



- NOTES:
1. ALL EQUIPMENT NUMBERS ON THIS DRAWING ARE PREFIXED BY IN-46 UNLESS OTHERWISE INDICATED.
 2. ALL INSTRUMENT NUMBERS ON THIS DRAWING ARE PREFIXED BY IN-46 UNLESS OTHERWISE INDICATED.
 3. THIS P&ID REDRAWN FROM G.E. P&ID NO. 10505984 SHEETS 1 & 2. FILTER/DENMINERALIZER SYSTEM (FUEL POOL COOLING & CLEANUP).
 4. THIS P&ID IS NOT "O" LISTED. "O" 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 III, CLASS 3 PIPING CLASSIFIED AS NON "O" NON-SEISMIC CATEGORY (H&B2) WILL NOT REQUIRE AN "N" STAMP.
 8. FOLLOWING STARTUP AND REMOVAL OF STRAINER SS-D203, INSERT SPOOL PIECE CONTAINING DRESSER COUPLING.
 9. ALL STARTUP STRAINERS SHALL BE REPLACED BY RING SPACERS IN ACCORDANCE WITH THE LATEST REVISION OF 9645-M5-03, 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 TYCON 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					
No.	REVISIONS				DN	REV	DES CHK	CHD	APP	DATE
GRAND GULF NUCLEAR STATION UNIT 1 NUCLEAR PLANT ENGINEERING										
P & I DIAGRAM FILTER/DEMINERALIZER SYSTEM FUEL POOL COOLING & CLEANUP-UNIT 1										
SCALE:		DRAWING No.				M. 1089		REV.		06
NONE										

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

0 10-13-2011			
NO.		DATE	
DESCRIPTION		BY	
ENG		CHK	
APP		DATE	