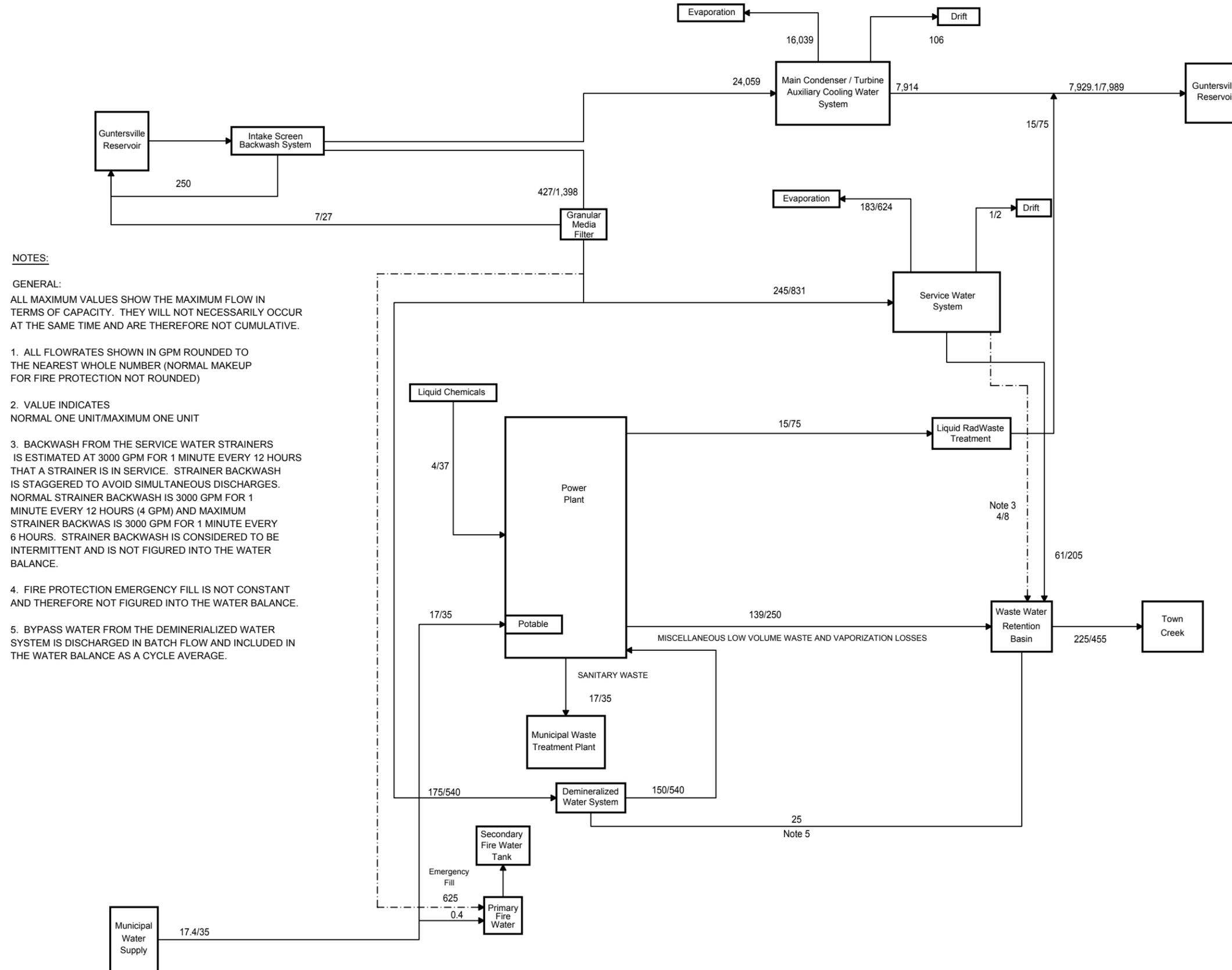


Bellefonte Nuclear Plant, Units 3 & 4
 COL Application
 Part 3, Environmental Report



NOTES:

GENERAL:

ALL MAXIMUM VALUES SHOW THE MAXIMUM FLOW IN TERMS OF CAPACITY. THEY WILL NOT NECESSARILY OCCUR AT THE SAME TIME AND ARE THEREFORE NOT CUMULATIVE.

1. ALL FLOWRATES SHOWN IN GPM ROUNDED TO THE NEAREST WHOLE NUMBER (NORMAL MAKEUP FOR FIRE PROTECTION NOT ROUNDED)
2. VALUE INDICATES NORMAL ONE UNIT/MAXIMUM ONE UNIT
3. BACKWASH FROM THE SERVICE WATER STRAINERS IS ESTIMATED AT 3000 GPM FOR 1 MINUTE EVERY 12 HOURS THAT A STRAINER IS IN SERVICE. STRAINER BACKWASH IS STAGGERED TO AVOID SIMULTANEOUS DISCHARGES. NORMAL STRAINER BACKWASH IS 3000 GPM FOR 1 MINUTE EVERY 12 HOURS (4 GPM) AND MAXIMUM STRAINER BACKWASH IS 3000 GPM FOR 1 MINUTE EVERY 6 HOURS. STRAINER BACKWASH IS CONSIDERED TO BE INTERMITTENT AND IS NOT FIGURED INTO THE WATER BALANCE.
4. FIRE PROTECTION EMERGENCY FILL IS NOT CONSTANT AND THEREFORE NOT FIGURED INTO THE WATER BALANCE.
5. BYPASS WATER FROM THE DEMINERALIZED WATER SYSTEM IS DISCHARGED IN BATCH FLOW AND INCLUDED IN THE WATER BALANCE AS A CYCLE AVERAGE.

FIGURE 3.3-1
 Water Balance Summary