UNIT 1 CONTAINMENT

UNIT 2 CONTAINMENT

SPENT RESIN TANK FLUSH

RWM TO WG COMPRESSOR 684J972 SH.1 (A-7)

3/4"-CH-151N-2

RADWASTE SOLIDIFICATION 2175-D-01

WS-35

D.I. PBM 231 SH.2 C-6

1314 1261A

M-12 HOSE STA

1315 1316

N-13 HOSE STA

1317 1318

P-11 HOSE STA.

1320

1319

EVAP. DIST. DEMINS. CVCS 541F094 (D-10)

F1 161

1214 2-C58

PRT SPARGING RCS 541F091 SH.2 D-3

1-557

CVCS 684J961 SH.A (D-5) 1167A

CVCS 1-U-12C 684J961 SH.A (D-5) 1167 1-X42D

CVCS 1-U-12A 684J961 SH.A (F-7) 1191 1-X42D

SFP U-6 110E018 SH.4 (E-10) 802

1231B 1-X42D

1176 1-X42D

1191 1-X42D

541F450 SH.2 (G-8) CVCS

541F450 SH.2 (G-9) CVCS 2-U-12

684J961 (F-5) 1-U-12B

2-CH-151N-3

WASTE COND. PUMP DISCH. 684J971SH.2 (C-8)

1248 2-C58

1249A 2-X42D

CVCS HUT'S 684J961SH.B (H-7)

1249C 2-X42D

1335

1245 1-X42D

B.A. EVAP. DIST. DEMINS 541F094 (G-9)

EVAP. DIST. FILTER 541F094 (F-1)

EVAP. DIST. FILTER BYPASS 541F094 (G-1)

2-CH-151N-5

1260A 3-X42D

1-CH-151N-5

1-CH-151N-8

ION EXCHANGE FILTER 541F450 SH.2 G-4

1208A 8-X42D

1208B 2-X42D

1208C 2-X42D

1208D 2-X42D

3-C42 1211

DI PBM 231 SH.2 (C-3)

1209A 3-X42D

1209E

1209B 3-X42D

1209C 3-X42D

1209F

1209D 3-X42D

1236A 2-X42D

1236B 2-X42D

1236C 2-X42D

1236D 2-X42D

1331 1332 1333 1334

MONITOR TANK T10A C-59 LOCAL LI 162B LI 162A NOTE 1

MONITOR TANK T10B C-59 LOCAL LI 165B LI 165A NOTE 1

MONITOR TANK T10C C-59 LOCAL LI 166B LI 166A NOTE 1

MONITOR TANK T10D C-59 LOCAL LI 167B LI 167A NOTE 1

1276A 1276AA LT 162

1276B 1276BB LT 165

1276C 1276CC LT 166

1276D 1276DD LT 167

1255A 1255B 1255C 1255D

1237A 3-X42D

1237B 3-X42D

1237C 3-X42D

1237D 3-X42D

3-CH-151N-4

PI 160A 1244C

1244A 1" CS

1242A 2-X42D

1240A 2-C58

P-7A

1238 3-X42D

TANK SEL

1328 1"-X42D D

1242B 2-X42D

1240B 2-C58

1244B 1"

P-7B

1239 3-X42D

PI 160B 1244D CS

RCS 541F445 SH.2 D-3 PRT SPARGING

2-557

CONC. HOLD TANK 1139 1-X42D PUMPS 1140 1-X42D

1141 1-C58

2-RC508B 3/4-X42D

2-RC508

1254

WASTE EVAP. 1297

HOSE CONNECTION

WL-1794

WDS 684J971 SH.1 (E-5) WASTE EVAP.

WL-1794A

2-RC508A 2-X42D

1279 2-C58

1210 2-C58

1277 2-X42D

1-815 2-815

CCW 110E018 SH.3 (F-9) UNIT 1

CCW 110E029 SH.3 (F-9) UNIT 2

DI PBM-231 SH.2 B-3

COMPONENT COOLING EMERGENCY MAKEUP

1327 D

1325 D

V1326 V1324 V 1323

1322 D

1321 V

2-529 1-529

1VTC 2-1423 1VTC 2-1422

1VTC 1-1422 1VTC 1-1423

STANDPIPE 'A' RCP RCS 541F091 SH.1 C-2

STANDPIPE FILL 'B' RCP RCS 541F091 SH.1 (E-10)

STANDPIPE FILL 'A' RCP 541F445 SH.1 C-2

STANDPIPE FILL 'B' RCP 541F445 SH.1 E-10

1-1422A 1-1422B

2-1422A 2-1422B

DEMIN AND RESIN LINE FLUSH

1-CV-390A 1-CV-390B 1-CV-372

2-CV-372 2-CV-390A 2-CV-390B

CVCS 684J741H SH.1 (E-1) CVCS 684J741K SH.1 (E-1) CVCS 685J175K SH.1 (E-1) CVCS 685J175K SH.1 (E-1)

2-X42D 217A

2-BS-C58 1-217 2-CH-151-R21 2-BS-C58 2-217 217B 3" 4

1-BS-336B 2-X42D 1-BS-336A 2-X42D 2-BS-336B 2-X42D 2-BS-336A 2-X42D

TELL-TALE DRAIN

CVCS 1P-4A 684J741 SH.1 (B-7) CVCS 1P-4B 684J741 SH.1 (B-7) CVCS 2P-4A 685J175 SH.1 (B-4) CVCS 2P-4B 685J175 SH.1 (B-4)

2-BS-1134B 1-X42D 1-BS-1134B 1-X42D

CVCS 541F450 SH.2 (E-5) CVCS 684J961 SH.A (C-5)

BORON RECYCLE GAS STRIPPERS

1250 2-C58 1249B 2-X42D

1281 2-X42D

1249D 2-X42D 1261 2-X42D

1-RC-508

1RC-508B 3/4 -X42D

1-RC508A 2-X42D

DEMIN. AND RESIN LINE FLUSH

2-CH-151N-1

UNIT 2 BORIC ACID EVAPORATOR PACKAGE AMF-329-91370A

2-BS-1186 CONCENTRATOR FLUSH VA-2 2-1172 VA-7 FLUSH B.A. EVAP. FEED PUMPS UNIT 2 FEED TANK VA-9

WL-1696 WL-1681 WPS 684J971 SH.1 (A-9) TO SPENT RESIN CASK

UNIT 1 BORIC ACID EVAPORATOR PACKAGE AMF-329-91370A

FEED TANK VA-9 FLUSH B.A. EVAP. FEED PUMPS UNIT 1 VA-7 1-1172 CONCENTRATOR FLUSH VA-2

1-BS-1186

BS-1256A 2-XA42R

BS-1256B 2-XA42R FC

1282 1-T58 SAMPLE

01300 3/8" REACTOR MAKE-UP WATER TANK C-59 T21 C01

L1 161B L1 161A

1285 1-T58

01301 3/8"

LS 4112 TS 4113 NOTE 2

LT 161 1313 NOTE 1 2-T58 1283A

1278

1241 2-T58

1286A 3-C42

1286B 3-C42

1283C SAMPLE

1251 FACADE SUMP

3/4-T58 1-T58 SAMPLE

LS LT TS NOTE 2

NOTE 1 2-T58

2-T58

4-G42 4-G42

FACADE SUMP SAMPLE

4-CH-151N-1

1-CH-151N-2

ABANDONED IN PLACE

U-1 FACADE

PI 188A 1230A P-23A

1259A 3-X42D

1329 3/4"-X42D

1257A 1" 1-C5B

1258A 3-C42

FO BS-1262A 3-XA42D

FO BS-1284A 2-XA42D

1280A 3-X42D

3-CH-151N-1

1247 1-X42D

3-CH-151N-2

PI 188B 1230B P-23B

1259B 3-X42D

1330 3/4"-X42D

1257B 1-C58

1258B 3-C42

FO BS-1262B 3-XA42D

FO BS-1284B 2-XA42D

1280B 3-X42D

2CH-151N-2

685J175 SH.2 U-2 BLENDER (F-1)

684J741 SH.2 U-1 BLENDER (F-1)

D08

NOTES:

1. TANK IS SUPPLIED WITH A DIAPHRAGM MEMBRANE.
2. THERMOSTAT CONTROLLED HEATERS WITH LOW TANK LEVEL CUT OUT.
3. ALL VALVES SHOWN HAVE "RWW" PREFIX UNLESS OTHERWISE NOTED OR IF SHOWN IN PHANTOM.
4. SPECIFIC LOCATIONS OF FREEZE PROTECTION CIRCUITS ARE SHOWN ON SYSTEM FF ISOMETRIC DRAWINGS. REF. DWG. SERIES FF-M-500 AND FF-M-600.

LEGEND

MAGENTA - IN SCOPE LR

BLACK - NOT IN SCOPE LR

LR-PBM-231 SH-1
UNIT 1 & 2
DE-IONIZED AND REACTOR MAKEUP WATER
REV. 1 DATE:10-17-03