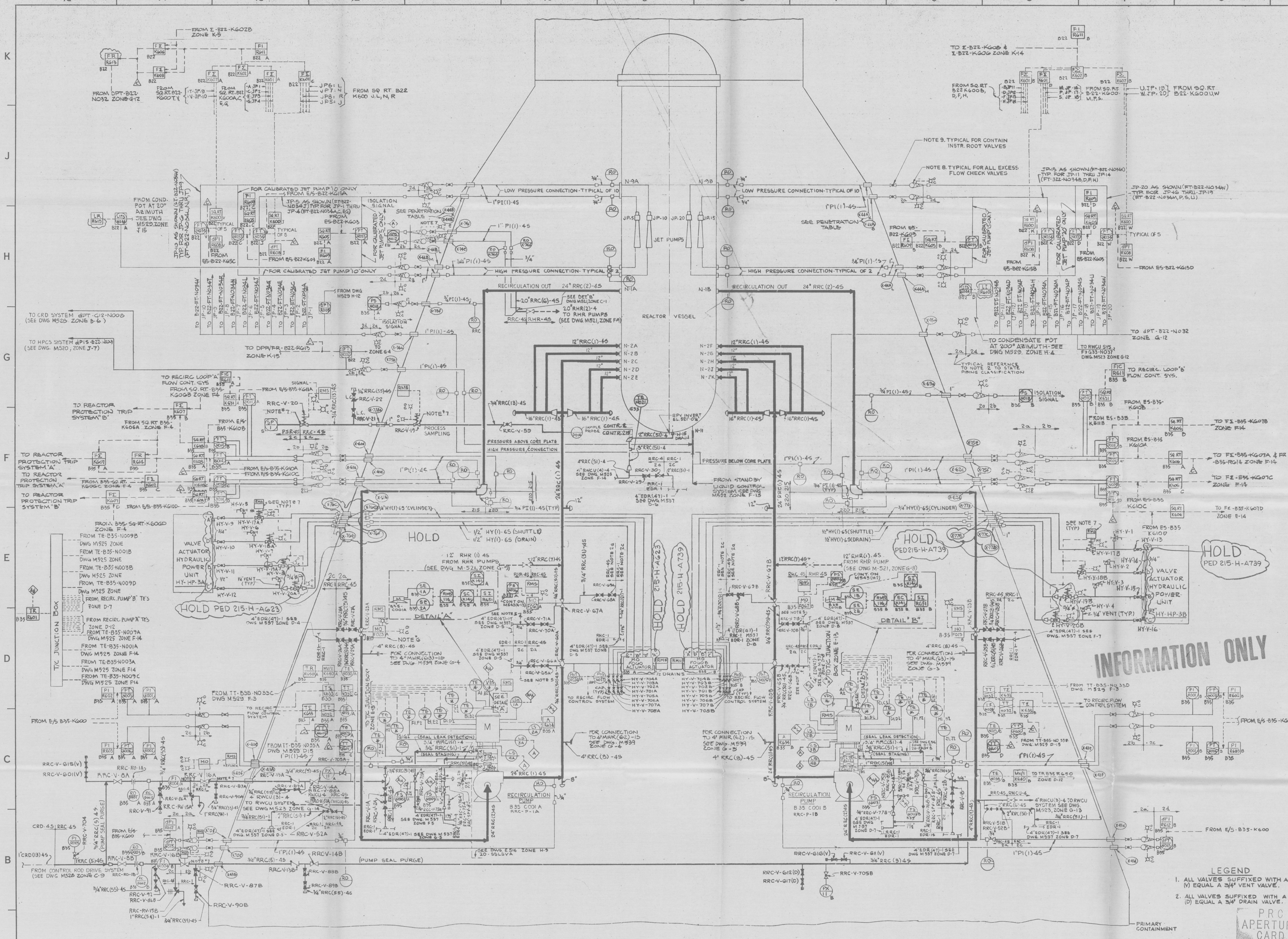
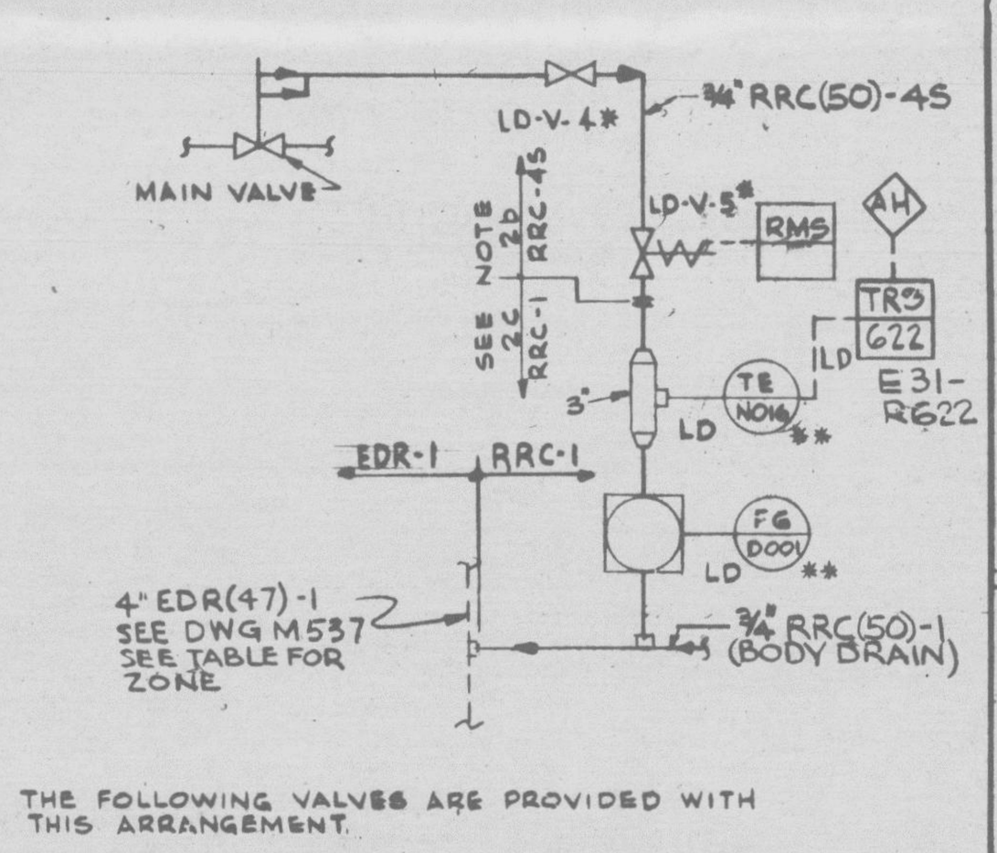


NOTES:

1. ALL ITEMS MARKED * ARE FURNISHED WITH ASSOCIATED EQUIPMENT.
2. PIPING, VALVES AND ASSOCIATED COMPONENTS ON THIS DWG. SHALL BE CLASSIFIED AS FOLLOWS (BREAK POINTS ARE INDICATED ON FLOW DIAGRAM):
   a. PIPING AND VALVES OF SUBSYSTEM RRC (1), (2) AND (3) AND INSTRUMENT PIPING AND VALVES AS NOTED
      SEISMIC CATEGORY I
      QUALITY CLASS I
      CODE GROUP A
   b. PIPING AND VALVES OF SUBSYSTEM HY(1) AND INSTRUMENT AND PROCESS PIPING AND VALVES AS NOTED:
      SEISMIC CATEGORY I
      QUALITY CLASS I
      CODE GROUP B
   c. INSTRUMENT AND PROCESS PIPING AND VALVES AS NOTED
      SEISMIC CATEGORY II-⊕
      QUALITY CLASS II } ¢
      CODE GROUP D
   d. PUMP SEAL DRAIN LINES AND INSTRUMENT PIPING AS NOTED
      SEISMIC CATEGORY I
      QUALITY CLASS I
      CODE GROUP C
   ⊕ SEE SECT. 15Q CONTRACT 215
3. ALL INSTRUMENT ROOT VALVES NOT LABELED WILL BE 3/4" GLOBE VALVES UNLESS SPECIFICALLY NOTED OTHERWISE.
4. ALL PIPING SYSTEMS IDENTIFIED BY THE PREFIX "PI" & "PSR" SHALL BE SUPPLIED AND INSTALLED BY CONTRACT #220
5. DETAIL SHOWS VALVE STEM LEAK-OFF CONNECTION WITH LEAK DETECTION



THE FOLLOWING VALVES ARE PROVIDED WITH THIS ARRANGEMENT.

MAIN VALVE	* LEAK-OFF VALVE SUFFIX	** TE, FG SUFFIX	ZONE
RRC-V-23A	E	B1	D-12
RRC-V-23B	F	B2	D-6
RRC-V-60A	G	B3	D-10
RRC-V-60B	H	B4	D-8
RRC-V-67A	L	B7	E-10
RRC-V-67B	M	B8	E-8

JET PUMP TRANSMITTER L.P. SENSING LINE PENETRATION TABLE

PUMP Nº	INSTR. PENETR. Nº	FT-Nº	FT-Nº
JP-1	X-44Ba	FT-B22-N034A	—
JP-2	X-44Bb	FT-B22-N034C	—
JP-3	X-44Bc	FT-B22-N034E	—
JP-4	X-44Bd	FT-B22-N034G	—
JP-5	X-44Be	FT-B22-N034J	FT-B22-N033A
JP-6	X-44Bf	FT-B22-N034L	—
JP-7	X-44Bg	FT-B22-N034N	—
JP-8	X-44Bh	FT-B22-N034R	—
JP-9	X-44Bj	FT-B22-N034T	—
JP-10	X-44BK	FT-B22-N034V	FT-B22-N033C
JP-11	X-44Aa	FT-B22-N034B	—
JP-12	X-44Ab	FT-B22-N034D	—
JP-13	X-44Ac	FT-B22-N034F	—
JP-14	X-44Ad	FT-B22-N034H	—
JP-15	X-44Ae	FT-B22-N034K	FT-B22-N033B
JP-16	X-44Af	FT-B22-N034M	—
JP-17	X-44Ag	FT-B22-N034P	—
JP-18	X-44Ah	FT-B22-N034S	—
JP-19	X-44Aj	FT-B22-N034U	—
JP-20	X-44AK	FT-B22-N034W	FT-B22-N033D

6. THIS EQUIPMENT IS NORMALLY CONTROLLED FROM THE MAIN CONTROL ROOM. IF THE MAIN CONTROL ROOM MUST BE VACATED, THIS CONTROL POINT MAY BE ISOLATED AND CONTROL TRANSFERRED TO THE REMOTE SHUT-DOWN PANEL C61-P001
7. THESE VALVES WILL BE INCLUDED IN THE "ISOLATION VALVE POSITION DISPLAY PANEL".
8. EXCESS FLOW CHECK VALVES SHALL BE TAGGED AS FOLLOWS:
   PI-EFC-X(PENETRATION NO.)
9. CONTAINMENT INSTRUMENTATION ROOT VALVE SHALL BE TAGGED AS FOLLOWS:
   PI-V-X(PENETRATION NO)

Ø EXCEPT AS NOTED ON M619 INSTRUMENT CONNECTION DIAGRAMS

10. ALL INSTRUMENTATION ON THIS DRAWING TO BE IDENTIFIED BY PREFIX "RRC" UNLESS SPECIFICALLY NOTED OTHERWISE.

ON HOLD
PED 215-H-A623
PED 215-H-A739

VOID

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.

PRC APERTURE CARD

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

FLOW DIAGRAM NUCLEAR BOILER RECIRCULATION SYSTEM

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
HANFORD No. 2

REV. Nº	REVISION	DATE	DRWN	CHKD	APPROVED ENG'R	APPROVED DATE/PROJ
27	PER TASK 3040: PED'S-220-I-0629(H-5, H-15) 220-I-0593 (K-15)	4-8-82	MH		JJS	4/23/82
24	PER TASK 3040: PED 218-E-2716 (H-11)	1/7/81	PRW			
25	PER TASK 3040 PED 220-I-0509 (F-7, F-11)	2-10-81	PRW			
26	PER TASK 3040: PED'S 215-M-A408(D-12, D-5, B-13, B-4-9) 215-M-A491 (B-C-14) 215-M-A816 (G-10-11, F-G-7)	10/20/81	DRJ			
CONT. 21	PED 220-I-0258 (C-10, E-11, C-7, E-6,7) PCN 6768 & PED 215-M-5129 (D-12, D-6, C-8,9,10) PED 215-I-1818 (F,G-13) PED 215-M-1969 (B,C-13,14) PED 215-M-2236 (H-1,2) PCN 6527 & PED 215-M-2170 (D-8,9) PED 220-I-0328 (E-10, E-7)	5-2-80	KAD			5/2/80
22	PER TASK 8300: ADDED PED 220-I-0548 (G-13 & G-4).	6-2-80	PE			6/20/80
23	PER TASK 8300: ADDED PCN 7002 & PED 220-M-5039 (G,F-6) 220-I-0426 (H-12)	10/3/80	KAD J.F.			10/3/80
19	FOR REVISION 18 SEE RECORD M.A.C. PER TASK 8300: DELETED PED. 215-M-1105 FROM REV. 18 THIS DRAWING PER PED. 215-M-1116 (A-13, B-12,13, C-12,13) 215-M-5129 (C-8,9,10, D-6,11,12)	11-1-79	F.V.	A.M		11/7/79
20	PER TASK 8500: ADDED PED'S 215-M-5115 (A-13, B-5,7,8, C-15) 215-M-5134 (B-7, C-15)	12-19-79	JR			1/9/80
21	PER TASK 8300: ADDED PED 215-M-5178 ZONE H1.	1/21/80	PE	DSO		

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

4/23/82

ENGINEERING REVIEW	NUCL.	ELECT.	STRUCT.	INSTR
DIVISION	NUCL.	ELECT.	STRUCT.	INSTR
ENG'R				
DATE	5/9/73	5/9/73		5/9/73

APPROVED FOR CONSTRUCTION 5/9/73
CHIEF NUCLEAR ENGINEER
CLIENT APPROVAL

SCALE: NONE
DRWN. AB
CHKD. P. Gabriel
SL/LDE BSS
DATE 2/6/73
REVIEWED BY CHIEF DRAFTSMAN 7/6/73
W. O. 2808
DWG. M530
REV 27

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