



PIPING & INSTRUMENTATION DIAGRAM
FIRE PROTECTION - WATER

SYMBOL	DESCRIPTION
(P)	PUMP
(T)	TANK
(V)	VALVE
(C)	CONTROL PANEL
(E)	ELECTRICAL SYMBOL
(F)	FLOW INDICATOR
(L)	LEVEL INDICATOR
(S)	STATUS INDICATOR
(D)	DIAGNOSTIC SYMBOL
(M)	MANUAL SYMBOL
(A)	ALARM SYMBOL
(R)	RESET SYMBOL
(I)	INTERLOCK SYMBOL
(O)	OVERLOAD SYMBOL
(U)	UNDERVOLTAGE SYMBOL
(V)	VOLTAGE SYMBOL
(A)	AMPERAGE SYMBOL
(W)	WATTAGE SYMBOL
(H)	HOUR SYMBOL
(M)	MINUTE SYMBOL
(S)	SECOND SYMBOL
(D)	DAY SYMBOL
(M)	MONTH SYMBOL
(Y)	YEAR SYMBOL

- NOTES**
1. ALL PIPING SHALL BE 1/2" NPS SCH 40S.
 2. ALL VALVES SHALL BE 1/2" NPS.
 3. ALL ELECTRICAL SYMBOLS SHALL BE AS SHOWN.
 4. ALL INSTRUMENTS SHALL BE AS SHOWN.
 5. ALL TANKS SHALL BE AS SHOWN.
 6. ALL PUMPS SHALL BE AS SHOWN.
 7. ALL FLOW INDICATORS SHALL BE AS SHOWN.
 8. ALL LEVEL INDICATORS SHALL BE AS SHOWN.
 9. ALL STATUS INDICATORS SHALL BE AS SHOWN.
 10. ALL DIAGNOSTIC SYMBOLS SHALL BE AS SHOWN.
 11. ALL MANUAL SYMBOLS SHALL BE AS SHOWN.
 12. ALL ALARM SYMBOLS SHALL BE AS SHOWN.
 13. ALL RESET SYMBOLS SHALL BE AS SHOWN.
 14. ALL INTERLOCK SYMBOLS SHALL BE AS SHOWN.
 15. ALL OVERLOAD SYMBOLS SHALL BE AS SHOWN.
 16. ALL UNDERVOLTAGE SYMBOLS SHALL BE AS SHOWN.
 17. ALL VOLTAGE SYMBOLS SHALL BE AS SHOWN.
 18. ALL AMPERAGE SYMBOLS SHALL BE AS SHOWN.
 19. ALL WATTAGE SYMBOLS SHALL BE AS SHOWN.
 20. ALL HOUR SYMBOLS SHALL BE AS SHOWN.
 21. ALL MINUTE SYMBOLS SHALL BE AS SHOWN.
 22. ALL SECOND SYMBOLS SHALL BE AS SHOWN.
 23. ALL DAY SYMBOLS SHALL BE AS SHOWN.
 24. ALL MONTH SYMBOLS SHALL BE AS SHOWN.
 25. ALL YEAR SYMBOLS SHALL BE AS SHOWN.

NY NUCLEAR
Nuclear Station - Unit 2
Scriba, N.Y.
PIPING & INSTRUMENTATION DIAGRAM
FIRE PROTECTION - WATER

D-5