



- NOTES:
1. ALL EQUIPMENT NUMBERS ON THIS DRAWING ARE PREFIXED BY NIN23 UNLESS OTHERWISE NOTED.
 2. ALL INSTRUMENT NUMBERS ON THIS DRAWING ARE PREFIXED BY IN23 UNLESS OTHERWISE NOTED.
 3. † DENOTES ANGLE INSERT VALVE
 4. THE FOLLOWING VALVES ARE MOUNTED DIRECTLY ON THE CONDENSER NOZZLE AND DOWN STREAM PIPING: F502A, F502B, F502C, F505A, F505B, F505C, F508A, F508B, F508C, F509A, F509B, F509C, F515A, F515B, F518A, F518B, F518C, F518D AND F518E.
 5. ALL FEEDWATER HEATER OPERATING VENTS ARE INTERNALLY DRIFTED IN THE HEATER EXCEPT HEATERS NIN21B005A AND NIN21B005B.
 6. ALL PIPING 2" AND SMALLER ON M-1055A IS CLASSIFIED AS II-"D" OR III-"B" RADIATION LEVEL. ON M-1055B IS CLASSIFIED AS I-"E" RADIATION LEVEL AND ON M-1055C IS CLASSIFIED AS I-"E" OR III-"B" RADIATION LEVEL.
 7. ALL STARTUP STRAINERS SHALL BE REPLACED BY RING SPACERS IN ACCORDANCE WITH THE LATEST REVISION OF 9645-MS-03, GENERAL NOTE 17.
 8. SIGHT FLOW GAGE TO BE LOCATED IN ACCESSIBLE AREA FOR READINGS DURING PLANT OPERATION.
 9. Q DENOTES TILTING DISC CHECK VALVE.
 10. FOR IH22-P171/P172 INFO SEE DWG J-909.0 SERIES.

COMPONENTS SUBJECT TO AMR
 NON-SAFETY RELATED SYSTEMS & COMPONENTS AFFECTING SAFETY RELATED SYSTEMS AMR20

018	AS-BUILT PER EC 5593	WE	N/A	N/A	SP	MM	3-13-80
017	AS-BUILT PER DRN 07-157	SP	N/A	N/A	WE	MM	5-1-2007
016	AS-BUILT PER DRN 06-749	WE	SIGN-OFF	ON RECORD			
REV		DATE	BY	CHK	APP	DATE	

GRAND GULF NUCLEAR STATION
 UNIT 1
 NUCLEAR PLANT ENGINEERING
 UPDATED FINAL SAFETY ANALYSIS REPORT
 FIGURE NUMBER -10.3-005-1

P & I DIAGRAM
 HEATER VENTS & DRAINS SYSTEMS
 UNIT 1

SCALE: NONE DRAWING No. M-1055A REV. 018
 DFN: m1055a.dgn

NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP
REVISIONS						
LRA-M-1055A						
CAD FILE: m1055a.dgn						
PLOT FILE: m1055a.dgn						

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