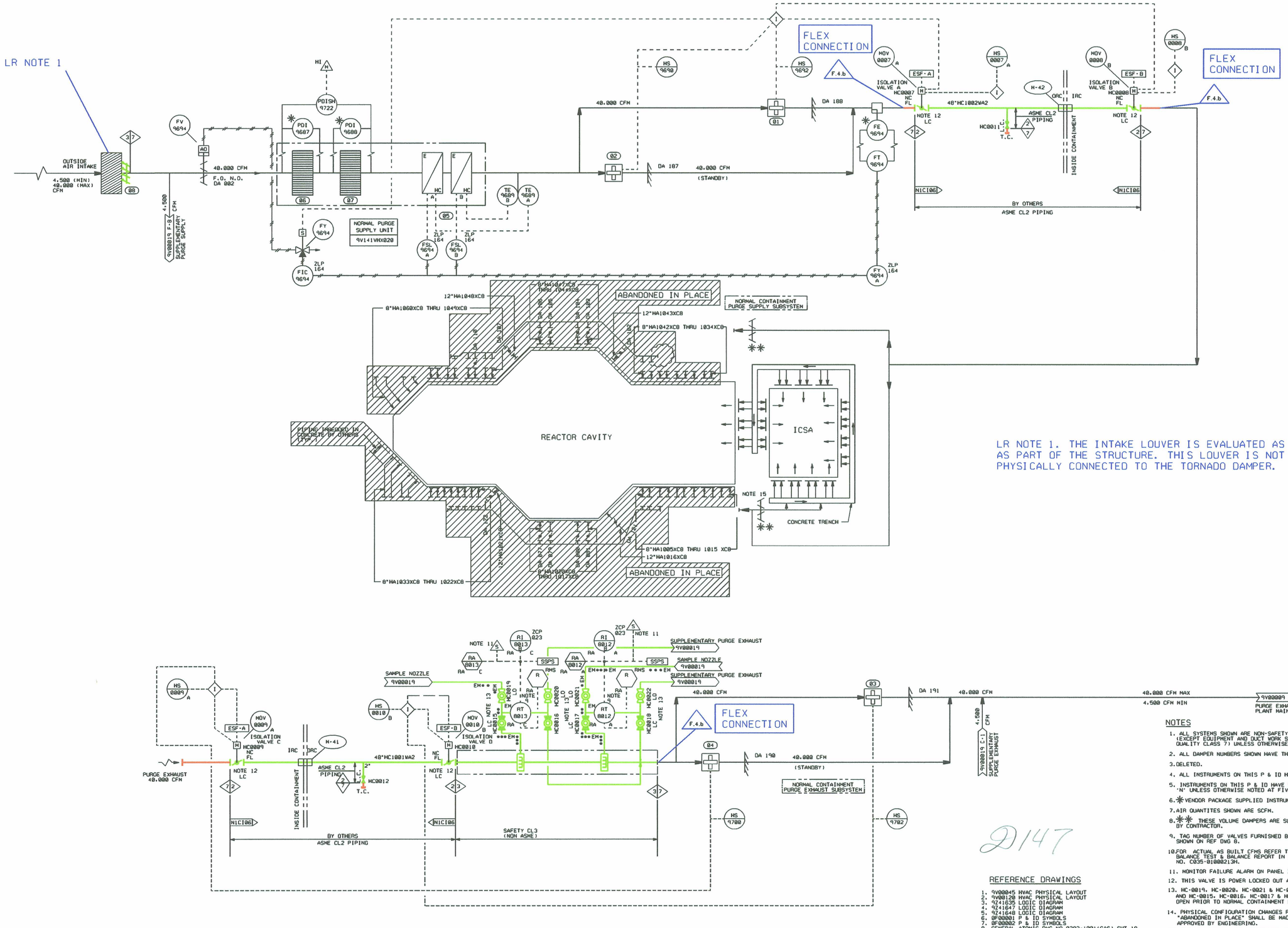
| EQUIPMENT NUMBERING INDEX | | |
|---|---|---|
| KEY NO | EQUIPMENT NUMBER | DESCRIPTION |
| 01 | 9V141VFN007 | NORM PURGE SPLY. FAN 11A |
| 02 | 9V141VFN008 | NORM PURGE SPLY. FAN 11B |
| 03 | 9V141VFN009 | NORM PURGE EXH. FAN 11A |
| 04 | 9V141VFN010 | NORM PURGE EXH. FAN 11B |
| 05 | 9V141VHX001 A & B | NORM PURGE SPLY HTG. COIL |
| 06 | 9V141VFD001 | NORM PURGE SPLY PREFILTER |
| 07 | 9V141VFD003 | NORM PURGE SPLY H.E. FILTER |
| 08 | 3V141VDA001 | TORNADO DAMPER |







2147

## REFERENCE DRAWINGS

1. 9V00045 HVAC PHYSICAL LAYOUT
2. 9V00128 HVAC PHYSICAL LAYOUT
3. 9241635 LOGIC DIAGRAM
4. 9241647 LOGIC DIAGRAM
5. 9241648 LOGIC DIAGRAM
6. 0F00001 P & ID SYMBOLS
7. 0F00002 P & ID SYMBOLS
8. GENERAL ATOMIC DWG NO 8392-1001(GAS),SHT 18 (4301-002750W, 8301-002670W).

## NOTES

1. ALL SYSTEMS SHOWN ARE NON-SAFETY AND NON-SEISMIC (EXCEPT EQUIPMENT AND DUCT WORK SUPPORTS ARE QUALITY CLASS 7) UNLESS OTHERWISE NOTED.
2. ALL DAMPER NUMBERS SHOWN HAVE THE PREFIX 9V141V.
3. DELETED.
4. ALL INSTRUMENTS ON THIS P & ID HAVE SYSTEM DESIGNATOR 'HC'.
5. INSTRUMENTS ON THIS P & ID HAVE SEPARATION GROUP 'N' UNLESS OTHERWISE NOTED AT FIVE O' CLOCK POSITION.
6. ✳ VENDOR PACKAGE SUPPLIED INSTRUMENTS.
7. AIR QUANTITES SHOWN ARE SCFM.
8. ✳✳ THESE VOLUME DAMPERS ARE SUPPLIED BY CONTRACTOR.
9. TAG NUMBER OF VALVES FURNISHED BY GA IS SHOWN ON REF DWG 8.
10. FOR ACTUAL AS BUILT CFMS REFER TO JCI FINAL AIR BALANCE TEST & BALANCE REPORT IN DWG NO. C035-010002134.
11. MONITOR FAILURE ALARM ON PANEL ZCP-022
12. THIS VALVE IS POWER LOCKED OUT AT THE MCC.
13. HC-0019, HC-0020, HC-0021 & HC-0022 MUST BE LOCKED CLOSED AND HC-0015, HC-0016, HC-0017 & HC-0018 MUST BE LOCKED OPEN PRIOR TO NORMAL CONTAINMENT PURGE SYSTEM OPERATIONS.
14. PHYSICAL CONFIGURATION CHANGES FOR DUCTWORK WHICH IS DESIGNATED AS "ABANDONED IN PLACE" SHALL BE MADE BY AN APPROVED DESIGN CHANGE PACKAGE APPROVED BY ENGINEERING.
15. THIS DAMPER MAY BE POSITIONED AS NECESSARY TO ELIMINATE WATER SURFACE DISTURBANCES IN THE ICSA.

| LR BOUNDARY DRAWING NO. | REV. |
|---|---|
| LR-STP-HC-5V149V00018✳1 | 0E |

| NO. | ISSUE DATE | REVISION | ORIG | CKR | RE | DV | SE |
|---|---|---|---|---|---|---|---|
| 21 | | INCORP. DCN 0600311. | JSH | | | | |
| 20 | 4-12-05 | INCORP. DCN 0500708. | LNB | ON FILE | | | |
| 19 | 9-26-01 | INCORP. DCN 0102412. | VJM | ON FILE | | | |
| 0-1 | 03-22-83 | ISSUED FOR CONSTRUCTION. | SIGNATURES ON FILE | | | | |

ESEED.DGN

**SOUTH TEXAS PROJECT NUCLEAR OPERATING COMPANY**

PIPING AND INSTRUMENTATION DIAGRAM
REACTOR CONTAINMENT BLDG.
NORMAL PURGE SUBSYSTEM

| PRIORITY | CADD FILE NO. | FSUG. NO. | STI. NO. | SCALE | DWG. NO. | REV. |
|---|---|---|---|---|---|---|
| 1 | FJA245.211 | D070928 | | NONE | 5V149V00018 ✳1 | 21 |

8 | 7 | 6 | 5 | 4 | 3 | 2 | 1