



NEXT USED ON	
REFERENCE DRAWINGS	
NO.	DESCRIPTION
H-4-11030	PI&ID SODIUM RECEIVING AND UNLOADING SYSTEM
H-4-11031	PI&ID REACTOR PRIMARY SODIUM PROCESSING SYSTEM
H-4-11036	PI&ID PRIMARY SODIUM SAMPLING - HTS
H-4-11055	PI&ID LOW PRESS. AIR DISTRIBUTION IN CONTAINMENT
H-4-11058	PI&ID HIGH PRESS. AIR DISTRIBUTION IN CONTAINMENT
H-4-11089	PI&ID NAK IDS COOLING SYSTEM
H-4-11513	PI&ID IDS TANK CELL AND MISC. CELLS GAS COOLING
H-4-11518	PI&ID HTS CELL #3 & MISC. CELLS GAS COOLING
H-4-14002	PI&ID FLOW DIAGRAM IDS - SODIUM SYSTEM

NOTES:

1. * DENOTES THAT INSTRUMENTS ARE SUPPLIED WITH SUPPLIERS EQUIPMENT.
2. ALL LOCAL PANEL ALARMS ARE CONNECTED TO A COMMON ALARM ANNUNCIATOR IN THE CONTROL ROOM.
3. AUTOMATIC SEQUENCE CONTROL AND INTERLOCK OF EQUIPMENT IS SHOWN ON H-4-1254.
4. ALL NUMBERS FOR MANUALLY OPERATED VALVES ARE PRECEDED BY 'BI'.
5. SPARE T/CS SUPPLIED WITH I.M. PUMPS WILL BE WIRED BACK TO TERMINAL BOARDS OUTSIDE THE PUMP CELLS.
6. SEE ELECTRICAL HEAT CONTROL DIAGRAM DRAWINGS H-4-3136 THRU H-4-31420.
7. ALL COMPONENT LEAK DETECTORS ARE WIRED BACK TO INDICATORS ON PANEL C1209 WHERE A COMMON ALARM IS DERIVED AND WIRED TO CONTROL ROOM PANEL C134. SEE 500-93 PART 13.
8. FOR SYMBOLS & USAGE, SEE LEGEND SHEETS: H-4-11073, 94, 95, 96, 98 & 99.
9. ALL SODIUM VALVES ARE SUPPLIED BY HEDL. PNEUMATIC OPERATORS ARE SUPPLIED WITH THE VALVE REACH ROOMS WITH LOCAL POSITION INDICATORS. FOR VALVE INSTRUMENTATION SEE THE VALVE INSTRUMENTATION TABLE AND VALVE DETAILS.
10. WHERE DUPLEX T/CS ARE INSTALLED (E.G. TE 42026 & 42027 ON COLD TRAP T-46), THE SPARE T/C EXTENSION WIRES SHALL BE WIRED TO THE TERMINAL BOARD ON THE RESPECTIVE PANEL.
11. MFM MAGNET THERMOCOUPLE SHALL BE WIRED TO LOCAL RACK TERMINAL BOARD.

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ENGINEERING RELEASED BY FCN
REV. 2 DATE 4-2-78
END 2-73

THIS DRAWING IS CONTAINED IN SEC 8:
ALL CHANGES TO THIS DRAWING MUST BE PROCESSED USING THE ADR REVISION PROCESS.

U. S. ATOMIC ENERGY COMMISSION
RICHLAND OPERATIONS OFFICE
Hanford Engineering Development Laboratory
Piping & Instrumentation Diagram
IDS & PRIMARY SODIUM STORAGE
PROCESSING SYSTEM
PART 11 OF 11
H-4-11035 (Sys. 81)