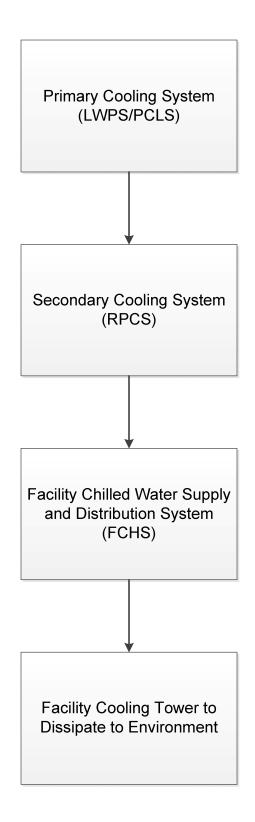
Figure 5a2.1-1 - Cooling Systems Heat Flow Pathway Diagram



Chapter 5 – Coolant Systems

Figure 5a2.2-1 – LWPS Process Flow Diagram

1—LWPS—01A—A—H LUGHT WATER POOL COOLAR POPUP DUGHT WATER POOL COOLAR POPUP DUGHT WATER POOL COOLAR DOOR PILETE 1

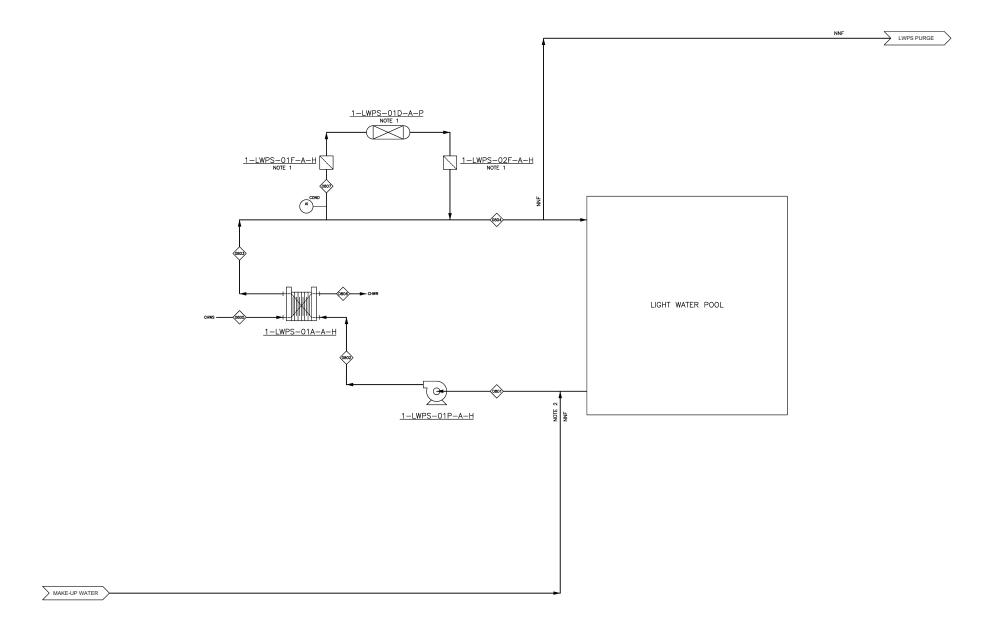
1—LWPS—01D—A—P LUGHT WATER POOL COOLAR DOOR PILETE 1

1—LWPS—01D—A—P LUGHT WATER POOL COOLAR DOOR PILETE 1

NOTES:

- 1. THE COOLING WATER WILL FLOW THROUGH THE FITERS AND DEIONIZER VIA A SLIP STREAM TO REMOVE PARTICULATES AND CATIONS FROM THE COOLING LOOP. A CONDUCTIVITY PROBE WILL INDICATE THE CATION LOANDIN IN THE SYSTEM. A STANDEY DEIONIZER IS INCLUDED. THE FLOW RATE THROUGH THE WATER TREATMENT LOOP IS TBO.
- 2. THE MAKE-UP COOLING WATER LINE IS UTILIZED DURING STATH-UP OPERATIONS TO FILL THE COOLING SYSTEM LOOP. DURING NORMAL OPERATION THIS LINE WILL ONLY BE USED IF MAKE-UP COULING WATER IS REQUIRED. A BACKFLOW PREVENTER IS INCLUDED ON THIS LINE TO PREVENT POSSIBLE CONTAMINATED LIQUID.

DRAWING SCALE



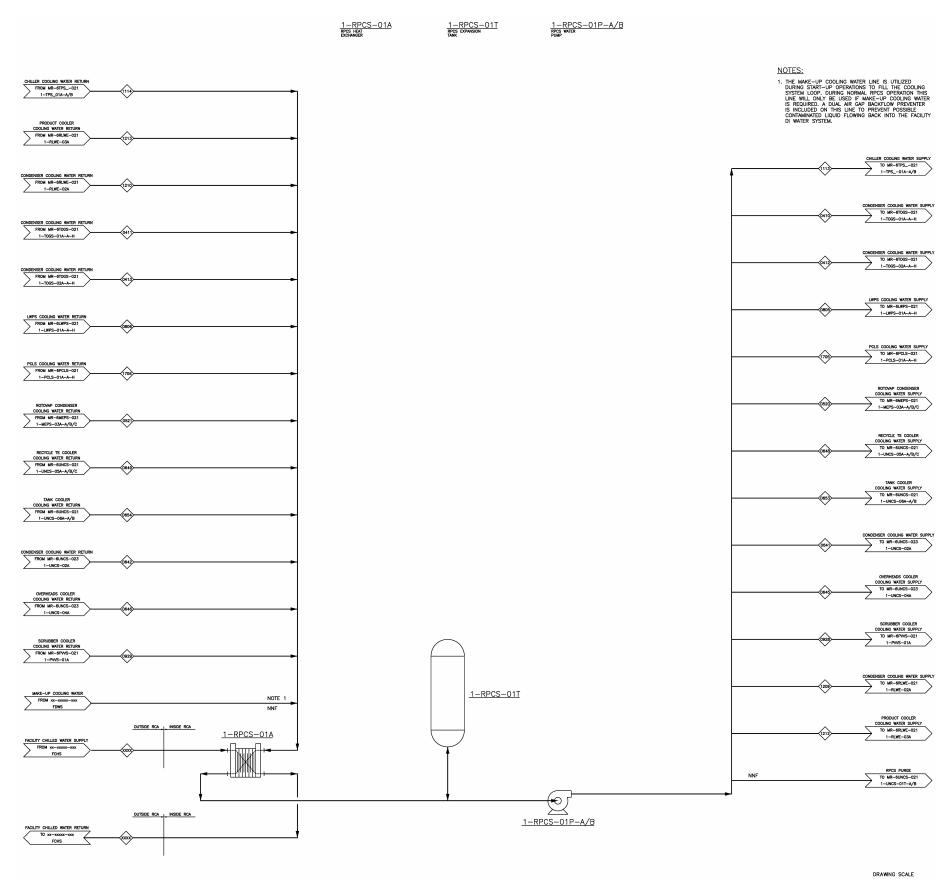
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Figure 5a2.2-2 PCLS Process Flow Diagram

Proprietary Information – Withhold from public disclosure under 10 CFR 2.390(a)(4)

Chapter 5 – Coolant Systems Secondary Cooling System

Figure 5a2.3-1 – RPCS Process Flow Diagram



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Figure 5a2.4-1 – Primary Coolant Cleanup Loop Flow Diagram

