
FP-1015 89-13
FP-1016 89-12
FP-1017 89-11
FP-1018 89-10
FP-1019 89-09
FP-1020 89-08
FP-1021 89-07
FP-1022 89-06
FP-1023 89-05
FP-1024 89-04
FP-1025 89-03
FP-1026 89-02
FP-1027 89-01
FP-1028 89-00
FP-1029 89-99
FP-1030 89-98
FP-1031 89-97
FP-1032 89-96
FP-1033 89-95
FP-1034 89-94
FP-1035 89-93
FP-1036 89-92
FP-1037 89-91
FP-1038 89-90
FP-1039 89-89
FP-1040 89-88
FP-1041 89-87
FP-1042 89-86
FP-1043 89-85
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FP-1045 89-83
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FP-1048 89-80
FP-1049 89-79
FP-1050 89-78
FP-1051 89-77
FP-1052 89-76
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FP-1074 89-54
FP-1075 89-53
FP-1076 89-52
FP-1077 89-51
FP-1078 89-50
FP-1079 89-49
FP-1080 89-48
FP-1081 89-47
FP-1082 89-46
FP-1083 89-45
FP-1084 89-44
FP-1085 89-43
FP-1086 89-42

NOTES
1.) ALL TEMPORARY PIPING FOR INITIAL SYS. CLEANING TO BE SHOWN ON CONSTRUCTION DRAWINGS
2.) INSULATION FLANGES ARE REQUIRED AT EACH TRANSITION POINT BETWEEN DISSIMILAR METALS
3.) LOCATED ON RADWASTE CONTROL PANEL
4.) EQUIP. FURNISHED WITH BLOWER (85-169)
5.) ALL TEMP. ELEMENTS (TE) HAVE THERMOWELLS (TX)
6.) * - LOCATED ON FUEL POOL PANEL
7.) NOTE DELETED
8.) VALVE INTERLOCKS REQUIRE THAT VALVE 54-13 (54-12) BE CLOSED BEFORE 54-34 (54-35) CAN BE OPENED AND VICE VERSA
9.) LOSS OF INSTRUMENT AIR PRESSURE WILL TRIP PUMPS 54-01 AND 54-02
10.) ANY ALARM ON FUEL POOL PANEL ANNUCIATOR WILL TRIP OFF NORMAL ALARM ON MAIN CONTROL ROOM PANEL ANNUNCIATOR
11.) FOR ROOT VALVE SCHEDULE SEE DRAWING F-45136-C (S2B)
12.) SPENT FUEL POOL HEAT EXCHANGER *11 AND *12 CONSISTS OF 4 SHELLS CONNECTED IN SERIES.
13.) AIR SUPPLY TO SOV 49-53C IS NORMALLY ISOLATED.

LR NOTE:
PLEASE REFER TO DRAWING LR-18000-C SHEETS 1 AND 2 FOR LR BOUNDARY DRAWING NOTES, SYMBOLS, AND ACRONYMS.

NOTE: THIS DRAWING WAS CREATED USING COMPUTER AIDED DRAFTING DO NOT MAKE MANUAL CHANGES

CONSTELLATION ENERGY GROUP		STA	NINE MILE POINT NUCLEAR STATION UNIT NO. 1
		ACC NO	
APP		SPENT FUEL STORAGE POOL FILTERING AND COOLING SYSTEM P & I DIAGRAM	
APP	APP		
APP AWC	DATE 10-16-91		
DES	DR BBB. DR CK		
NF	SCALE NONE	DWG NO LR-18008-C	INDEX 3-N2-S14 SH 1 REV 0

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