



FOR VALVE PREFIX LETTERS - SEE DETAIL 'A'

COOLING COIL BANK NO.	RCC-V	AA	BB	CC	DD	EE	FF	GG	HH
CRA-CC-1A	120A	121A	122A	123A	124A	125A	126A	127A	
CRA-CC-1B	120B	121B	122B	123B	124B	125B	126B	127B	
CRA-CC-1C	120C	121C	122C	123C	124C	125C	126C	127C	
CRA-CC-2A	120D	121D	122D	123D	124D	125D	126D	127D	
CRA-CC-2B	120E	121E	122E	123E	124E	125E	126E	127E	

- GENERAL NOTES**
1. ALL TEMPERATURE WELL CONNECTIONS TO BE 1/2" NPT UNLESS SPECIFICALLY NOTED OTHERWISE.
 2. ALL INSTRUMENTATION ON THIS DRAWING TO BE IDENTIFIED BY PREFIX "RCC", UNLESS SPECIFICALLY NOTED OTHERWISE.
 3. ALL INSTRUMENT ROOT VALVES NOT LABELED WILL BE 1/2" GLOBE VALVES UNLESS SPECIFICALLY NOTED OTHERWISE.
 4. ALL ITEMS MARKED & ARE FURNISHED WITH ASSOCIATED EQUIPMENT.
 5. PIPING AND VALVES AND ASSOCIATED COMPONENTS ON THIS DRAWING SHALL BE CLASSIFIED AS FOLLOWS EXCEPT AS NOTED IN NOTE 6. BREAK POINTS ARE INDICATED ON THE FLOW DIAGRAM.

- D. INSIDE PRIMARY CONTAINMENT BEYOND THE INNERMOST CONTAINMENT ISOLATION VALVES**
- SEISMIC CATEGORY II
QUALITY CLASS II
CODE GROUP C
- b. PRIMARY CONTAINMENT ISOLATION VALVES AND ALL PIPING AND VALVES BETWEEN THESE ISOLATION VALVES**
- SEISMIC CATEGORY I
QUALITY CLASS I
CODE GROUP B
- C. THE RADWASTE BLDG. STARTING FROM THE REACTOR BUILDING WEST WALL**
- SEISMIC CATEGORY II
QUALITY CLASS II
CODE GROUP D

- 1. ALL PIPING, VALVES AND ASSOCIATED COMPONENTS ON THIS DRAWING, IN THE RCC SYSTEM, IN THE REACTOR BUILDING, SHALL BE CLASSIFIED AS FOLLOWS, EXCEPT AS NOTED:**
- SEISMIC CATEGORY II
QUALITY CLASS II
CODE GROUP D
- 2. ALL PIPING, VALVES AND ASSOCIATED COMPONENTS ON THIS DRAWING EXCEPT AS NOTED ABOVE:**
- SEISMIC CATEGORY I
QUALITY CLASS I
CODE GROUP B
- 6. THESE VALVES WILL BE INCLUDED IN THE ISOLATION VALVE POSITION DISPLAY PANEL.**
- 8. 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" GLOBE VALVE EXCEPT AS NOTED.
 2. ALL VALVES SUFFIXED WITH A (D) EQUAL A 3/4" DRAIN VALVE.

FOR INSTRUMENT & VALVE PREFIX LETTERS SEE DETAIL 'A'

COOLING COIL BANK NUMBER	RCC-TX	RCC-PX	RCC-V	AA	BB	CC	DD	EE	FF	GG	HH
CRA-CC-1A	30A	31A	32A	33A	34A	35A	36A	37A	38A	39A	40A
CRA-CC-1B	30B	31B	32B	33B	34B	35B	36B	37B	38B	39B	40B
CRA-CC-1C	30C	31C	32C	33C	34C	35C	36C	37C	38C	39C	40C
CRA-CC-2A	30D	31D	32D	33D	34D	35D	36D	37D	38D	39D	40D
CRA-CC-2B	30E	31E	32E	33E	34E	35E	36E	37E	38E	39E	40E

VOID

FOR INFORMATION ONLY

PRO APERTURE CARD

280190789

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

FLOW DIAGRAM
CLOSED COOLING WATER SYSTEM
REACTOR AND RADWASTE BUILDING
WASHINGTON PUBLIC POWER SUPPLY SYSTEM
HAFORD No. 2

ENGINEERING REVIEW
SCALE: NONE

REVISION

NO.	DATE	DESCRIPTION	BY	CHKD.
25	12-10-81	FOR PREVIOUS REVISIONS SEE PREVIOUS ISSUE	W. O. 2808	
26	12-10-81	PER TASK 3040: PED-215-D-3671(A-B-12-13, B-R-11, A-B-13-14, K-12)	W. O. 2808	
27	12-10-81	PER TASK 3040: PED-215-M-A904(E-5), 220-1-0575, 220-1-0445(E-F-8-9, K-6), 215-M-B103(D-10), 215-M-B025(B-C-7), 215-D-A903(E-5-D-22) (H-14-15, E-F-14, B-5-F-12, F-2, G-1, E-F-10, W-215, M-B709(A-B, C-15))	W. O. 2808	

APPROVED
W. O. 2808
DWG. M525