



- NOTES:
1. FOR NOTES SEE DRAWING M-1072A.
  2. FOR ADDITIONAL INFORMATION INCLUDING PIPING & VALVES SUPPLIED BY THE VENDOR, SEE DRAWINGS M-1119A & M-1119B.
  3. FOR ADDITIONAL INFORMATION INCLUDING PIPING & VALVES SUPPLIED BY THE VENDOR, SEE DRAWINGS M-1119A & M-1119C.
  4. DELETED
  5. VALVE "FAILS CLOSED" ON LOSS OF POWER AND "FAILS OPEN" ON LOSS OF AIR.
  6. THIS SECTION OF PIPING FROM THE CONDENSER SHELL HEAD CONNECTION UP TO AND INCLUDING THE ISOLATION VALVE MAY BE INSTALLED OR NOT INSTALLED IF THE PIPING IS FOUND NOT TO BE INSTALLED THEN THE ISOLATION VALVE MUST BE REMOVED AND REPLACED WITH A THREADED PIPE CAP PER JBD PIPE CLASS. FOR THE N.P.T. CONNECTION ON THE CONDENSER SHELL HEAD AN N.P.T. PIPE PLUG PER JBD PIPE CLASS SHALL BE INSTALLED.

| No. | REVISIONS             | DATE | BY | CHKD | APPR | DATE    |
|-----|-----------------------|------|----|------|------|---------|
| 010 | AS-BUILT PER DRN 8076 |      | WE | N/A  | N/A  | 8-22-02 |
| 009 | AS-BUILT PER DRN 8066 |      | WE | N/A  | N/A  | 7-24-02 |

GRAND GULF NUCLEAR STATION  
 UNIT 1  
 NUCLEAR PLANT ENGINEERING  
**UPDATED FINAL SAFETY ANALYSIS REPORT**  
 FIGURE NUMBER - 09.2-023C  
 P & I DIAGRAM  
 PLANT SERVICE WATER SYSTEM  
 UNIT I

|       |             |      |
|-------|-------------|------|
| SCALE | DRAWING No. | REV. |
| NONE  | M-1072E     | 010  |

COMPONENTS SUBJECT TO AMR  
 NON-SAFETY RELATED SYSTEMS & COMPONENTS AFFECTING SAFETY RELATED SYSTEMS AMM20  
 PLANT SERVICE WATER SYSTEM AMM29

|                      |      |             |    |     |     |     |
|----------------------|------|-------------|----|-----|-----|-----|
| NO                   | DATE | DESCRIPTION | BY | ENG | CHK | APP |
| REVISIONS            |      |             |    |     |     |     |
| <b>LRA-M-1072E</b>   |      |             |    |     |     |     |
| CAD FILE: m1072e.DGN |      |             |    |     |     |     |
| MASTER FILE          |      |             |    |     |     |     |

2004