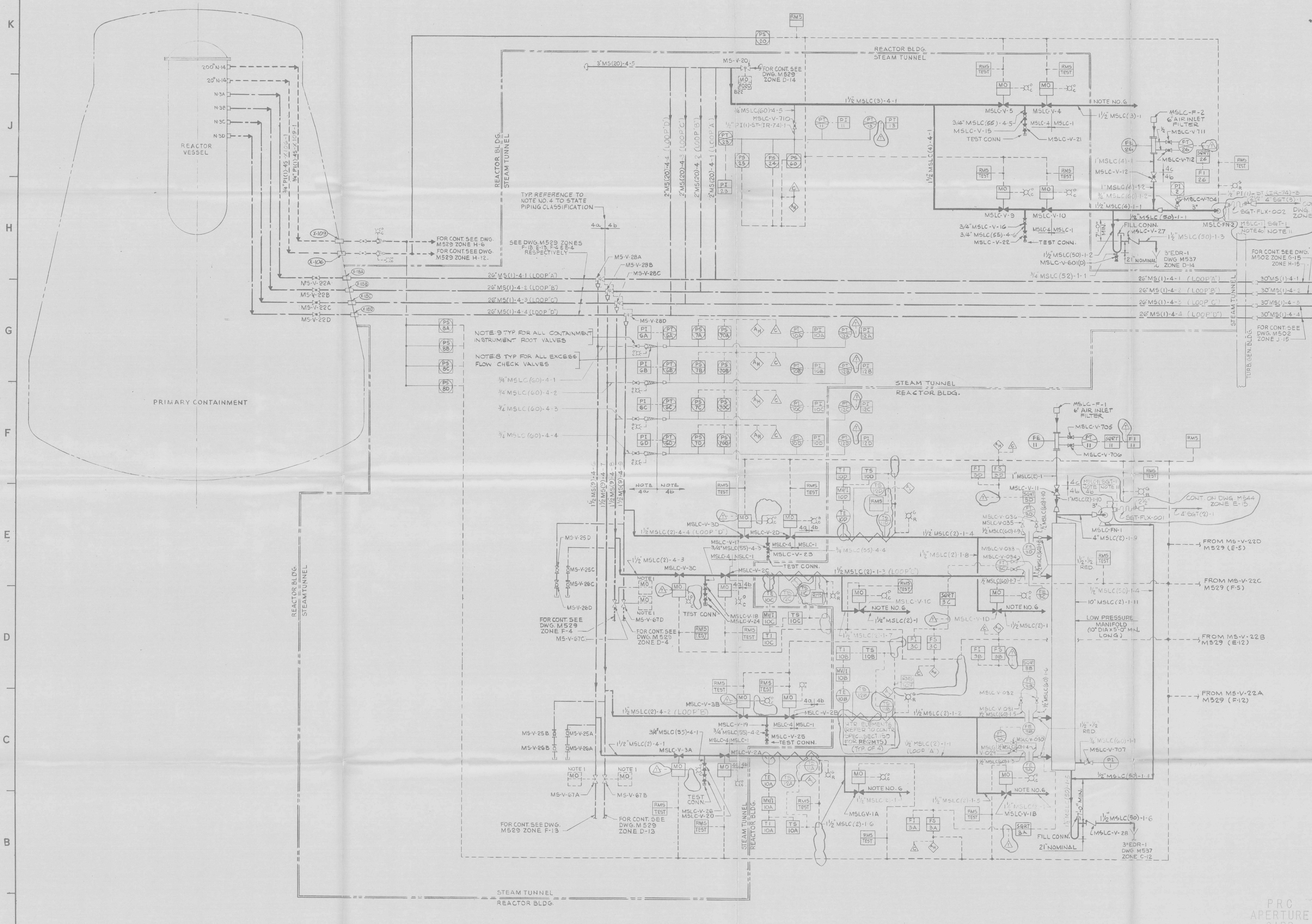

NOTE:

1. (DELETED)
2. (DELETED)
3. ALL PRESSURE AND FLOW INSTRUMENT ROOT VALVES NOT LABELED WILL BE 3/4" GLOBE UNLESS SPECIFICALLY NOTED OTHERWISE.
4. PIPING, VALVES & ASSOCIATED COMPONETS ON THIS DWG SHALL BE CLASSIFIED AS FOLLOWS (BREAK POINTS ARE INDICATED ON THE FLOW DIAGRAM):
   a) PROCESS AND INSTRUMENT PIPING 3/4" AND LARGER WITHIN THE PRIMARY CONTAINMENT AND OUT THROUGH THE OUTERMOST ISOLATION VALVES
      SEISMIC CATEGORY I
      QUALITY CLASS I
      CODE GROUP A
   b) PROCESS & INST. PIPING BEYOND THE OUTERMOST ISOLATION VALVES
      SEISMIC CATEGORY I
      QUALITY CLASS I
      CODE GROUP B
   c) AIR INLET PIPING AND COMPONENTS
      SEISMIC CATEGORY II ⊕
      QUALITY CLASS II
      CODE GROUP D

   ⊕ SEE SECT. 15Q, CONTRACT 215
5. SLOPE ALL PIPING 1/8" PER FT. TOWARDS DRAIN SEALS.
6. EXHAUST TO SAFE AREA IN REACTOR BUILDING TO AVOID HAZARD TO PERSONNEL.
7. ALL INSTRUMENTATION ON THIS DWG. SHALL BE PREFIXED BY, MSLC
8. EXCESS FLOW CHECK VALVE SHALL BE TAGGED AS FOLLOWS: PI-EFC-X (PENETRATION NO.)
9. CONTAINMENT INSTRUMENTATION ROOT VALVES SHALL BE TAGGED AS FOLLOWS: PI-V-X (PENETRATION NO.)
10. ALL INSTRUMENT LINES ARE DESIGNATED BY CODE AND LINE NUMBER.
    a. EXAMPLE: LINES ORIGINATING OUTSIDE CONTAINMENT
       1/2" PI(1)-ST — (H22-PO21)-A6
       CODE DESIGNATION — LINE NUMBER
11. DISCHARGE PIPING FROM MSLC-FN-1 & MSLC-FN-2 SHALL BE DESIGNATED AS SGT & CLASSIFIED AS FOLLOWS:
    SEISMIC CATEGORY: I
    QUALITY CLASS: I
    CODE GROUP: D
12. ALL PIPING DOWNSTREAM OF THE LAST ISOLATION VALVE AND OPEN TO THE ATMOSPHERE WITH THE SUBSYSTEM DESIGNATION "SYSTEM" (50) THRU (59) SHALL BE CLASSIFIED AS CODE GROUP D WITH QUALITY CLASS AND SEISMIC CATEGORY PROVIDED BY THE APPLICABLE NOTES ON THIS DRAWING.

LEGEND

1. ALL VALVES SUFFIXED WITH A (V) EQUAL A 3/4" VENT VALVE.
2. ALL VALVES SUFFIXED WITH A (D) EQUAL A 3/4" DRAIN VALVE.

Docket # 50-397
Control # 8311300333
Date 83/11/04 of Document
REGULATORY DOCKET FILE

FSAR FIG. NO 3.2-25

BURNS AND ROE, INC.
ENGINEERS AND CONSTRUCTORS
ORADELL, N.J. HEMPSTEAD, N.Y. LOS ANGELES, CALIF.

FLOW DIAGRAM
MAIN STEAM ISOLATION VALVE
LEAKAGE CONTROL SYSTEM
REACTOR BUILDING

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
HANFORD No. 2

PRC APERTURE CARD

REV. NO.	REVISION	DATE	DRWN	CHKD	APPROVED ENGR	APPROVED DATE
5	FOR REV. 4 SEE RECORD MAC CARD PER TASK 8300: ADDED PED 215-M-1116 (B/C-7,8,9, D/E-8,9, H-5,6, J-5)	11-6-79	JP			11/15/79
6	PER TASK 8300: PED 215-M-5115 (H-4,5, F-1,2)	2/15/80	KAD			2/25/80
7	PER TASK 3040 PED 215-M-5226 (E-4, B-5, H-3-4)	1/30/81	PRW			
8	PER TASK 3040: PED 215-M-4586 (B-4, H-4)	4/24/81	PRW			
9	PER TASK 3040: PED's 215-M-A109 (G-1-2, J-4, F-5) 220-I-568 (C-4)	6/29/81	PRW	LMB GHM		
10	PER TASK 3040: PED 220-I-0662 (F-G-7-8, J-7-8)	4/9/82	DRJ	LMB GHM	FJS	4/23/82
11	PER TASK 3040: PED 215-I-8753 (B-D-4-6, D-E-4-6)	6/9/82	DRJ	LMB GHM	FJS	6/11/82
12	PER TASK 3040 PED 220-I-0784 (B-C-7-8, C-D-7, D-8, E-7)	7/26/82	DRJ	LMB GHM	m.R	8/6/82
13	PER TASK 6677: PCN 7198 ADDED UNIQUE NUMBERS TO ALL ASME III PIPING (MECHANICAL AND INSTRUMENTATION)	8/18/82	J.D.			8/20/82
14	PER TASK 3040: PED 215-E-C094 (C-7)	10/25/82	DRJ	LMB GHM		11/5/82
15	PER TASK 3040: PED-215-M-K368 (E-4-6, C-D-5-6, C-8-9)	4-27-83	MH	LMB GHM		5/13/83
16	PER TASK 3040: PED 218-E-B110 (K-1-2, J-3, J-7, E-6, F-4, B-5, D-5, D-6, C-8, C-9, D-9, E-8, F-7, G-7) 215-M-M469 (E-3-5, H-2-3, F-G-1-2), 215-M-N167 (K-1-2, H-2-3, E-3-4), 215-M-N606 (F-1-2), 215-M-M346 (C-D-6-7, B-C-7-8, E-F-7, D-7-8)	7/12/83	DRJ	LMB GHM		7/25/83

RELEASED FOR	BY	DATE
STATUS		
PRELIMINARY INFO.		
BIDDING ONLY		
ADDENDUM NO.		
AMENDMENT NO.		
CONSTRUCTION		
APPLY TO SPEC. NO.		

7/25/83

ENGINEERING REVIEW	MECH.	ELECT.	STRUCT.	INST.
ENG'R			—	
DATE	11/14/74	11/14/74	—	11/14/74

APPROVED FOR CONSTRUCTION 11/14/74 FOR CHIEF MECHANICAL ENGINEER

CLIENT APPROVAL

SCALE: NONE
DRWN. E.E.C. CHKD. G. BIUNDO
SL/LDE B.S.S. DATE 11-11-74
REVIEWED BY CHIEF DRAFTSMAN 11/11/74

W.O. 2808
DWG. M557 REV 16

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