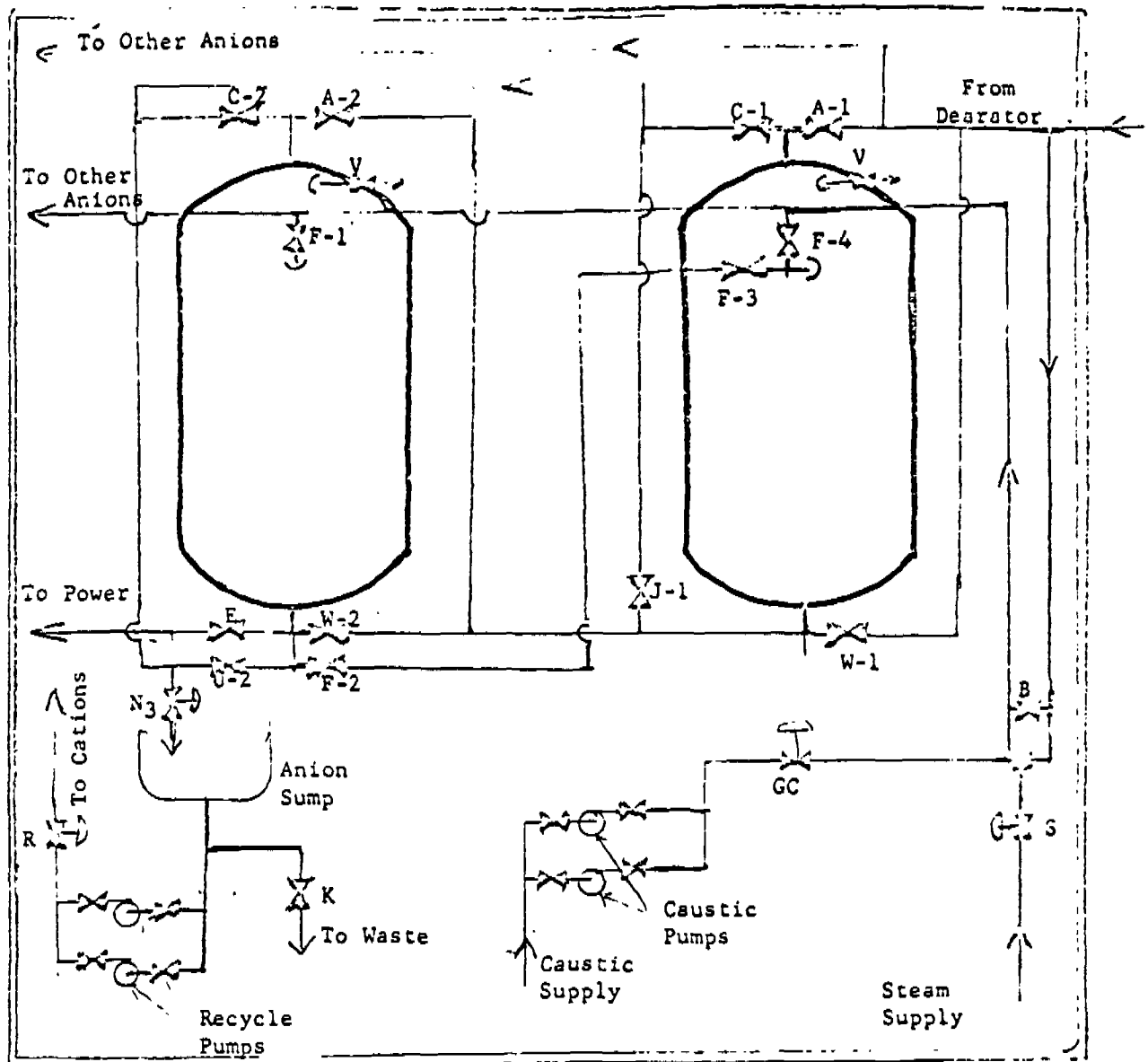


# ANION UNITS



## VALVE IDENTIFICATION

|                |                        |
|----------------|------------------------|
| A              | Service Inlet          |
| B              | Caustic Dilution Water |
| C              | Backwash Outlet        |
| E              | Service Outlet         |
| F              | Caustic Inlet          |
| G <sub>c</sub> | Caustic Supply         |
| J              | Rinse Outlet           |
| K              | Wast Valve             |
| N <sub>3</sub> | Rinse Control          |
| S              | Steam Inlet            |
| V              | Vent Valve             |
| R              | Rinse Recycle          |
| W              | Backwash Inlet         |

## VALVE SEQUENCE

| Steps                   | Valves Open                                                |
|-------------------------|------------------------------------------------------------|
| 1. Secondary Backwash   | W-2, C-2, N <sub>3</sub> , K, A-1                          |
| 2. Primary Backwash     | W-1, C-1, N <sub>3</sub> , K                               |
| 3. Caustic Introduction | S, G <sub>c</sub> , F-1, F-2, F-3, J-1, N <sub>3</sub> , K |
| 4. Displacement         | S, F-1, F-2, F-3, J-1, N <sub>3</sub> , K                  |
| 5. Primary Rinse        | A-1, J-1, N <sub>3</sub> , K                               |
| 6. Primary Recycle      | A-1, J-1, N <sub>3</sub> , R                               |
| 7. Secondary Rinse      | A-1, A-2, J-2, N <sub>3</sub> , K                          |
| 8. Secondary Recycle    | A-1, A-2, J-2, N <sub>3</sub> , R                          |
| 9. Service              | A-1, A-2, E                                                |

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