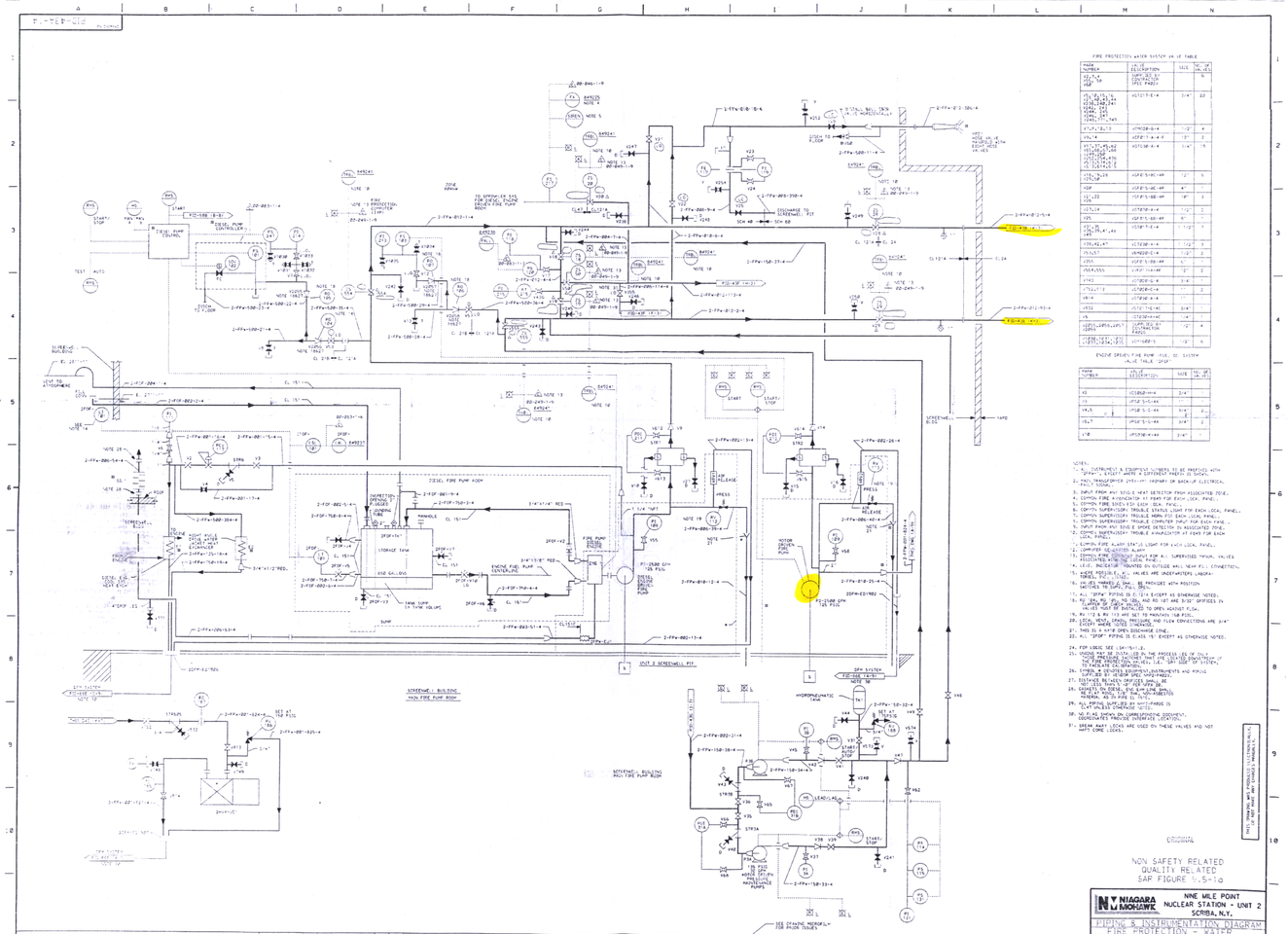
FIRE PROTECTION WATER SYSTEM VALVE TABLE
ENGINE DRIVEN FIRE PUMP (FDP) SYSTEM VALVE TABLE (2FDP
NOTES:
1. ALL INSTRUMENT & EQUIPMENT NUMBERS TO BE PREFIXED WITH "2FPW-" & EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN.
2. FACT TRANSFERRED 2FPW-HV: INDICATE ON BACK-UP ELECTRICAL FAULT SIGNAL.
3. INPUT FROM ANY SINGLE HEAT DETECTOR FROM ASSOCIATED ZONE.
4. COMMON FIRE ANNUNCIATOR IN PLANT FOR EACH LOCAL PANEL.
5. COMMON FIRE ALARM STATUS LIGHT FOR EACH LOCAL PANEL.
6. COMMON SUPERVISORY TROUBLE STATUS LIGHT FOR EACH LOCAL PANEL.
7. COMMON SUPERVISORY TROUBLE HORN PER EACH LOCAL PANEL.
8. COMMON SUPERVISORY TROUBLE CONTACT INPUT FOR EACH PANEL.
9. INPUT FROM ANY SINGLE SMOKE DETECTOR IN ASSOCIATED ZONE.
10. COMMON SUPERVISORY TROUBLE ANNUNCIATOR IN PLANT FOR EACH LOCAL PANEL.
11. COMMON FIRE ALARM STATUS LIGHT FOR EACH LOCAL PANEL.
12. COMMON FIRE ALARM CONTACT INPUT FOR ALL SUPERVISED TAMPER VALVES ASSOCIATED WITH THE LOCAL PANEL.
13. LEVEL INDICATOR MOUNTED ON OUTSIDE WALL, NEAR FILL CONNECTION.
14. SUPERVISED VALVES ARE UNDERWRITERS LABORATORY.
15. VALVES MARKED (L) SHALL BE PROVIDED WITH POSITION SWITCHES TO SUPPLY FULL SIGNAL.
17. ALL "2FPW" PIPING IS C-125 EXCEPT AS OTHERWISE NOTED.
18. RV 2FPW-RV-1A, 1B, 1C, AND RV-1D1 ARE SET AT 125 PSIG.
19. RV 2FPW-RV-1D2 AND RV-1D3 ARE SET AND RV-1D1 ORIFICED IN VALVES MUST BE INSTALLED TO OPEN AGAINST FLOW.
19. RV 1D2 & RV 1D3 ARE SET TO MAINTAIN 140 PSIG.
20. LOCAL MANUAL ORIFICE PRESSURE AND FLOW CONDITIONS ARE 2-1/4" DIA. AT 125 PSIG AND 1000 GPM.
21. THIS IS A NYPA OPEN DISCHARGE ZONE.
22. ALL "2FDP" PIPING IS C-125 IS EXCEPT AS OTHERWISE NOTED.
24. FDP LOGIC SEE 1M-15-1.21.
25. "HIGH PRESSURE SWITCH" THAT THE SENSED PRESSURE IS ON THE PROCESS SIDE OF THE PRESSURE SWITCH, I.E., "DRY SIDE" OF SYSTEM, THE FIRE PROTECTION SYSTEM.
26. SYMBOL ■ DENOTES EQUIPMENT,INSTRUMENTS AND PIPING SUPPLIED BY VENDOR SPEC NMP2-PM022.
27. "HIGH" SETPOINT SHALL BE 1/2 PSIG HIGHER THAN THE "LOW" SETPOINT.
28. CAPACITY ON SERIES, ENG & MAIN LINE SHALL BE 1000 GPM AT 125 PSIG, PER NFPA 20 AND UNDERWRITERS LABORATORY, AS IN NFPA 20, TABLE.
29. ALL PIPING SUPPLIED BY NMP2-PMOOO IS SEISMIC CATEGORY I, QUALITY GROUP D.
30. NO FLAG SYMBOL ON COMPUTERIZED DOCUMENT. COORDINATES PROVIDE INTERFACE LOCATION.
31. BREAK AWAY LOCKS ARE USED ON THESE VALVES AND NOT WAFER CONE LOCKS.
NON SAFETY RELATED
QUALITY RELATED
SAF FIGURE 9.5-1a
NIAGARA MOHAWK POWER CORPORATION
NINE MILE POINT NUCLEAR STATION - UNIT 2
SCRIBA, N.Y.
PIPING & INSTRUMENTATION DIAGRAM
FIRE PROTECTION - WATER
SCALE NONE
DRAWING NO. PID-43A-14
TAMERAN

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