



- NOTES:
1. FOR GENERAL NOTES SEE DRAWING M-1069A.
 2. THIS P & ID IS NOT "Q" LISTED. "Q" IDENTIFICATION IS FOR MINOR AREAS, ONLY AS SHOWN.
 3. HEAT TRACING IS CLASSIFIED AS NON-Q.
 4. REFERENCE DWG 9645-J354.0-NIP33P001-1-1 FOR CALIBRATION GAS LINE INSTALLATION.
 5. THIS SECTION OF PIPE IS SIZED TO HOLD 1.5CC OF FLUID. THIS VOLUME SHOULD BE MAINTAINED FOR THE DILUTION TANK VOLUME OF 1500CC.
 6. ALL AIR OPERATED SOLENOIDS ARE LOCATED IN PANEL P009.
 7. THIS CONNECTION ALLOWS FOR A LOCAL CROSS CONNECTION TO THE CONTAINMENT COOLING WATER SYSTEM UPON FAILURE OF THE DEMINERALIZED WATER SYSTEM.
 8. VALVE F064 IS NORMALLY CLOSED. IT WILL BE OPEN ONLY TO VENT H₂ CALIBRATING GAS.
 9. HEAT TRACING SHOWN ON THE DRYWELL ATMOS. LINE IS DE-ENERGIZED AND ABANDONED IN PLACE.

- COMPONENTS SUBJECT TO AMR
- CONTAINMENT PENETRATIONS AMM07
 - SUPPRESSION POOL MAKEUP SYSTEM AMM11
 - NON-SAFETY RELATED SYSTEMS & COMPONENTS AFFECTING SAFETY RELATED SYSTEMS AMM20

NO. 016		AS BUILT PER DWN 7289		WC	N/A	N/A	N/A	11/13/00
NO. 015		AS BUILT PER ER 96/0802		LOW	N/A	N/A	N/A	9/7/00
NO. 014		AS-BUILT PER MCP 94/1023		CHP	SIP	N/A	N/A	11/13/00
NO. 013		REVISED		CHP	REV	10/26/00	CHD	APPR

GRAND GULF NUCLEAR STATION
UNIT 1
NUCLEAR PLANT ENGINEERING
UPDATED FINAL SAFETY ANALYSIS REPORT
FIGURE NUMBER - 9.3-007A
P & I DIAGRAM
PROCESS SAMPLING SYSTEM
UNIT 1

MPL No. IP33 1015M SCALE: NONE DRAWING No. M-1069D REV: 016
LDC 97-045 DFN: m1069d.dgn

0	10-10-2011								
NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP			
REVISIONS									
LRA-M-1069D									
CAO FILE m1069d.dgn									
RASTER FILE									

D191