NOTES:
1. VALUES SHOWN AS XXX (XXX) ARE NORMAL (MAXIMUM) FLOW RATES IN GPM. THE FLOW RATE VALUES ARE FOR TWO AP1000 UNITS. FOR A FLOW STREAM SUMMARY AND ADDITIONAL NOTES, REFER TO THE PLANT WATER USE TABLE (TABLE 3.3-1).
2. THE WATER USE FOR THE POWER PLANT INTERNAL PROCESSES IS SHOWN ON FIGURE 3.3-2. SEE CORRESPONDING NODES (A THROUGH F) FOR STREAM INTERFACE POINTS.
3. THE SHORT TERM LIQUID WASTE DISCHARGE FLOW RATE MAY BE HIGHER. REGARDLESS, THE DISCHARGE RATE IS CONTROLLED TO BE COMPATIBLE WITH THE AVAILABLE DILUTION FLOW TO MAINTAIN THE EFFLUENT ACTIVITY LEVEL WITHIN REQUIRED LIMITS.
4. THE PARR RESERVOIR IS LOCATED ON THE BROAD RIVER. WATER IS TRANSFERRED BETWEEN THE MONTICELLO RESERVOIR AND THE PARR RESERVOIR VIA THE FAIRFIELD PUMPED STORAGE FACILITY.
5. ONLY RO/EDI WASTE STREAMS TO THE WASTE WATER SYSTEM ARE SHOWN. INTERNALLY RECYCLED STREAMS ARE NOT DEPICTED.
6. FLOW IS INTERMITTENT OR RECIRCULATED AND THEREFORE CONSIDERED ZERO.
7. FLOW VARIES AS REQUIRED TO ENSURE ADEQUATE DILUTION FOR LIQUID WASTE TO DISCHARGE WHEN BLOWDOWN FLOW IS NOT SUFFICIENT. FLOW RATE OF ALTERNATE DILUTION STREAM WHEN COMBINED WITH OTHER DISCHARGE STREAMS DOES NOT EXCEED MAXIMUM VALUE SHOWN FOR FINAL EFFLUENT DISCHARGE TO PARR RESERVOIR.
8. FLOW PATH PROVIDED FOR UNFILTERED RAW WATER FOR MAKEUP TO SERVICE WATER SYSTEM IS NOT NORMALLY USED.

Figure 3.3-1. Water Use Diagram Summary
Figure 5.2-1.  Diagram of Broad River, Parr Reservoir, and Monticello Reservoir System