



TYPICAL VENT & DRAIN VALVING FOR SHUTDOWN COOLING PUMPS NO. 11, 12 & 13

- GENERAL NOTES:
- FOR RX VESSEL HYDROTEST HEAT-UP SYSTEM DETAILS, SEE DWG. C-18018-C, SHT. 2.
 - NEW PIPE (NPG) INSTALLED TO FIRST ISOLATION VALVE.
 - ALL TEMPERATURE DEVICES (TE, TI, TS) HAVE THEIR OWN WELL.
 - ISOLATION VALVES 38-01 & 38-02 ARE INTERLOCKED SO ONLY ONE VALVE CAN BE EXERCISED AT A TIME AT REACTOR PRESSURE ABOVE 120 R.S.L.G. BELOW 120 R.S.L.G. BOTH VALVES MAY BE OPEN AT THE SAME TIME.
 - PUMP PERMISSIVE START-SUCTION PRESS. ABOVE 4 PSIG; TEMP. BELOW 350°F; ISOLATION VALVES OPEN.
PUMP TRIP - SUCTION PRESS. BELOW 4 PSIG; TEMP. ABOVE 350°F; ISOLATION VALVES CLOSED.
 - REFERENCE DWG. G.E. CO. DWG. 148 F 715.
 - FOR EQUIP. MARKED NUCX OR RYXX SEE REACTOR SHUTDOWN COOLING SYS. PARTS LIST 194 X 540 (FURNISHED BY G.E. CO.).
 - ALL VENTS (HIGH POINTS IN SYSTEM) & DRAINS (LOW POINTS IN SYSTEM) TO BE ROUTED TO REACTOR BLDG. EQUIP. DRAIN TANK.

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TI APERTURE CARD

NIAGARA MOHAWK	
NIAGARA MOHAWK POWER CORPORATION	
NINE MILE POINT NUCLEAR STATION	
REACTOR SHUTDOWN COOLING P&I DIAGRAM	
15	ADDED VALVES FOR EXCESSIVE LEAKAGE
16	REVISED PER AS-BUILT
4	ADDED ANNUAL NUMBERS
12	REMOVED 1/2" DRAIN PER AS-BUILT. DCR N1155M0521G062
13	ADDED RX HYDRG HEAT-UP SYSTEM PER FINAL AS-BUILT
11	REVISED PER N1155M0521G062