



- NOTES:**
1. ALL EQUIPMENT NUMBERS ON THIS DRAWING ARE PREFIXED BY NIM4 UNLESS OTHERWISE NOTED.
 2. ALL INSTRUMENT NUMBERS ON THIS DRAWING ARE PREFIXED BY IM42 UNLESS OTHERWISE NOTED.
 3. ALL PIPING 2" & SMALLER IS CLASSIFIED AS III-A RADIATION LEVEL.
 4. SEE DRAWING M-1121A & B FOR SEAL OIL COOLER VENT AND DRAIN CONNECTIONS M1 AND N1.
 5. THE DESIGN OF THE SEAL OIL SYSTEM WAS ORIGINATED BY UTILITY POWER CORPORATION. THIS DRAWING WAS PREPARED FROM UPC DRAWING 24-2603-55142 - DIAGRAM OF SEAL OIL SUPPLY (MPL NO. 9645-N-003.0-NIM420001-N-1.5-1) AND THE UPC GENERATOR INSTRUCTION MANUAL (MPL NO. 9645-N003.0-NIM420001-N-4.2-1).
 6. UPC INSTRUMENT NUMBERS ARE SHOWN IN THE INSTRUMENT INDEX.
 7. DELETED.
 8. FOR IH22-P17/P172 INFO SEE DWG J-905B SERIES.
 9. SEE DRAWINGS M-97/0870-1M420005-11-001 AND M-97/0870-1M420006-11-001 FOR SEAL OIL PUMP SKID BY IMOL.
 10. EXISTING SUCTION PIPING HEADER FOR COBIA, COBIB AND COB2 SEAL OIL PUMPS HAS BEEN MODIFIED TO INSTALL BLIND FLANGES. EXISTING SUCTION PIPING FOR THESE PUMPS WILL REMAIN IN PLACE TO PRESERVE THE PUMP INTEGRITY AND WILL NOT BE SHOWN ON P&ID. PLANT STAFF MAY INSTALL BLIND FLANGE OR WELD CAP ON THIS "HBD" PIPING.
 11. ORIFICE FLANGE WITH TWO(2) 1/2" NPT TAPS (ONE PLUGGED).
 12. ORIFICE FLANGE WITH TWO(2) 1/4" NPT TAPS (BOTH PLUGGED).
 13. SIEMENS SUPPLIED PIPING LINES SIZES WITH NO LINE CLASS SHOWN. SIZES MUST BE CONFIRMED WITH DESIGN ENGINEERING PRIOR TO WORK BEING PERFORMED ON THEM.

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

Ø18	AS-BUILT PER ER 2000/0183-00-00	WE	N/A	N/A	B	H	HOB	4-10-02
Ø17	AS-BUILT PER DRN 733B	WE	N/A	N/A	B	H	SP	1-11-01
REV	DESCRIPTION	DATE	BY	CHK	APP	DATE		

GRAND GULF NUCLEAR STATION
 UNIT 1
 NUCLEAR PLANT ENGINEERING

**P & I DIAGRAM
 SEAL OIL SUPPLY
 SYSTEM**

SCALE: NONE
 DRAWING NO. M-1121
 REV. 018
 HYBRID DFN: m1121.dgn

Ø	10-13-2011							
NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP		
REVISIONS								
LRA-M-1121								
FILE	m1121.DGN							
MASTER FILE								

7009