



THE XC MECHANICAL COMPONENTS SHOWN ON THIS DRAWING HAVE BEEN ASSIGNED TO LRID 1A.

THE PNEUMATIC MODULE CONTAINS SS TUBING.

- REFERENCES:**
- (1) PD # 0011  
VENDOR: PITTSBURGH-DES MOINES STEEL CO.
  - (2) 14926-0011(2)-00076-EPD
- NOTES:**
1. DIAGRAM IN VENDOR SCOPE TAKEN FROM W.J. WOOLLEY AIR SCHEMATIC DRAWING, CONTAINMENT AIRLOCK. (REFERENCE 2), EXCEPTAS NOTED.
  2. DELETED.
  3. DELETED.
  4. EQUALIZING VALVES AND 3-WAY SEAL VALVES ARE AUTOMATICALLY ACTUATED OPEN/CLOSED IN DOOR OPENING/CLOSING SEQUENCE.
  5. DELETED.
  6. TEST CONNECTION BETWEEN INFLATABLE SEAL SEATING SURFACES.
  7. UNLESS OTHERWISE NOTED, UNIT 1 IS SHOWN IN THIS DIAGRAM. FOR APPLICATION OF THIS DIAGRAM TO UNIT 2, USE UNIT 2 IDENTIFICATION NUMBERS FOR PIPING, VALVES, INSTRUMENTS, EQUIPMENT, ETC. REFER TO DWGS 94310F00001 AND 94310F00002 FOR IDENTIFICATION NUMBER DETAILS.
  8. TEMPORARY BLIND FLANGE EQUIPPED WITH TEST CONNECTION FOR VALVE LEAKAGE TESTS.
  9. AIR SAFETY VALVES TO BE DESIGNED SUCH THAT PRESSURE IN AIR LOCK WILL NOT EXCEED BY 3.5 PSI THE PRESSURE IN THE RCB.
  10. ALL INSTRUMENTS ON THIS P & ID HAVE SYSTEM DESIGNATOR "XC" UNLESS OTHERWISE NOTED.
  11. ALL INTERLOCKING WIRING AND CONDUIT IS PROVIDED AND INSTALLED BY VENDOR.
  12. ALL INSTRUMENTS ON THIS P&ID HAVE SEPARATION GROUP N, UNLESS OTHERWISE NOTED.
  13. INSTRUMENT AIR ISOLATION SOLENOID VALVES ARE POWERED BY CLASS 1E SOURCE.
  14. COMPONENTS ARE MOUNTED ON DOOR.
  15. GLOBE VALVE XXC0012 IS AN ISOLATION VALVE FOR SYSTEM SURVEILLANCE TESTS AND MAINTENANCE. THE ORIENTATION OF THE GLOBE VALVE WILL NOT AFFECT THE OPERATION OF THE VALVE OR THE AIR LOCK.

2188

LR BOUNDARY DRAWING NO.	REV.
LR-STP-1A-5C269F05060#2	0

**SOUTH TEXAS PROJECT**  
**NUCLEAR OPERATING COMPANY**

PIPING DIAGRAM  
PERSONNEL AIR LOCK  
SEALING AIR SYSTEM

NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE	NO.	ISSUE DATE	REVISION	ORIG	CKR	RE	DV	SE
10	2-6-86	REVISED PER CR 00-852-3. ISSUED FOR CONSTRUCTION.													

PRIORITY	CADD FILE NO.	FSUG. NO.	ST1. NO.	SCALE	DWG. NO.	SHT.	REV.
1	FJA569.101	D070928		NONE	5C269F05060#2		10