



- NOTES**
1. ALL PRESSURE AND FLOW INSTRUMENT ROOT VALVES NOT LABELED WILL BE 3/4" GLOBE UNLESS SPECIFICALLY NOTED OTHERWISE.
 2. THESE COMPONENTS ARE SUPPLIED WITH THE ASSOCIATED EQUIPMENT
 3. PIPING VALVES AND ASSOCIATED COMPONENTS ON THIS DWG. SHALL BE CLASSIFIED AS FOLLOWS (BREAK POINTS ARE INDICATED ON THE FLOW DIAGRAM)
 - a. ALL PIPING AND VALVES, EXCEPT AS NOTED:
SEISMIC CATEGORY II
QUALITY CLASS II
CODE GROUP D
SEE SECTION 15.4 CONTRACT 215
 - b. ALL PIPING AND VALVES, EXCEPT AS NOTED:
SEISMIC CATEGORY I
QUALITY CLASS I
CODE GROUP B
 4. # UNIQUE LINE NUMBERS 1 THRU 185 ARE DIRECTLY RELATED TO THE HYDRAULIC CONTROL UNIT (HCU) MPL NUMBERS ASSIGNED BY G.E.
 5. ALL INSTRUMENTATION ON THIS DWG TO BE IDENTIFIED BY THE PREFIX "CRD" UNLESS OTHERWISE NOTED
 6. CODE BREAK DEFINITIONS FOR THERMOWELLS ARE SHOWN ON M610. INSTALLATION OF THERMOWELLS AND SAMPLE PROBES.

DETAIL "A" HYDRAULIC CONTROL UNIT (HCU)

DESIGN CONTROL FOR START-UP SYSTEM(S)
TRANSFERRED TO WPPSS. ALL FUTURE CHANGES TO THIS (THESE) SYSTEM(S) SHALL BE INITIATED AND APPROVED BY THE SUPPLY SYSTEM. ALL REVISIONS TO THIS DRAWING REQUIRE APPROVAL OF THE SUPPLY SYSTEM AND THE ARCHITECT'S ENGINEER.

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

FLOW DIAGRAM
CONTROL ROD DRIVE SYSTEM

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
HANFORD No. 2

REVISION	DATE	BY	CHKD	APPROVED	REVISION	DATE	BY	CHKD	APPROVED
32	10/23/83	WJR	WJR	11/3/83	32	10/23/83	WJR	WJR	11/3/83

ENGINEERING REVIEW: *[Signature]*
SCALE: NONE
DIVISION: NUCLEAR
PROJECT: WPPSS
DATE: 11/3/83
W.O. 2808
DWG. M 528

REVISION	DATE	BY	CHKD	APPROVED	REVISION	DATE	BY	CHKD	APPROVED
32	10/23/83	WJR	WJR	11/3/83	32	10/23/83	WJR	WJR	11/3/83