



- NOTES:**
- EXCEPT FOR VALVES, ALL EQUIPMENT NUMBERS ON THIS DRAWING ARE PREFIXED BY NSP52 UNLESS OTHERWISE NOTED. VALVE NUMBERS IN THE WATER TREATMENT, WASTE, AND CONTROL BUILDINGS ARE PREFIXED BY NSP52 UNLESS OTHERWISE NOTED. ALL OTHER VALVES ARE PREFIXED BY NIP52 UNLESS OTHERWISE NOTED.
 - ALL INSTRUMENT NUMBERS ON THIS DRAWING ARE PREFIXED BY SP52 UNLESS OTHERWISE NOTED.
 - ALL HOSE CONNECTIONS AND ASSOCIATED ISOLATION VALVES SHALL BE 1" UNLESS OTHERWISE NOTED.
 - UNLESS OTHERWISE NOTED, PIPING SERVICE NUMBERS FOR HOSE CONNECTIONS ARE AS FOLLOWS:
 TURBINE BUILDING J80-29
 WASTE BUILDING J80-24
 CONTROL BUILDING J80-36
 AUXILIARY BUILDING J80-48
 CONTAINMENT J80-31
 DRYWELL J80-12
 CIRCULAR PUMP HSE. J80-59
 WTR. TREATMENT BLDG. J80-38
 DIESEL GENERATOR BLDG. J80-46
 - THIS PAID IS NOT "0" LISTED. "0" IDENTIFICATION IS FOR MINOR AREAS ONLY AS SHOWN.
 - WHERE NOTED, PROCESS PIPE AND SLEEVE ARE THE SAME WITHIN THE AREA MARKED. THE DIMENSIONS ARE INDICATED ON DWG. 9645-C-1054 FOR DRYWELL AND DWG. 9645-C-1004 FOR CONTAINMENT PENETRATIONS.
 - FOR RELATIVELY LONG RUNS OF FIELD ROUTED PIPE (OVER 20 FEET), FIELD TO INSTALL ONE SHUT-OFF VALVE AT EACH BRANCH OFF HEADER AND ONE SHUT-OFF VALVE AT THE EQUIPMENT, INCLUDING HOSE STATIONS.
 - TEMPORARY AIR SUPPLY, AIR SUPPLY AND ACCESSORIES, INCLUDING ABSOLUTE AIR FILTER, TO BE SUPPLIED BY MP&L.
 - ALL PLUG VALVE STEMS TO HAVE SQUARE OR HEX TOP IN LIEU OF HANDLE OR HANDWHEEL DUE TO CLOSE CLEARANCES OF VALVE INSTALLATION.
 - ALL PIPING 2" & SMALLER IS CLASSIFIED AS III - "A" RADIATION LEVEL.
 - INSTALL 12" UPSTREAM OF REDUCER.
 - DELETED
 - DELETED
 - OIL DEMISTER TO BE PURCHASED IN ACCORDANCE WITH THE MECHANICAL BOM, BILL OF MATERIALS, 9645-M-0054, REV.12, OR LATER REVISION.
 - DELETED

NO.	REVISIONS	DATE	REV.	BY	CHK.	APP.	DATE	
032	AS-BUILT PER EC 7716		WE	N/A	N/A	SIP	MM	9-16-08
031	AS-BUILT PER DRN 7625		SIP	N/A	N/A	JMH	JRB	5-31-01
030	AS-BUILT PER DRN 7176		WE	N/A	N/A	N/A	SIP	9-28-00

GRAND GULF NUCLEAR STATION
 UNIT 1
 NUCLEAR PLANT ENGINEERING
UPDATED FINAL SAFETY ANALYSIS REPORT
 FIGURE NUMBER - 9.3-003 SH. 1 of 3
 P & I DIAGRAM
 SERVICE AIR SYSTEM
 UNIT 1

MPL No. IP52 1015M
 SCALE: NONE
 DRAWING No. M-1068A
 REV. 032
 DFN: m1068a.dgn

COMPONENTS SUBJECT TO AMR
 NON-SAFETY RELATED SYSTEMS & COMPONENTS AFFECTING SAFETY RELATED SYSTEMS AMM20
 COMPRESSED AIR SYSTEMS AMM27

NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP.
REVISIONS						
LRM-1068A						
CAD FILE: m1068a.dgn						
MASTER FILE:						