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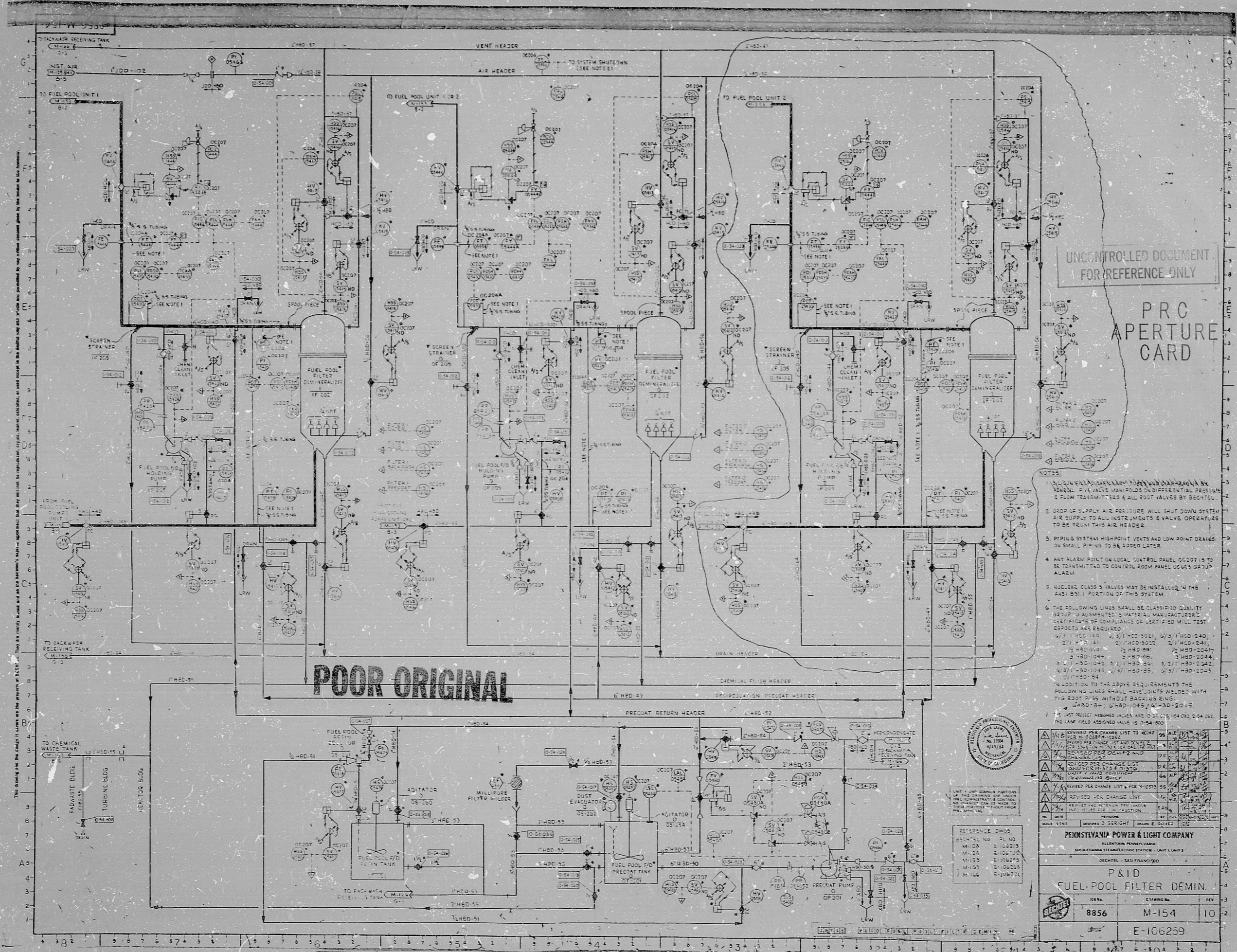
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11"

17



UNCONTROLLED DOCUMENT FOR REFERENCE ONLY

P&ID APERTURE CARD

- NOTES:
1. ALL VALVES OPERATED BY PERSONNEL SHALL BE VENTURI-AIR VALVE MANIPULATED DIFFERENTIAL PRESSURE & FLOW TRANSMITTERS & ALL ROOT VALVES BY BECHTEL.
 2. DROP OR SUPPLY AIR PRESSURE WILL SHUT DOWN SYSTEM AIR SUPPLY TO ALL INSTRUMENTS & VALVE OPERATORS TO BE FROM THIS AIR HEADER.
 3. PIPING SYSTEM HIGH-POINT VENTS AND LOW-POINT DRAINS ON SMALL PIPING TO BE ADDED LATER.
 4. ANY ALARM POINT ON LOCAL CONTROL PANEL (OC207) IS TO BE TRANSMITTED TO CONTROL ROOM PANEL (OC65) GROUP ALARM.
 5. NUCLEAR CLASS 'A' VALVES MAY BE INSTALLED IN THE ANSI 351.1 PORTION OF THIS SYSTEM.
 6. THE FOLLOWING LINES SHALL BE CLASSIFIED QUALITY GROUP 1 AUGMENTED 3 MATERIAL MANUFACTURER CERTIFICATE OF COMPLIANCE OR CERTIFIED MILL TEST REPORTS ARE REQUIRED:
 - 1/2" / HBD-140, 3/4" / HBD-302, 1/2" / HBD-340, 2" / HBD-341, 2" / HBD-302, 2" / HBD-241, 1" / HBD-141, 2" / HBD-89, 2" / HBD-247, 3" / HBD-104, 3" / HBD-86, 3" / HBD-244, 3" / HBD-104, 2" / HBD-344, 2" / HBD-242, 2" / HBD-104, 1/2" / HBD-89, 1/2" / HBD-203, 2" / HBD-84.
 7. IN ADDITION TO THE ABOVE REQUIREMENTS THE FOLLOWING LINES SHALL HAVE DENTS WELDED WITH THIS ROOT PIPES WITHOUT BACKING RING:
 - 1/2" HBD-8, 1/2" HBD-104, 1/2" HBD-203.
 8. THE LAST PROJECT ASSIGNED VALVES ARE: 1/2" HBD-154, 1/2" HBD-204, 1/2" HBD-202. THE LAST FIELD ASSIGNED VALVE IS 1/2" HBD-800.



REFERENCE DWGS

SYMBOL	PL NO	REV
△	M-154	E-106259
△	M-155	E-106259
△	M-156	E-106259
△	M-157	E-106259
△	M-158	E-106259
△	M-159	E-106259
△	M-160	E-106259

PENNSYLVANIA POWER & LIGHT COMPANY

BUCKLEHEAD STEAM/ELECTRIC STATION - UNIT 1 & 2

BECHTEL - SAN FRANCISCO

P&ID FUEL POOL FILTER DEMIN.

SYMBOL	CHANGING	REV
8856	M-154	10
E-106259		

30X

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