



- NOTES:
- ALL EQUIPMENT NUMBERS ON THIS DRAWING ARE PREFIXED BY NIP60 UNLESS OTHERWISE NOTED.
 - ALL INSTRUMENT NUMBERS ON THIS DRAWING ARE PREFIXED BY IP60 UNLESS OTHERWISE NOTED.
 - THIS P & ID IS NOT "O" LISTED. "O" IDENTIFICATION IS FOR MINOR AREAS ONLY, AS SHOWN.
 - DELETED.
 - VALVE F023 SHALL BE LOCKED IN AN INTERMEDIATE POSITION, TO ESTABLISH THE DESIRED SYSTEM FLOW. THIS POSITION WILL BE SELECTED DURING PRE-OPERATIONAL TESTING USING THE FLOW OF 5000 GPM ± 100 GPM.
 - ALL PIPING 2" AND SMALLER IS CLASSIFIED AS III "B" RADIATION LEVEL.
 - PROCESS PIPE AND SLEEVE ARE ONE AND THE SAME WITHIN THE AREA WHERE NOTED. THE OPERATIONS ARE INDICATED ON DRAWING 9645-C-1004 FOR CONTAINMENT PENETRATIONS.
 - VALVE F033 SHALL BE LOCKED IN AN INTERMEDIATE POSITION TO ESTABLISH P60 SYSTEM FLOW AT 1200 GPM (±100 GPM) FOR SINGLE P11 SYSTEM PUMP OPERATION OR 2300 GPM (±200 GPM) WHEN USING TWO P11 SYSTEM PUMPS IN PARALLEL. VALVE F033 SHOULD BE POSITIONED AFTER THE POSITION OF VALVE F023 HAS BEEN ESTABLISHED.
 - IF EXPERIENCE SHOWS THAT PIPE WEAR FROM THE HYDROLASING PROCESS IS SIGNIFICANT, PIPE WALL THICKNESS SHALL BE MEASURED BEFORE AND AFTER ANY HYDROLASING PROCEDURE.
MINIMUM WALL SHALL BE AS FOLLOWS:
-23" FOR 10"-HBD-1166
-24B" FOR 12"-HBD-166

NO.	REVISIONS	DATE	BY	CHK	APP
015	AS-BUILT PER DRN 7267		WE	N/A	N/A
014	AS-BUILT PER SWD ADDED UFSAR FIGURE NO.		WE	N/A	N/A
013	AS-BUILT PER DRN 6186		PH	N/A	N/A
012	AS-BUILT PER DCP 89/0072				
011	AS-BUILT PER DCP 83/0027, SWD REMOVED STARTUP SCOPING BOUNDARIES.		SP	TRG	JBB

GRAND GULF NUCLEAR STATION
UNIT 1
NUCLEAR PLANT ENGINEERING
UPDATED FINAL SAFETY ANALYSIS REPORT
FIGURE NUMBER - 09.3-023
P & I DIAGRAM
SUPPRESSION POOL CLEANUP SYSTEM-UNIT 1

SCALE:	DRAWING No.:	REV.:
NONE	M-1099	015

- COMPONENTS SUBJECT TO AMR
- RESIDUAL HEAT REMOVAL SYSTEM AMM6
 - CONTAINMENT PENETRATIONS AMM07
 - NON-SAFETY RELATED SYSTEMS & COMPONENTS AFFECTING SAFETY RELATED SYSTEMS AMM20

NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP
REVISIONS						
LRM-1099						
DGN FILE: m1099.dgn						
MASTER FILE:						

D059