CONTINUED

13. CONTRACT 71 FURNISHED INSTRUMENTS ON LOCAL CONTROL PANEL, WITH SUFFIX NUMBER "1" ARE SHOWN FOR FLOW DIAGRAM DEFINITION ONLY AND WILL NOT APPEAR ON THE LOCAL CONTROL PANEL.

NOTES:

1. ALL INSTRUMENTATION ON THIS DRAWING TO BE PREFIXED BY CAC UNLESS SPECIFICALLY NOTED OTHERWISE I.E. (P,T) IS IDENTIFIED AS CAC-PI-1
2. FOR FLOW DIAGRAM LEGEND, SYMBOLS AND ABBREVIATIONS SEE DRAWING M501.
3. MOTOR OPERATED VALVES (A.C.ONLY) ARE WITH SLOW CLOSURE TIME (WITH POSITION INDICATOR IN CONTROL ROOM.)
4. THE UNITS ARE STARTED FROM MAIN CONTROL ROOM: FOR HYDROGEN AND OXYGEN SAMPLING AND RECORDING SYSTEMS SEE DWG. M543.
5. ALARMS INDICATE LIGHTS ON LOCAL PANEL AND REMOTE ANNUNCIATION
6. ALL PIPING, VALVES AND ASSOCIATED COMPONENTS ON THIS DRAWING SHALL BE CLASSIFIED AS FOLLOWS:
   QUALITY CLASS I
   SEISMIC CATEGORY I
   CODE GROUP B EXCEPT WHERE INDICATED AS GROUP C OR D.
7. THESE VALVES WILL BE INCLUDED IN THE "ISOLATION VALVE POSITION DISPLAY PANEL"
8. ALL VALVE TEST CONNECTIONS FOR LINES PENETRATING PRIMARY CONTAINMENT SHALL CONSIST OF ¾" GLOBE VALVES WHICH SHALL BE TAGGED CAC-V-800-(NUMBER AS SHOWN)
9. ⬡ INTERFACE CONNECTION NUMBER PROVIDED BY H_2 RECOMBINE SKID SUPPLIER
10. ALL PRESSURE AND FLOW INSTRUMENT ROOT VALVES SHALL BE ¾" GLOBE VALVES UNLESS NOTED OTHERWISE.
11. ALL TAGS FOR INSTRUMENT ROOT VALVES WILL BE FURNISHED & INSTALLED BY OWNER
12. PIPING REFERRING TO THIS NOTE SHALL BE CLASSIFIED AS STATED IN NOTE 6 FOR MATERIAL FABRICATION AND INSTALLATION ONLY. CODE STAMP NOT REQUIRED.

DRYWELL

SUPPRESSION CHAMBER

CONTAINMENT ATMOSPHERE CONTROL SYSTEM

CAC-HR-1A H_2 RECOMBINER DIV I

CAC-HR-1B H_2 RECOMBINER DIV. II

WATER SEAL LOOP — FURNISHED BY CONTR# 71 FOR INSTALLATION BY CONTR# 215

LEGEND

1. ALL VALVES SUFFIXED WITH A (V) EQUAL A ¾" VENT VALVE.
2. ALL VALVES SUFFIXED WITH A (D) EQUAL A ¾" DRAIN VALVE.

INFORMATION ONLY VOID FSAR FIG NO 32.17

PRC APERTURE CARD

REV NO	REVISION	DATE	DRWN	CHKD	APPROVED ENGR	APPROVED QUAL	APPROVED PROJ
21	PER TASK 3040: PED'S 215-D-B145(F-9, F-G-10,E-9,E-11, C-5), C-6) 215-M-B401 (F-14-15, F-1-2)	4/80/82	DRJ	4/30/83		5/3/83	

REV NO	REVISION	DATE	DRWN	CKD.	APPROVED ENGR	APPROVED QUAL	APPROVED PROJ
17	PER TASK 3040: PED 208-B-0096(E-15, E-1)	6-1-81	PRW				
18	PER TASK 3040: PED 215-B-A325(H-7, H-9, G7, G-9, E-7, E-9, D-7, D-9)	9/1/81	REP				
19	PER TASK 3040: PED 215-M-A478 (C-11) RFI 215-3484 (E-F-15)(E-F-1)	11-3-81	DRJ				
20	PER TASK 3040: PED 220-I-0593 (D-13, D-12)	2-1982	L.S.				

REV NO	REVISION	DATE	DRWN	CKD.	APPROVED ENGR	APPROVED QUAL	APPROVED PROJ
14	PER TASK 8300: ADDED PED 215-B-3648 (D/E-2/3, D/E-13, F-4, F-12, G-2, G-14)	8-1980	DSº				
15	PER TASK 8300: ADDED PED'S 220-I-0416 (F-4), 220-I-0415 (G-3, 14), 215-B-3990 (C-5, 11)	10/1980	J.F.				
16	PER TASK 3040: PED 220-I-0520 (G-4, G-12)	3-281	PRW				

REV NO	REVISION	DATE	DRWN	CHKD	APPROVED ENGR	APPROVED QUAL	APPROVED PROJ
11 CONT.	(F-5, 12, G-2, 14); R215-CM-1233 (F-1, 12 (G-2, 12); R220-CM-0989 (F-2, 4, 12 (G-2, 14, K-3/4)	9/1/79	F.N.	W.H.		9/1/79	
12	PER TASK 8300: ADDED PED 215-M-5154 (C-5, C-11) PED 215-M-B115 (C-5, C-11, C-12)	8/15/80	KAD				
13	PER TASK 8300: ADDED PED-215-B-2267 (D, E, F-2, 3, 4 4 D, E, F-12, 13, 14.	10/1/80	P.W.L.			1/14/80	

REV NO	REVISION	DATE	DRWN	CHKD	APPROVED ENGR	APPROVED QUAL	APPROVED PROJ
10	FOR REV 10 SEE RECORD MAC PER PCN 24071 & PED 215-M-5118	9/1/79	V.K.	R.J.K.			
11	PER RFI 215-3448 & PCN 6278 PER PCN 66514 PED 215-M-5056(C-5,C-11) PER TASK 8300: ADDED PED'S 215-M-1014 (D-4, 12/H, 2); 220-I-0051 (E-4, 12) 220-I-0039	10/1/79 2-21-79	V.K. V.D. KAD	R.J.K. PAL			

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

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

FLOW DIAGRAM-H & V
CONTAINMENT ATMOSPHERE CONTROL SYSTEM
REACTOR BLDG.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
HANFORD NO. 2

ENGINEERING REVIEW					
DIVISION	M/A/C	ELECT.	I&C/L	INSTR	
ENGR.					
DATE					

APPROVED FOR CONSTRUCTION
CHIEF MECHANICAL ENGINEER

SCALE: NONE
DRWN J.C. CHKD. P. Gerhardt
LOG BSS DATE 8-8-74
J. A. Williams (REF) 8/9/74
REVIEWED BY CHIEF DRAFTSMAN

W. O. 2808
DWG. M554 REV 21

CLIENT APPROVAL

REGULATORY DOCKET FILE COPY

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