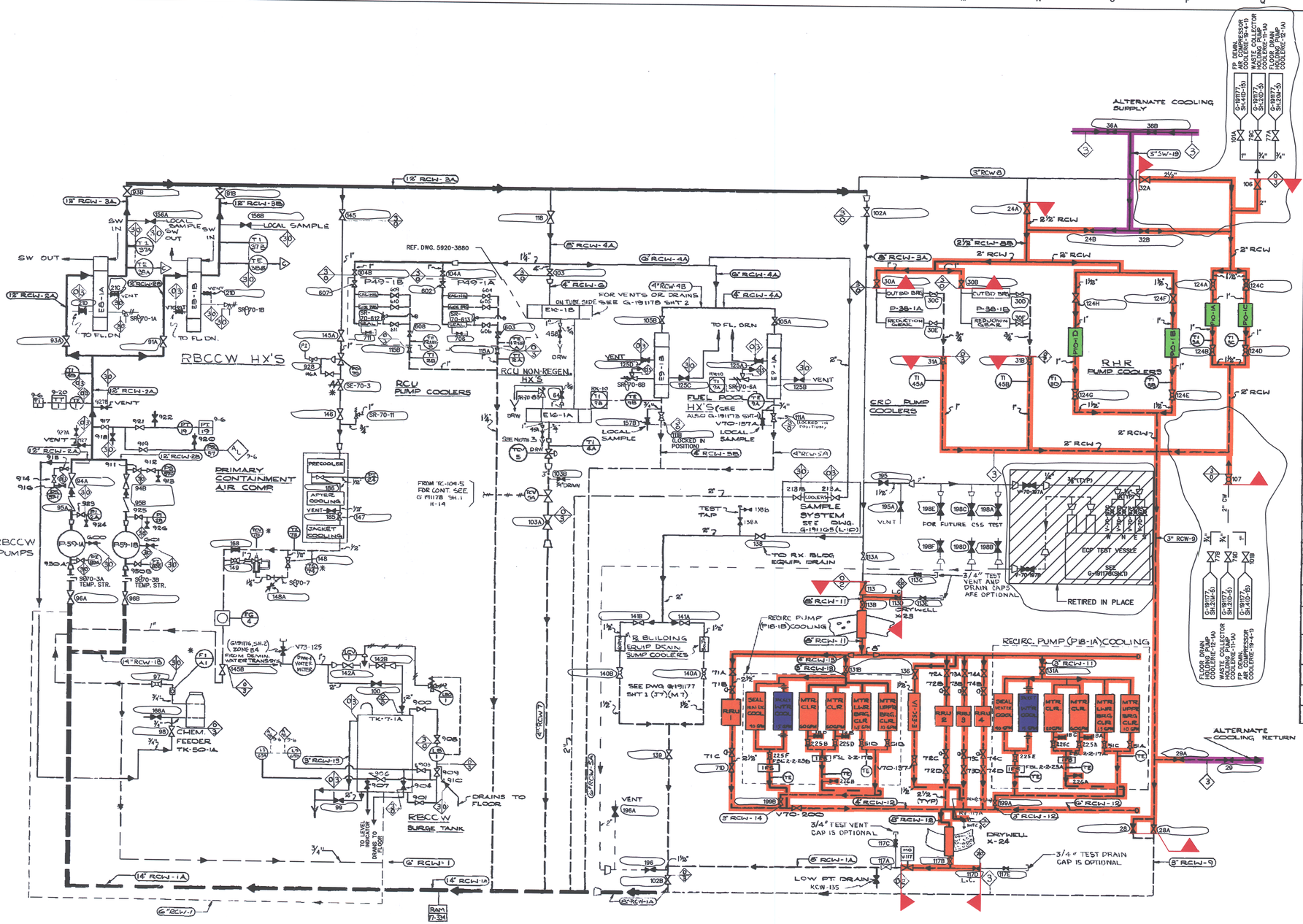


## PIPING LINE LIST

| LINE NO. | LINE SIZES | PIPE SCH. | PIPE MAT'L | DESIGN PRESS PSIG | DESIGN TEMP F | EBASCO SPEC. PIPAT NO. |
|---|---|---|---|---|---|---|
| RCW-1 | 6" | STD. | CS-1 | 150 | 150 | 1.G |
| RCW-1A&B | 8",14" | | | | | |
| RCW-2A&B | 18" | | | | | |
| RCW-3A&B | 8",12" | | | | | |
| RCW-4A&B | 4",6",8" | | | | | |
| RCW-5A&B | 4",6" | | | | | |
| RCW-6 | 4" | | | | | |
| RCW-7 | 4",3" | | | | | |
| RCW-8,8A,8B | 2½",8" | | | | | |
| RCW-9 | 2½",3" | | | | 32 / 150 | |
| RCW-10 | 3" | | | | 150 | |
| RCW-11 | 8",6",8" | | | 100 (NOTE 5) | 150 (NOTE 5) | 1.2 |
| RCW-12 | 8",4",6",8" | | | | | |
| RCW-13 | 8",4" | | | | | |
| RCW-14 | 3" | | | | | |

NOTES:

1. SEE NOTE 1 ON SHEET 2.
2. SEE NOTE 2 ON SHEET 1.
3. TCV-5 HAS BEEN DISCONNECTED PNEUMATICALLY AND IS OPERATED MANUALLY.
4. RELIEF DISCHARGE TO BE DIRECTED TO ENSURE FLUID DISCHARGE COLLECTS IN SUMP.
5. MAX. TEMP. AND PRESS. FOR ACCIDENT CONDITIONS INSIDE DRYWELL ARE 267psig AND 280°F.

LEGEND:

- COOLING WATER SUPPLY
- COOLING WATER RETURN
- VALVE NORMALLY CLOSED
- * BY OTHERS
- BALL JOINT
- VALVE NORMALLY OPEN

## REFERENCE DRAWINGS

| | |
|---|---|
| FLOW DIAG. - SAMPLING SYS. - SH. 2 | G-191165 |
| FLOW DIAG. - CIRC. WTR. & MISC. SYS. | G-191166 |
| FLOW DIAG. - FIRE PROTECTION SYS. | G-191163 |
| YARD PIPING PLAN - SH. 1 | G-191280 |
| FIRE WATER PIPING PLAN | G-191196 |
| REACTOR BUILDING - SERVICE & COOLING WATER PIPING PLANS | G-191194 |
| TURBINE BUILDING - SERVICE & COOLING WATER PIPING PLANS | G-191192 |
| PIPING & INSTRUMENT SYMBOLS | G-191156 |
| VALVE & SPECIALTY LIST | B-191157 |
| LIST OF DRAWINGS | A-191134 |

SYSTEM INTENDED FUNCTION BOUNDARY

COMPONENTS SUBJECT TO AMR

- RESIDUAL HEAT REMOVAL SYSTEM AMRM-02
- SERVICE WATER SYSTEM AMRM-11
- REACTOR BUILDING CLOSED COOLING WATER SYSTEM AMRM-12
- REACTOR COOLANT SYSTEM PRESSURE BOUNDARY AMRM-33

| REV | DESCRIPTION | BY | CHKD. | APPD. |
|---|---|---|---|---|
| 37 | REVISED PER CU ER 2003-0281 | 5-5-04 WO | 5-12-04 NL | 5-12-04 RB |
| 36 | REVISED PER VYDC 2000-004, JO 2000-038 | 3-8-02 LD | 3-8-02 ADP | 3-8-02 HMM |

$TIMES

Entergy Nuclear Northeast

ENTERGY NUCLEAR VERMONT YANKEE
VERNON, VERMONT

DRAWING TITLE: FLOW DIAGRAM RCW COOLING WATER SYSTEM

DRAWING NO. G-191159 SH. 3

| NO. | DATE | DESCRIPTION | BY | ENG | CHK | APP |
|---|---|---|---|---|---|---|
| 0 | 4-4-05 | . | . | . | . | . |

REVISIONS

LRA-G-191159-SH-03-0

CAD FILE: LRA-G 191159-SH-03_37.DGN
RASTER FILE: G-191159-SH-03_37.TIF

$DATES $FILES

REDRAWN 1974
TESTA, ABBOTT & DICKSON, INC.
MANCHESTER, N.H.

THIS IS AN FSAR DRAWING

D-09