DRAWING No. 5379-1971LR SHEET 1 OF 2

REACTOR VESSEL LEVEL SCALE FOR DETERMINING WATER LEVEL PRIOR TO REFUELING OR LOOP MAINTENANCE

PLASTIC HOSE (TERMINATED 18" ABOVE PER. HEAD)

PLASTIC HOSE RIGID PLASTIC CLEAR PIPE

REACTOR VESSEL STANDPIPE 0 (REF. EL. @ VESSEL FLG.)

(-185")

RIGID PLASTIC CLEAR PIPE (3/4") TUBING (1/2" SS .035 WT.)

STEAM GENERATOR ITEM: PCSG 1

LOOP 1

REACTOR COOLANT PUMP ITEM: PCPC 1

STEAM GENERATOR ITEM: PCSG 2

LOOP 2

REACTOR COOLANT PUMP ITEM: PCPC 2

STEAM GENERATOR ITEM: PCSG 3

LOOP 3

REACTOR COOLANT PUMP ITEM: PCPC 3

REACTOR VESSEL ITEM: PSRV 1

SEE DETAIL "A"

RHR PUMPS 5379-1484LR SH. 1 (A-2)

RC-PRESSURIZER 5379-1971LR SH. 2 (C-5)

RC-PRESSURIZER 5379-1971LR SH. 2 (D-3)

RC-PRESSURIZER 5379-1971LR SH. 2 (F-2)

REACTOR VESSEL FLANGE LEAK DETECTION LINE

FROM OUTER CHAMBER

FROM INNER CHAMBER

SI (HI & LO HEAD) 5379-1982LR SH. 4 (A-8)

SI (HI & LO HEAD) 5379-1982LR SH. 4 (B-8)

SI (HIGH HEAD) 5379-1982LR SH. 4 (B-7)

SI (HIGH HEAD) 5379-1982LR SH. 4 (D-7)

CVC LETDOWN LINE TO REGEN. HEAT EXCHR. 5379-685LR SHT. 1 (D-5)

CVC-REGEN. HX. 5379-685LR SH. 1 (F-5)

CVC CHARGING LINE, 5379-685LR SH. 1 (F-8)

CVC-EXCESS LETDOWN HX. 5379-685LR SH. 1 (C-5)

PS-SAMPLE HX. 5379-353LR SH. 1 (E-8)

PS-SAMPLE HX. 5379-353LR SH. 1 (F-8)

PS-SAMPLE HX. 5379-353LR SH. 1 (G-8)

LMD-RCDT 5379-928 SH. 3 (G-5)

LMD-RCDT 5379-928 SH. 3 (F-5)

LMD-RCDT 5379-928 SH. 3 (D-5)

LMD-RCDT 5379-928 SH. 3 (F-5)

RC-VENT PRT. 5379-1971 SH. 2 (G-4)

VENT TO CONTAINMENT

3" VENT STACK (SHD 485)

MAX. PRESS. GAUGE

REFUELING SPOOL

SEE HBR2-9867LR (C-4)

SEE HBR2-9867

SEE NOTE 26

THESE ARE DUAL ELEMENTS

HOT LEG PIPE

DETAIL "A"

LOOP 2 - RC-588A
LOOP 3 - RC-588B

REFERENCE DRAWINGS & CALCULATIONS:

FLOW DIAGRAM LEGEND & SYMBOLS	HBR2-7063LR
REACTOR COOLANT SYSTEM SCREENING CALC.	RNP-L/LR-0144

CALC. RNP-L/LR-0121
ATTACHMENT 22
REV. 0
PAGE 1 OF 2

INITIAL ISSUE AS REVISION 35.

CAROLINA POWER & LIGHT CO
H. B. ROBINSON S.E. PLANT
UNIT - NO. 2 HARTSVILLE, S.C.

TITLE: REACTOR COOLANT SYSTEM FLOW DIAGRAM

VENDOR No | SIZE E | DRAWING No 5379-1971LR

SCALE NONE | SHEET 1 OF 2

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