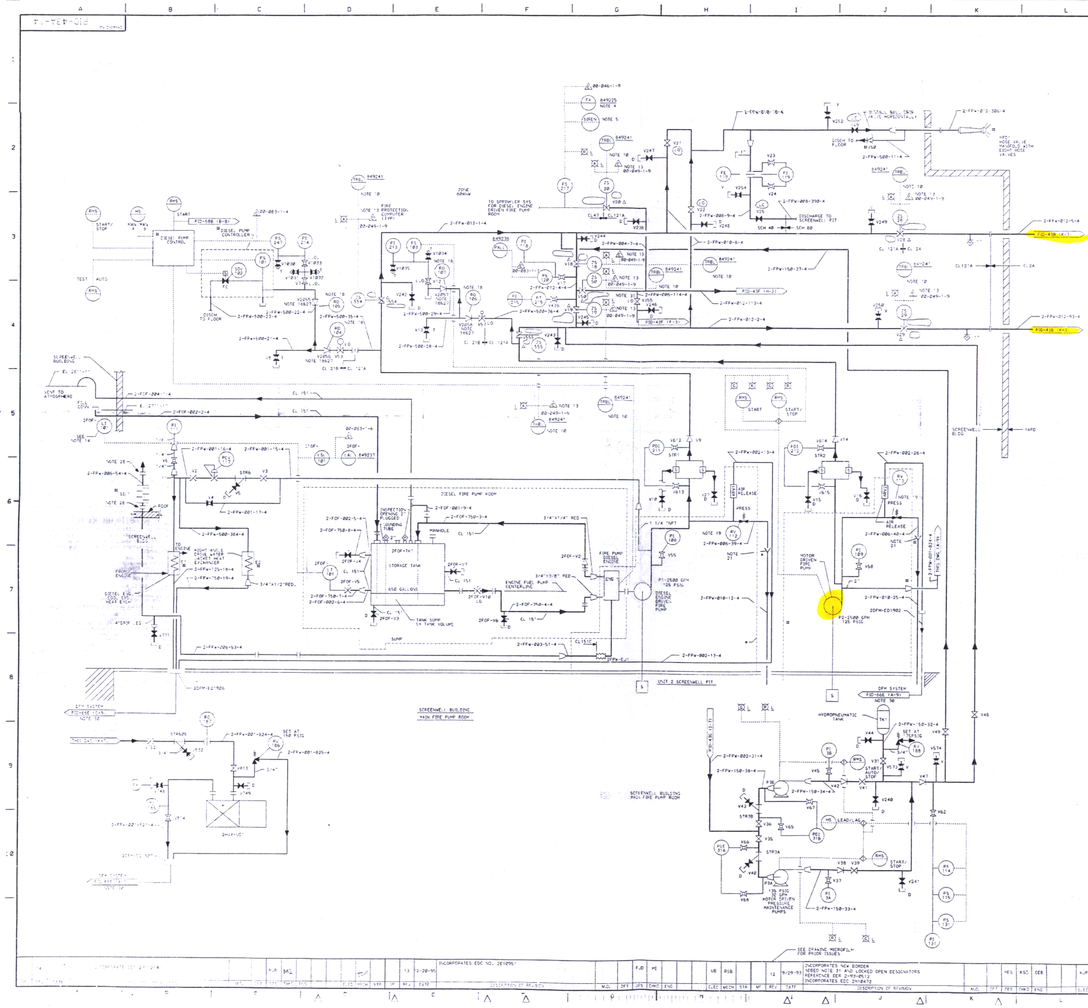
FIRE PROTECTION WATER SYSTEM VALVE TABLE
ENGINE DRIVEN FIRE PUMP #1(E-DG SYSTEM VALVE TABLE GP19)
NOTES:
1. ALL INSTRUMENT & EQUIPMENT NUMBERS TO BE PREFIXED WITH "2FPW-" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN.
2. FACP: MANUFACTURER 2003-FP; PROPRIETARY ELECTRICAL FACILITY SIGNAL.
3. INPUT FROM ANY SINGLE HEAT DETECTOR FROM ASSOCIATED ZONE.
4. COMMON FIRE ALARM/ALERT (1 PER) FOR EACH LOCAL PANEL.
5. COMMON SUPERVISORY (1 PER) FOR EACH LOCAL PANEL.
6. COMMON SUPERVISORY TROUBLE STATUS LIGHT PER EACH LOCAL PANEL.
7. COMMON SUPERVISORY TROUBLE HORN PER EACH LOCAL PANEL.
8. COMMON SUPERVISORY TROUBLE CONTROL INPUT PER EACH PANEL.
9. INPUT FROM ANY SINGLE SMOKE DETECTOR IN ASSOCIATED ZONE.
10. COMMON SUPERVISORY TROUBLE ANNUNCIATOR (1 PER) FOR EACH LOCAL PANEL.
11. COMMON FIRE ALARM STATUS LIGHT FOR EACH LOCAL PANEL.
12. COMPUTER SELECTED ALARM.
13. COMMON FIRE ALARM/ALERT INPUT FOR ALL SUPERVISED "MAIN" VALVES ASSOCIATED WITH THE LOCAL PANEL.
14. LEVEL INDICATOR: MOUNTED ON OUTSIDE WALL, "HEAT FILL" (CYNASTRIC).
15. TYPICAL FOR ALL VALVES AND UNDERWATERS LOCATED IN THE SCREENWELL BUILDING.
16. VALVES MARKED (L-Ops) BE PROVIDED WITH POSITION SWITCHES TO SUPPLY FIRE ROOM.
17. ALL "2FPW" PIPING IS C-152 EXCEPT AS OTHERWISE NOTED.
18. ALL VALVES 2" DIA. OR SMALL AND RO-1ST ARE 0.120" ORIFICED IN VALVES MUST BE INSTALLED TO OPEN AGAINST FLOW.
19. PV-1 2 & PV-113 ARE SET TO MAINTAIN 140 PSIG.
20. LOCAL MANUAL MANUAL PRESSURE AND FLOW CONDITIONS ARE 3/4" DIA. AT 140 PSIG AND 2500 GPM.
21. THIS IS A NYPA OPEN DISCHARGE ZONE.
22. ALL "2FDF-" PIPING IS C-A56 15" EXCEPT AS OTHERWISE NOTED.
24. FOR LOGIC SEE SH-15-1-31.
25. "NOTE PRESSURE SWITCHES" ARE THE PROCESS (S) OF ONLY THOSE PRESSURE SWITCHES THAT ARE LOCATED DOWNSTREAM OF THE FIRE PROTECTION VALVES, I.E., "DRY SIDE" OF SYSTEM.
26. SYMBOL ⊗ DENOTES EQUIPMENTS, INSTRUMENTS AND PIPING SUPPLIED BY DESIGN SPEC MP2-29402.
27. ALL "2FPW-" PIPING IS C-152 EXCEPT AS NOTED.
28. CABINETS ON SCREEN, ENG A-ME-LINE 2mm.
29. ALL PIPING SUPPLIED BY NIAGARA MOHAWK POWER CORP. MATERIAL AS TO PIPE CL TABLE.
30. ALL PIPING SUPPLIED BY NIAGARA MOHAWK POWER CORP. MATERIAL AS TO PIPE CL TABLE.
31. SEE DRAWING M2RDF-1 FOR PYLON ISSUES.
37. BREAK AWAY LOCKS ARE USED ON THESE VALVES AND NOT MAPS CORE LOCKS.
ORIGINAL
NON SAFETY RELATED
QUALITY RELATED
SAF FIGURE 9.5-1a
NINE MILE POINT
NUCLEAR STATION - UNIT 2
SCRIBA, N.Y.
PIPING & INSTRUMENTATION DIAGRAM
FIRE PROTECTION - WATER
FIG-439A-14
TAMERAN

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