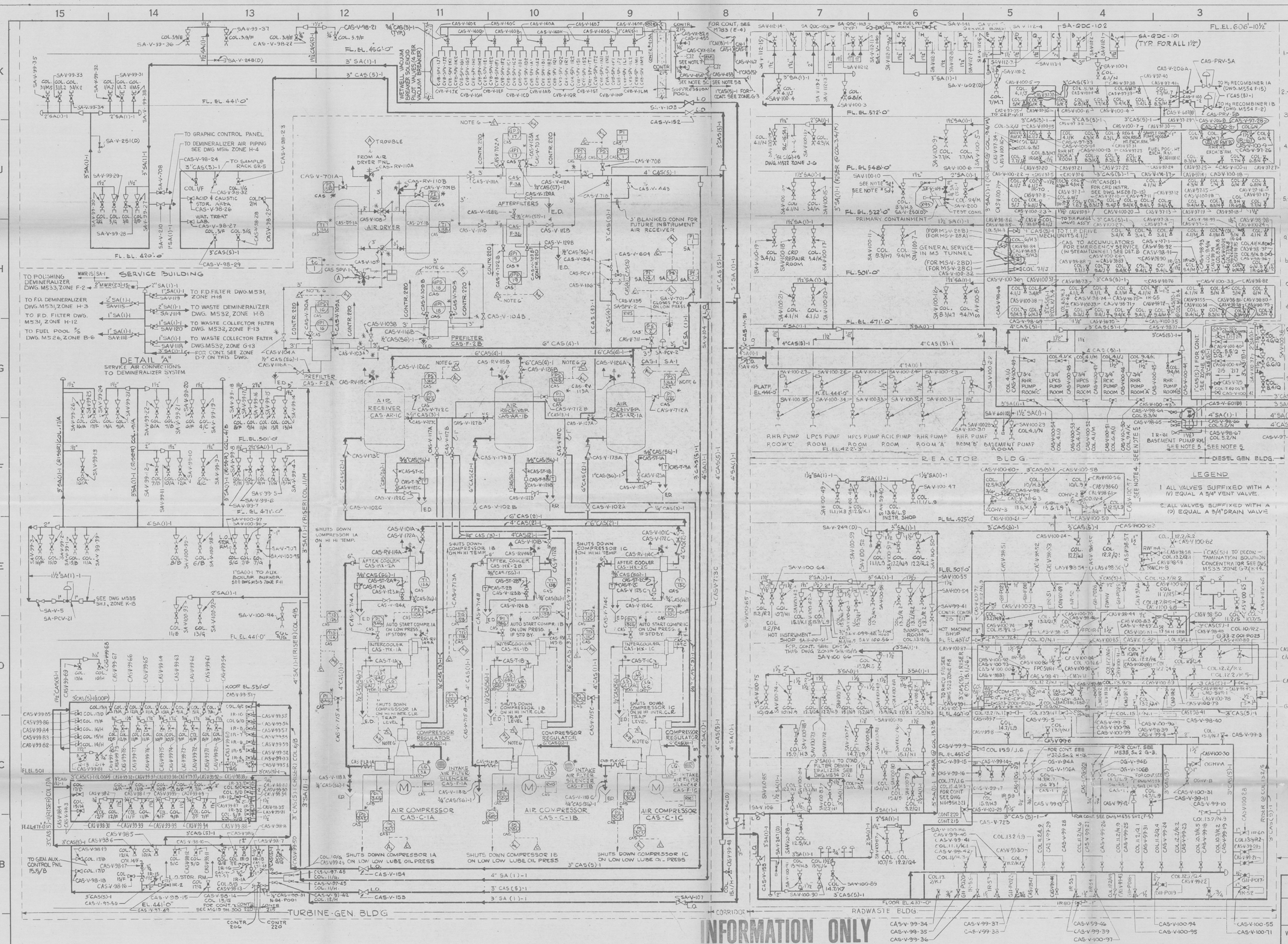


## NOTES:

1- ALL INSTRUMENTS ON THIS DRAWING TO BE IDENTIFIED BY PREFIX "CAS" OR "SA" AS APPLICABLE, UNLESS SPECIFICALLY NOTED OTHERWISE.

2.- ALL ITEMS MARKED * ARE FURNISHED WITH ASSOCIATED EQUIPMENT.

3.- ALL INSTRUMENT ROOT VALVES NOT LABELED WILL BE 3/4" GLOBE VALVES UNLESS SPECIFICALLY NOTED OTHERWISE.

4- ALL PIPING, VALVES & ASSOCIATED COMPONENTS ON THIS DRAWING ARE CLASSIFIED AS FOLLOWS EXCEPT IN THE REACTOR & DIESEL GENERATOR BUILDINGS.
QUALITY CLASS II
SEISMIC CATEGORY II
CODE GROUP - D

5.- ALL PIPING, VALVES & ASSOCIATED COMPONENTS ON THIS DRAWING IN THE CONTROL & SERVICE AIR SYSTEM IN THE REACTOR & DIESEL GENERATOR BUILDINGS SHALL BE CLASSIFIED AS FOLLOWS (BREAK POINTS ARE INDICATED ON THE FLOW DIAGRAM):

a.- ALL PIPING EXCEPT AS NOTED IN b,c,d BELOW — QUALITY CLASS II, SEISMIC CLASS II ⊕, CODE GROUP D
⊕ SEE SECTION 15Q CONTRACT 215

b.- CAS(5) DOWNSTREAM OF AND INCLUDING THE LAST SYSTEM ISOLATION VALVE (AS SHOWN IN DETAIL B) — QUALITY CLASS I, SEISMIC CLASS I, CODE GROUP C

c.- CAS(5) DOWNSTREAM OF THE LAST CONTAINMENT ISOLATION VALVE (AS SHOWN IN ZONE K-8) — QUALITY CLASS I, SEISMIC CLASS I, CODE GROUP B

d.- SA(1)-1 DOWNSTREAM OF AND INCLUDING THE LAST CONTAINMENT ISOLATION VALVE (AS SHOWN IN ZONE J-6) — QUALITY CLASS I, SEISMIC CLASS I, CODE GROUP B

6. THESE COMPUTER INPUT POINTS ARE NOT USED

7. THESE VALVES WILL BE INCLUDED IN THE "ISOLATION VALVE POSITION DISPLAY PANEL."

SA HEADER — FOR SUB-DESIGNATION NUMBERS SEE BODY OF DWG

### 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

INFORMATION ONLY

VOID

BR FSAR FIG. NO. 9.3-1

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

FLOW DIAGRAM
CONTROL & SERVICE AIR SYSTEMS

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
HANFORD No. 2

| REV. NO. | REVISION | DATE | DRWN. | CHKD. | APPROVED ENGR. | APPROVED PROJ. |
|---|---|---|---|---|---|---|
| 42 (CONT) | D-E-12-13, B-11, G-15, F-12-13, K-3) W215-M-8162 (E-9, E-10, E-11, F-9, F-10-11, F-12) 215-M-5312 (K-8) | 3/12/82 | DRJ | GHM | FJS | 4/2/82 |
| 43 | PER TASK 3040: PED 215-D-A916 (J-2-3, K-4-5, H-2-3, F-G-3, H-5) | 4/23/82 | REP | GHM | FJS | 4/30/82 |
| 40 | PER TASK 3040: RFI 215-2711 (B-3) 215-M-A156 (K-11) 220-I-0605 (B-15) 215-M-A605 (F-10, F-11) | 10/5/81 | REP | GHM | FJS | 4/2/82 |
| 41 | PER TASK 3040: PED'S W215-M-5308 (K-8-9) W215-M-4995 (D-15) 215-D-A840 (F-8-9, F-10, F-11, E-9, E-10, E-11-12) | 12/14/81 | REP | GHM | FJS | 4/30/82 |
| 42 | PER TASK 3040: PED'S W215-D-A881 (K-13, B-7, B-8, E-7, J-14-15, J-6, K-5-6, D-E-14, | — | — | — | — | — |
| 38 | FOR PREVIOUS REVISION SEE PREVIOUS ISSUE PER TASK 3040: PED'S 215-M-4958 (E-9, E-10, E-11) 215-M-4777 (C-D-8, C-11, D-11, E-9, C-9, D-9, E-11) | 6-3-81 | PRW | GHM | FJS | 4/2/82 |
| 39 | PER TASK 3040: PED'S W215-D-3919 (D-5, G-3) W220-M-0541 (D-E-1) 215-D-4762 (D-5) | 3/19/81 | DRJ | GHM | FJS | 4/2/82 |

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

ENGINEERING REVIEW

| DIVISION | MECH. | ELECT. | CIVIL | INSTR. |
|---|---|---|---|---|
| ENG'R | [illegible] | [illegible] | — | [illegible] |
| DATE | 4/13/82 | 4/13/82 | | 4/13/82 |

APPROVED: [illegible] — REVIEWED BY CHIEF DRAFTSMAN: [illegible]
CHIEF MECHANICAL ENGINEER 3/1/80
CLIENT APPROVAL

SCALE: NONE
DRWN. J.O. CHKD. P. Gaspriel
SL/LOC DSS DATE 3/5/73
A.A. Villanueva [illegible] 3/5/73
REVIEWED BY CHIEF DRAFTSMAN

W.O. 2808
DWG. M 510 REV 43

10-7-83

REGULATORY DOCKET FILE COPY

PRC APERTURE CARD

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