FOR CONTINUATION SEE DWG. NO. 500 298-010C

TOP OF VESSEL INSULATION - EL. 52'-4⅛"

11'-0⅝"

13" (15/16)

39" O.D.

26" O.D.

4⅝"

(4) N3A THRU N3D NOZZLES - (18" STEAM OUTLET)

N3A @ EL. 49'-1½"
N3B @ EL. 49'-7⅜"
N3C @ EL. 49'-7 11/16"
N3D @ EL. 49'-7 11/16"

℄ N13 & N14 HIGH & LOW PRESSURE MONITOR TAPS (ONE LOCATED ON 0° AZIMUTH & ONE LOCATED ON 5°-37'-30" AZIMUTH)

BOTTOM OF REFUELING BELLOWS EL. 51'-8⅜"

25¼"

61" WELD ZONE

13¼" (MIN.)

(2) REMOVABLE INSPECTION AREA 13¾" HIGH X 5'-0" WIDE EQUALLY SPACED 180° & 330° ALONG VESSEL SHELL TO SHELL APPROACH WELD

AUX. VIEW HORIZONTAL WELD INSPECTION PANELS

18'-9⅝" O.D. VESSEL INSULATION (225.625")

10'-4⅛"

SPACING CREATES DIFFICULTY FOR PERSONNEL ACCESS.

10 11/16"

75"

1 9/16"

9⅛"

2"

℄ (4) STABILIZER BRACKETS EL. 44'-9"

14" INSUL. CUT AWAY

(2) N11A & N11B NOZZLES (2" INSTRUMENTATION) N11A @ 45°-2⅝" N11B @ 45°-2⅝"

11" O.D.

17" O.D.

TOP OF BIOLOGICAL SHIELD EL. 44'-2"

60" INSUL CUT AWAY

7"

15"

EL. 44'-2" BIOLOGICAL SHIELD

18'-1 13/16"

2'-5½"

(2) REMOVABLE INSPECTION AREA 8'-2⅝" HIGH x 18¼" ON ONE SIDE OF WELD & EQUALLY SPACED @ ℄ OF WELDS @ 180° & 330°

4'-10"

AUX. VIEW VERTICAL WELD INSPECTION PANELS

5'-11"

18'-1" (217") O.D. VESSEL - COLD
18'-1⅛" (217⅛") O.D. VESSEL - HOT

20'-2½" DIAM. INSIDE (BIOLOGICAL SHIELD)

2'-3½"

8 7/16"

10'-11" To ℄ VESSEL

12'-3"

BIOLOGICAL SHIELD WALL

8 7/16"

2'-3½"

10 5/16"

23⅜"

7'-7"

18 @ N4A
22 @ N4B, N4C & N4D

5'-7" x 7'-5" @ N4A
3'-10" x 4'-1" @ N4B
& N4D
5'-10" x 2¾" @ N4C

4'-11½" @ N4A
2'-0½" @ N4B, N4D
10" @ N4C

10 5/16"

3'-6½"

5'-7" HIGH x 7'-5" WIDE

2'-0½"

2'-5"

3⅜"

2'-3⅝"

31" O.D.

20" O.D.

20½" O.D.

13½" O.D.

2'

9⅝" ⌀

(4) N4A THRU N4D NOZZLES - (10" FEEDWATER)

N4A @ EL. 38'-10"
N4B @ EL. 38'-10 9/32"
N4C @ EL. 38'-10 5/16"
N4D @ EL. 38'-10 1/16"

(1) N8 NOZZLE - EL. 36'-7 5/16" (3" CONTROL ROD DRIVE HYD. SYSTEM RETURN)

(2) N5A & N5B NOZZLES - @ EL. 37'-7⅛" (AS CORE SPRAY & FLOODING)

3⅝"

21¼" O.D.

33" O.D.

2'-0½"

4'-1" x 4'-1"

3'-4 11/16"

FOR INSULATION OUTLINE DIMENSIONS SEE DWG. No. 500298001C

10'-8 5/16"

INSULATION SUPPORT - EL. 34'-2 15/64"

N12A @ EL. 52'-2" (2) N12A & N12B NOZZLES - N12B @ EL. 52'-2" (2" INSTRUMENTATION)

WELDED TO VESSEL

11" O.D.

17" O.D.

2"

9¾"

1 9/16"

7'-6" N12A
2'-0½" N12B

4'-11½" @ N12A
2'-0½" @ N12B

5'-7" HIGH x 7'-5" WIDE @ N12A
4'-1" HIGH x 2'-8" WIDE @ N12B

MATCH LINE - FOR CONTINUATION SEE DWG. NO. 500298002C

10'-4⅛"

AUXILIARY VIEW NOZZLES N4A & N4B

SCHEMATIC ELEVATION VIEW

NOTES:
1. NOZZLES & DOOR OPENINGS ROTATED INTO PICTURE PLANE.
2. ELEVATIONS SHOWN FOR NOZZLES ARE "AS BUILT."

CERTIFIED by VENDOR APPROVED By ... Date 12-19-68 FOR GENERAL ELECTRIC ATOMIC POWER EQUIP. DEPT. SAN JOSE, CALIFORNIA

CERTIFIED TO BE CORRECT AS MONTICELLO UNDER 500298N ... Date 12-6-68

MONTICELLO
GENERAL ELECTRIC CO. APED — SAN JOSE
VPF# 2485-4-4
EP# 2.4

INSULATION ARRANGEMENT - UPPER VESSEL FOR G.E. NUCLEAR REACTOR - MONTICELLO VESSEL UNIT

TRACED AND COMPILED FROM

DO NOT SCALE — USE DIMENSIONS ONLY

CUSTOMER'S ORDER NO. 205-H1190

CUSTOMER'S CONTRACT NO.

DIAMOND'S ORDER NO. 500298N

DRAWING NO. 10X-7831-323

SCALE 1/4" = 1'-0"

SHEET 1 OF 1

REVISIONS

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