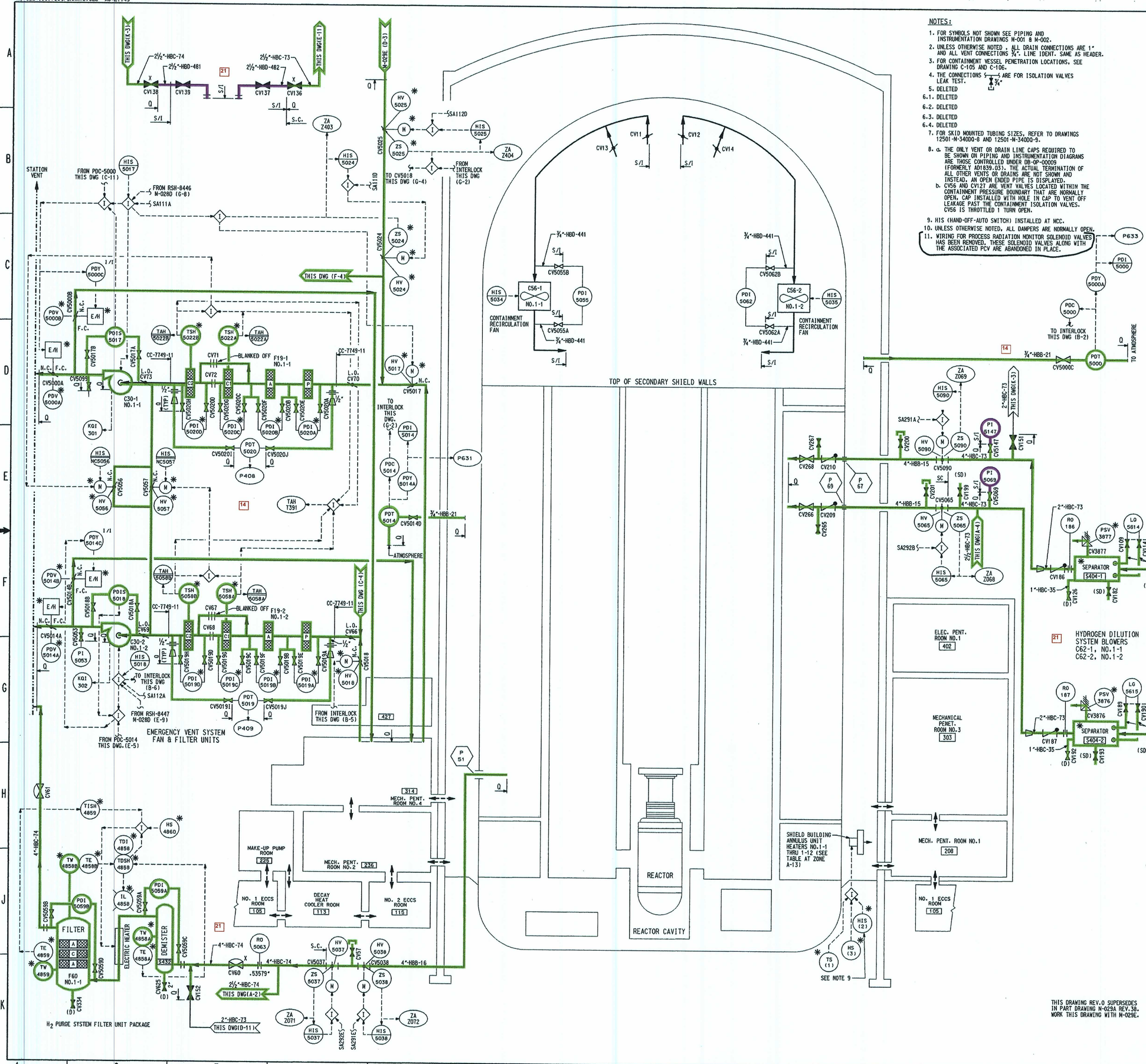
RC=CEL (155,100)FORMATS.CEL AC=E7749



NOTES:

1. FOR SYMBOLS NOT SHOWN SEE PIPING AND INSTRUMENTATION DRAWINGS M-001 & M-002.
2. UNLESS OTHERWISE NOTED , ALL DRAIN CONNECTIONS ARE 1" AND ALL VENT CONNECTIONS ¾". LINE IDENT. SAME AS HEADER.
3. FOR CONTAINMENT VESSEL PENETRATION LOCATIONS, SEE DRAWING C-105 AND C-106.
4. THE CONNECTIONS ⊢⊣ ARE FOR ISOLATION VALVES LEAK TEST. ⧗ ¾".
5. DELETED

6.1. DELETED

6.2. DELETED

6.3. DELETED

6.4. DELETED

7. FOR SKID MOUNTED TUBING SIZES, REFER TO DRAWINGS 12501-M-3400D-8 AND 12501-M-3400D-9.
8. a. THE ONLY VENT OR DRAIN LINE CAPS REQUIRED TO BE SHOWN ON PIPING AND INSTRUMENTATION DIAGRAMS ARE THOSE CONTROLLED UNDER DB-OP-00009 (FORMERLY AD1839.03). THE ACTUAL TERMINATION OF ALL OTHER VENTS OR DRAINS ARE NOT SHOWN AND INSTEAD, AN OPEN ENDED PIPE IS DISPLAYED.
   b. CV56 AND CV127 ARE VENT VALVES LOCATED WITHIN THE CONTAINMENT PRESSURE BOUNDARY THAT ARE NORMALLY OPEN. CAP INSTALLED WITH HOLE IN CAP TO VENT OFF LEAKAGE PAST THE CONTAINMENT ISOLATION VALVES. CV56 IS THROTTLED 1 TURN OPEN.
9. HIS (HAND-OFF-AUTO SWITCH) INSTALLED AT MCC.
10. UNLESS OTHERWISE NOTED, ALL DAMPERS ARE NORMALLY OPEN.
11. WIRING FOR PROCESS RADIATION MONITOR SOLENOID VALVES HAS BEEN REMOVED. THESE SOLENOID VALVES ALONG WITH THE ASSOCIATED PCV ARE ABANDONED IN PLACE.

UNIT HEATER NO.	TEMPERATURE SWITCH NO. (1)	HAND SWITCH NO. (2)	LOCAL CNTL STA. (3)
E117-1	TS-5616	HIS-5616	HS-NE117-1
E117-2	TS-5617	HIS-5617	HS-NE117-2
E117-3	TS-5618	HIS-5618	HS-NE117-3
E117-4	TS-5619	HIS-5619	HS-NE117-4
E117-5	TS-5620	HIS-5620	HS-NE117-5
E117-6	TS-5621	HIS-5621	HS-NE117-6
E117-7	TS-5622	HIS-5622	HS-NE117-7
E117-8	TS-5623	HIS-5623	HS-NE117-8
E117-9	TS-5624	HIS-5624	HS-NE117-9
E117-10	TS-5625	HIS-5625	HS-NE117-10
E117-11	TS-5626	HIS-5626	HS-NE117-11
E117-12	TS-5627	HIS-5627	HS-NE117-12

LEGEND

- TRANSFER AIR (DUCTLESS)
- SUPPLY OR EXHAUST AIR
- DIRECTION OF FLOW
- VOLUME CONTROL DAMPER
- B.D. BACKDRAFT DAMPER
- ISOLATION VALVE
- VANEAXIAL FAN
- PRE-FILTER
- ABSOLUTE FILTER
- CHARCOAL FILTER
- ROLL-O-MATIC FILTER
- LOUVER
- HEATING COIL
- COOLING COIL
- CENTRIFUGAL FAN
- S.O. SEALED OPEN POSITION
- L.T. LOCKED IN THROTTLE POSITION

LR NOTES:

A. FOR GENERAL LICENSE RENEWAL NOTES REFER TO LR-M001-01

LICENSE RENEWAL BOUNDARY DRAWING
LR-M029D REV. 0

SYSTEMS SHOWN ON THIS DRAWING:
14: HVAC
21: CONTAINMENT

THIS DRAWING REV.0 SUPERSEDES IN PART DRAWING M-029A REV.38. WORK THIS DRAWING WITH M-029E.

PROFESSIONAL CORPORATION (OHIO)
GAITHERSBURG, MARYLAND

DAVIS-BESSE NUCLEAR POWER STATION
UNIT NO.1
THE TOLEDO EDISON COMPANY

Q

P & ID - HV & A/C AIR FLOW DIAGRAM
CONTAINMENT AND PENETRATION ROOMS
SHT. 3

JOB NO.	DRAWING NO.	REV.
12501	M-029D	23

REF DFN=0311 . 1 . DFN=1:/PIDS/M029D.DGN
LEVELS 1234567890123456789012345678901234567890123456789012345678901234567890123
DB 12-08-06 14 34X44 E SIZE PSC= 11 1

D-42

01D-42