REVISIONS		
REV	ZONE	DESCRIPTION
22	E,F-7	REVISED TO INCORPORATE ECR-05-00190 REV. 0

QUADRANT III

QUADRANT II

QUADRANT I

QUADRANT IV

TO AH-V3A 302-847 (D-8)

TO CH-V19H 302-847 (D-8) 2 1/2"

FROM CH-V19I 302-847 (D-8) 2 1/2"

PENETRATION COOLING EXHAUST FANS

AH-V105A LO. DRAIN

AH-D-91A AH-D-91B

TURBINE BLDG. AIR AH-D-90

AH-D-89 OUTSIDE AIR

AH-F-9 2470 CFM

AH-E-9A 100% CAP.

AH-E-9B 100% CAP.

AH-C-16A AH-C-16B

AH-V104A HI DRAIN

AH-V104B HI DRAIN

AH-V105B LO. DRAIN

TO CH-V19E 302-847 (C-8) 2 1/2"

FROM CH-V19F 302-847 (C-8) 2 1/2"

TO AH-V3B 302-847 (C-8)

2470 CFM

2116 CFM

354 CFM

FD-58 1688 CFM FD-59

258 CFM 227 PC-C-6

315 CFM 112 PC-C-1

315 CFM 113 PC-C-2

315 CFM 114 PC-C-3

315 CFM 419 PC-C-4

PC-C-10 213 85 CFM

PC-C-11 214

PC-C-15 210

PC-C-16 211 85 CFM

PC-C-5 103 258 CFM

PC-C-14 413 85 CFM

PC-C-13 102 85 CFM

PC-C-12 328

PC-C-8 303 85 CFM

PC-C-7 306 99 CFM

PC-C-9 310 85 CFM

COMPLETE SYSTEM IS CL-1

2116 CFM 302-841(F-2) TO AUXILIARY BUILDING EXHAUST SYSTEM

354 CFM 302-841(D-7)

PENETRATION

FLEXIBLE CONNECTION

UNION

VALVE

REDUCER

TYPICAL PENETRATION CONNECTION

NOTES

1. VALVE POSITIONS SHOWN FOR REFERENCE ONLY. ACTUAL POSITIONS CONTROLLED BY PROCEDURES.
2. ALL INSTRUMENT TAG NUMBERS ARE PREFIXED BY AH.
3. SET POINT VALUES FOR RELIEF VALVES TO BE FOUND IN THE APPLICABLE ENGINEERING SET POINT DATABASE.
4. ALL BRANCH CONNECTIONS OFF MAIN ARE 6".
5. ALL BRANCH CONNECTIONS REDUCE TO 2" BETWEEN VALVE AND MAIN.
6. ALL BRANCHES HAVE FLEXIBLE CONNECTONS BETWEEN PENETRATIONS AND VALVES.
7. ALL TE'S REQUIRE 1/2" NPT MOUNTING HOLE AND TO BE CONNECTED TO TR 805.
8. VALVES PC-V15 AND PC-V16 ARE NORMALLY CLOSED. OPERATE ONLY AS DESCRIBED IN OPERATING PROCEDURES.

NO.	DWG. NO.	TITLE
3	302-003	COMPONENT & SYS ID INDEX
2	302-002	SYMBOLS INSTRUMENTATION
1	302-001	SYMBOLS FLOW DIAGRAM
		REFERENCES

Cad File Name : 302708_R22

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DRAWN: MARK TETKOSKIE 5/07/07

CHECKED: 5/7/07

DESIGN MANAGER:

ENGINEER: 5/14

ENGINEERING MANAGER: 5/14/07

INTERFACING CONCURRENCE

BA NO.

AmerGen

PENETRATION COOLING FLOW DIAGRAM

TMI-1

DWG. NO. 302-708

SH.

REV. 22

SCALE: NONE

DRAWING 302-708 SH.