1-NHY-805554 ISI

REACTOR COOLANT SYSTEM

WELD IDENTIFICATION

New Hampshire Yankee — Seabrook Station

UNIT 1 — 1-NHY-805554ISI

REMOTE SAFE SHUTDOWN (LOOP 1 & 4)

REACTOR COOLANT PUMP

PUMP DISCH EL(-) 3'-0"

SECTION G-G (TYPICAL)

SECTION I-I (TYP LOOP 2 & 4 ONLY)

SECTION H-H (TYP LOOP 1 & 3 ONLY)

SECTION J-J (LOOPS 1 & 3 ONLY)

SECTION K-K (LOOPS 2 & 4 ONLY)

SECTION M-M (TYP LOOP 2 & 4 ONLY)

SECTION A-A (TYPICAL)

SECTION B-B (TYPICAL)

SECTION C-C (TYP ALL LOOPS)

SECTION D-D (LOOP 4 ONLY)

SECTION N-N (LOOP 1 ONLY)

SECTION E-E (TYP ALL LOOPS)

SECTION F-F (TYP LOOP 1 & 3)

SECTION S-S (LOOP 1 & 3)

SECTION O-O (LOOP 1 & 3 ONLY)

SECTION T-T (LOOP 3 ONLY)

SECTION P-P (LOOP 2 & 4 ONLY)

TYPICAL REACTOR COOLANT PUMP

TYPICAL STEAM GENERATOR

STEAM GENERATOR A

STEAM GENERATOR B

STEAM GENERATOR C

STEAM GENERATOR D

LOOP 1

LOOP 2

LOOP 3

LOOP 4

CONTAINMENT 270° 180° (REACTOR)

CONTAINMENT 90° 0° (REACTOR)

REACTOR

NORMAL CHARGING (LOOP 1) PLUGGED (LOOP 3)

2" RCD BYPASS (COLD LEG)

ALTERNATE CHARGING (LOOP 4 ONLY)

THERMOWELL

3" RTD RETURN

2" LOOP DRAIN

3" LOOP DRAIN (LOOP 3 ONLY)

3" RTD RETURN (TOP)

2" LOOP DRAIN (BOT)

3" SAMPLING (LOOPS 1 & 3)

6" SAFETY INJECTION (LOOPS 2 & 3)

14" PRESSURIZER SURGE (LOOP 2)

12" REMOTE SAFE SHUTDOWN (LOOPS 1 & 4)

1" RTD BYPASS (HOT LEG) - 3 CONNS @ 120°

THERMOWELL

12" RESIDUAL HEAT REMOVAL (LOOPS 1 & 4)

INSTRUMENT TAPS

RTD (HOT LEG) MANIFOLD

BMR LOOP 1 ONLY

BMR LOOP 4 ONLY

LOCATION PLAN

GRAPIC SCALE (IN FEET)

NOTES:

1. L-x.x.x = WESTINGHOUSE SPOOL NUMBER
2. PRESSURE SURGE LINE (RC-49) HAS WEST. SPOOL NO.- SEE DWG 800049 ISI-1

REFERENCE DRAWINGS:

1. WELD IDENTIFICATION CORRELATION TABLE 805555 ISI
2. REACTOR VESSEL TO PIPE SAFE END CORRELATION SEE DWG 805555 ISI

△ INDICATES WELDS WITH ℄ PUNCH MARKS

REV	DATE	DRWN	CHKD	ECE	LTR	DESCRIPTION
3	11/23/83					ADDED SPOOL NO'S, CONT DWG NO'S, BMR NO'S, REF DWG NOTE 2 & NOTES 1 & 2. UPDATED DIMS SUPERCEDES UE&C DWG SO. 1-F 805554 TSI
2	4/5/83					ADDED FOOTPRINT, ADDED WELD NUMBERS TO REACTOR VESSEL PER REF DRAWINGS, REVISED FLOW ARROW DIRECTION, DELETED COMS. SEE NOTES 10 & 12. 2.5.6.8.11.28.35.48 TO LINE 4.8.9 & 10 TO LINE 9
1	7/15/82					ADDED WELDS
0	2/4/81					FOR INFORMATION

TFS	GPT	70°	RMK
		LT	
		LT	
		LT	

D-15

FOR INFORMATION ON