



- NOTES:**
1. ALL EQUIPMENT NUMBERS ON THIS DRAWING ARE PREFIXED BY 0B21 UNLESS OTHERWISE NOTED.
  2. ALL INSTRUMENT NUMBERS ON THIS DRAWING ARE PREFIXED BY 1B21 UNLESS OTHERWISE NOTED.
  3. THIS P&ID IS REDRAWN FROM C.E. PAID NO. 752432 REV. 2-NUCLEAR BOILER SYSTEM.
  4. THE QUALITY GROUP "B" AND "D" CLASSIFICATION OF THE MAIN STEAM PIPING SHALL BE CONTINUED DOWNSTREAM OF THE MAIN STEAM SHUT-OFF VALVE F808 UP TO AND INCLUDING THE FIRST PIPE RESTRAINT.
  5. THE VALUE SHOWN IN DEGREES IS THE RELATIVE ORIENTATION OF THE NOZZLE LOCATION WITH RESPECT TO THE REACTOR VESSEL CENTERLINE.
  6. THIS SYMBOL APPLIES TO DETAIL "C" ON Dwg. M-1077E (D-21) TO SHOW STRAINER DRAIN PIPING.
  7. THE QUALITY GROUP "B" AND "D" CLASSIFICATION OF THE FEEDWATER PIPING SHALL BE CONTINUED UPSTREAM OF THE FEEDWATER SHUT-OFF VALVE F805 UP TO AND INCLUDING THE FIRST PIPE RESTRAINT.
  8. DELETED
  9. ALL PIPING 2" & SMALLER IS CLASSIFIED AS 1" E" OR 1" C" RADIATION LEVEL, EXCEPT FOR INST. AIR LINES, WHICH ARE 1" H".
  10. DELETED
  11. DELETED
  12. VALVE F827 SHOULD BE LOCATED IN AN AREA SERVICED BY THE STANDBY GAS TREATMENT SYSTEM AND SHOULD BE ACCESSIBLE DURING NORMAL PLANT OPERATION.
  13. FIELD TO PROVIDE ASME SAWS, GRADE C, SCHEDULE 80, PIPE WITH WELD BUILT ON ONE END FOR SCHEDULE 100 WELD PREP, PER 9645-MS-07 & MS-28.
  14. PP-N403A, B, C & D ABANDONED IN PLACE ALONG WITH ASSOCIATED TUBING RUNS, ABANDONED TUBING RUN IN THE STEAM TUNNEL TO BE OPEN ENDED.

- COMPONENTS SUBJECT TO AMR**
- REACTOR VESSEL AMM01
  - REACTOR COOLANT SYSTEM PRESSURE BOUNDARY AMM03
  - RESIDUAL HEAT REMOVAL SYSTEM AMM06
  - LEAK DETECTION AND CONTROL SYSTEM AMM19
  - NON-SAFETY RELATED SYSTEMS & COMPONENTS AFFECTING SAFETY RELATED SYSTEMS AMM20
  - COMPRESSED AIR SYSTEMS AMM27

NO.	REVISIONS	DATE	BY	CHK	APP	DATE	
034	AS-BUILT PER EC 20246	WE	N/A	N/A	SP	bh	3-1-10
033	AS-BUILT PER DRN 8576	WE	N/A	N/A	bh	7/17	6-17-04
032	AS-BUILT PER ER-GG-2000-0083-000-2	WE	N/A	N/A	bh	HDB	11-5-02
031	AS-BUILT PER ER 2000/0062-02	WE	N/A	N/A	SP	SP	5/11/01

GRAND GULF NUCLEAR STATION  
 UNIT 1  
 NUCLEAR PLANT ENGINEERING  
**UPDATED FINAL SAFETY ANALYSIS REPORT**  
 FIGURE NUMBER - 5.2-006 SH.1 of 2  
 P & I DIAGRAM  
 NUCLEAR BOILER SYSTEM

SCALE: NONE DRAWING No. M-1077A REV. 034  
 MPL No. 1B211015M DFN: m1077a.dgn

NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP
REVISIONS						
<b>LRA-M-1077A</b>						
001	10-11-2011					

0009