



- NOTES:**
1. ALL EQUIPMENT NUMBERS ON THIS DRAWING ARE PREFIXED BY (DIP4) UNLESS OTHERWISE NOTED.
 2. ALL VALVE POSITIONS ARE FOR POST LOCA OPERATION.
 3. ALL INSTRUMENT NUMBERS ON THIS DRAWING ARE PREFIXED BY (P4) UNLESS OTHERWISE NOTED.
 4. USE TEST CONNECTIONS FOR DRAINING SYSTEM PRIOR TO INSERVICE INSPECTION OF APPLICABLE BURIED PIPE.
 5. VALVES F68A (M-1061B) AND F68B (M-1061D) SHOULD BE INSTALLED SUCH THAT THE FLOW INDICATOR IS POINTED AWAY FROM THE CONTAINMENT WALL.
 6. PROCESS PIPE AND SLEEVE ARE ONE AND THE SAME WITHIN THE AREA WHERE NOTED. THE DIMENSIONS ARE INDICATED ON DRAWING 9645-C-1004 FOR CONTAINMENT PENETRATIONS.
 7. ALL CARBON STEEL PIPING IN THE STANDBY SERVICE WATER COOLING TOWER BASINS BETWEEN ELEVATION 127' 0" AND ELEVATION 133' 0" (WETTED SURFACES) SHALL BE SAND BLASTED TO SSPC-SP-18 AND SHALL BE COATED WITH TWO (2) COATS OF KOPPERS BITUMATICS 300M OR PORTER TARGET C-200 HANGERS AND SUPPORTS INCLUDING CLAMPS AND WELDED ATTACHMENTS MAY BE COATED AS NECESSARY AND PRACTICAL.
 8. FOR ROOM COOLER DRAINS, REFER TO P & ID M-1106.
 9. DELETED.
 10. PIPING MAY BE USED FOR INSTRUMENT SENSING LINES BELOW THE SSW BASIN COVER SLAB PENETRATIONS.
 11. VERTICAL RISER PIPING IN THE SSW CELLS IS TO BE TAPECOATED FROM THE TOP OF THE FILL SUPPORT BEAM ELEVATION TO 6" BELOW THE TEE CONNECTION WELD TOUCH-UP OF INSTALLED PIPING SYSTEM WELDS, SCRATCHES, ETC. IS REQD. THIS APPLIES TO BASIN "A" ONLY.
 12. ALL PIPING 2" & SMALLER IS CLASSIFIED AS A III-"A" RADIATION LEVEL.
 13. START-UP STRAINERS SHALL BE REPLACED BY RING SPACERS IN ACCORDANCE WITH THE LATEST REVISION OF 9645-95-83, GENERAL NOTE 17 AS REQUIRED.
 14. FE-N001A & B ARE TO HAVE PIPE TAPS RATHER THAN FLANGE TAPS. LOCATION OF TAPS IS ONE PIPE DIA. UPSTREAM AND ONE HALF PIPE DIA. DOWNSTREAM OF THE CENTER OF THE FLANGES.
 15. DELETED.
 16. LUBE OIL VENT & LEVEL INDICATOR LINES MAY BE TAPECOATED (IN ACCORDANCE WITH APPENDIX Y OF M-204.0) OR PAINTED (IN ACCORDANCE WITH M-204.2) FROM THE FAN COVER REDUCERS THROUGH THE FAN STACK PENETRATIONS.
 17. SSW PIPING LOCATED IN CORRIDOR BETWEEN THE DIESEL GENERATOR BLDG & THE AUX. BLDG SHALL BE HEAT TRACED.
 18. VENT VALVE F304 SHOULD BE INSTALLED IN THE SSW BASIN BELOW WATER LEVEL OF 130'-3". BLIND FLANGE ON VENT LINE 2" HCC-74 SHOULD BE INSTALLED ABOVE THE BASIN COVER SLAB.
 19. THE EXTERIOR SURFACE OF THE CARBON STEEL SIPHON PIPING LOCATED WITHIN THE BASINS SHALL COATED. THE COATING SHALL BE AMERCOATE 90 OR MOBILE 78, WITH TWO COATS OF 4-7 MILS DRY FILM THICKNESS EACH. SURFACE PREPARATION SHALL BE IN ACCORDANCE WITH SSPC-SP5 WET METAL BLASTING. AFTER THE COATING HAS CURED, LOW VOLTAGE HOLIDAY TESTING SHALL BE PERFORMED TO CHECK THE COATING FILM CONTINUITY AND ANY DISCONTINUITIES MUST BE REPAIRED.

20. THE EXTERIOR SURFACE OF THE SIPHON PIPING BURIED IN THE YARD SHALL BE COATED AND WRAPPED IN ACCORDANCE WITH SPECIFICATION 9645-M-204.0, REVISION 33.
21. FT WITH A SYMBOL DENOTES SQUARE ROOT SCALE ONLY.
22. VALVES F002A, B TO BE LOCKED IN A POSITION THROTTLED FOR SSW PUMP MINIMUM FLOW. VALVES ARE UNPOWERED; DIVISIONAL SUFFIX IS NOT APPLICABLE.
23. ESF SWITCHGEAR ROOM COOLER REMOVABLE SPOOLS AND NOTED BLIND FLANGE CONNECTIONS ABBREVIATED FOR HYDRO-LASING.
24. INSTALLATION OR REMOVAL OF ANNUBERS (MAXIMUM WEIGHT OF 7-1/4 POUNDS EACH) FOR (DIP4)-FP-N068 B, N069B, N070B, N071B, AND N077B, IS ACCEPTABLE FOR SEISMIC CONSIDERATIONS AND SYSTEM OPERABILITY. IF REMOVED, A CAP SHALL BE INSTALLED, WITHIN ANNUBAR IN THE RETRACTED POSITION, SECURE THE ALL-THREADS TO MAINTAIN ANNUBAR IN RIGID POSITION.
25. ACID SUPPLY PIPING IS PLUGGED AND ABANDONED IN PLACE. CONTROL CIRCUIT TO ACID TRANSFER PUMPS IS DISCONNECTED.
26. CHLORINE SUPPLY PIPING IS PLUGGED AND ABANDONED IN PLACE. BLIND FLANGE MAY BE CLASS JED OR WLD.
27. DELETED.
28. PIPES TERMINATED AT YARD SIDE OF BASIN "A" WALL PENETRATIONS GROUDED CLOSED REF. MCP 93/063.
29. PIPE TERMINATED AT YARD SIDE OF BASIN "B" WALL PENETRATIONS GROUDED CLOSED.
30. FLOW INDICATORS SP41R009A & B ALONG WITH ASSOCIATED INSTRUMENT TUBING AND TUBING SUPPORTS HAVE BEEN TAKEN OUT OF SERVICE AND ARE TO REMAIN IN PLACE PER ER 99/0065-00-01.
31. 6" JBD-163 CAPPED AND ABANDONED IN PLACE.
32. CAPS ARE NOT REQUIRED ON 3/4" HBD-1051 AND MAY OR MAY NOT BE INSTALLED. PIPE MAY BE PLAIN END OR THREADED END.

064	AS-BUILT PER EC'S 26877 AND 27026	WE	N/A	N/A	SP	CW	11-21-11
063	AS-BUILT PER EC 25949	WE	N/A	N/A	SP	CW	11-12-10
GRAND GULF NUCLEAR STATION UNIT 1 NUCLEAR PLANT ENGINEERING UPDATED FINAL SAFETY ANALYSIS REPORT FIGURE NUMBER - 9.2-001 P & I DIAGRAM STANDBY SERVICE WATER SYSTEM UNIT 1							
SCALE:	NONE	DRAWING No.	M-1061A		REV.	064	

COMPONENTS SUBJECT TO AMR

- STANDBY SERVICE WATER SYSTEM AMR12
- NON-SAFETY RELATED SYSTEMS & COMPONENTS AFFECTING SAFETY RELATED SYSTEMS AMR20

NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP
REVISIONS						
LRA-M-1061A						
CAD FILE: m1061a.DGN						
MASTER FILE						