



- NOTES:
1. ALL EQUIPMENT NUMBERS ON THIS DRAWING ARE PREFIXED BY IN-046 UNLESS OTHERWISE INDICATED.
 2. ALL INSTRUMENT NUMBERS ON THIS DRAWING ARE PREFIXED BY 1046 UNLESS OTHERWISE INDICATED.
 3. THIS P&ID REDRAWN FROM G.E. P&ID NO. 10505984 SHEETS 1 & 2. FILTER/DEMINERALIZER SYSTEM (FUEL POOL COOLING & CLEANUP).
 4. THIS P&ID IS NOT "0" LISTED. "0" IDENTIFICATION IS FOR MINOR AREAS ONLY, AS SHOWN.
 5. RESIN AND PRECOAT TANKS ARE FILLED MANUALLY. SHIPPING CONTAINERS ARE EXPECTED TO INCLUDE 50 PERCENT WATER FOR RESIN AND 6 PERCENT WATER FOR SOLKA-FLOC.
 6. ALL PIPING 2" & SMALLER IS CLASSIFIED AS 1" E, 1" C, 1" B, 1" A OR 1" B RADIATION LEVEL.
 7. ALL ASME SECTION I CLASS 3 PIPING CLASSIFIED AS NON "0" (NON-SEISMIC CATEGORY 1HB2) WILL NOT REQUIRE AN "N" STAMP.
 8. FOLLOWING STARTUP AND REMOVAL OF STRAINER SS-D003, INSERT SPOOL PIECE CONTAINING DRESSER COUPLING.
 9. ALL STARTUP STRAINERS SHALL BE REPLACED BY 9645 SPACERS IN ACCORDANCE WITH THE LATEST REVISION OF 9645-M-03, GENERAL NOTE 17.
 10. FLEXIBLE CONNECTION IS INSTALLED TO PROVIDE A METHOD FOR REMOVAL OF THE MILLIPORE FILTER. FLEXIBLE CONNECTION IS TO BE FIELD PURCHASED AND INSTALLED. MATERIAL IS TO BE TYGON TUBING OR APPROVED EQUIVALENT. FLEXIBLE CONNECTION IS TO MEET THE OPERATING CONDITIONS OF THE SYSTEM.

COMPONENTS SUBJECT TO AMR

- CONTAINMENT PENETRATIONS AMM07
- NON-SAFETY RELATED SYSTEMS & COMPONENTS AFFECTING SAFETY RELATED SYSTEMS AMM20

026 AS-BUILT PER DRN #1444		SIGN-OFF ON RECORD	
REV	DATE	BY	CHK
GRAND GULF NUCLEAR STATION UNIT 1 NUCLEAR PLANT ENGINEERING P & I DIAGRAM FUEL POOL COOLING & CLEANUP-UNIT 1			
SCALE:	NONE	DRAWING No.:	M-1089
REV:	026	DFN:	m1089.dgn

NO.	DATE	DESCRIPTION	BY	ENGR	CHK	APP
REVISIONS						
LRA-M-1089						
CAD FILE: m1089.DGN						
PLOTTER FILE:						

D035