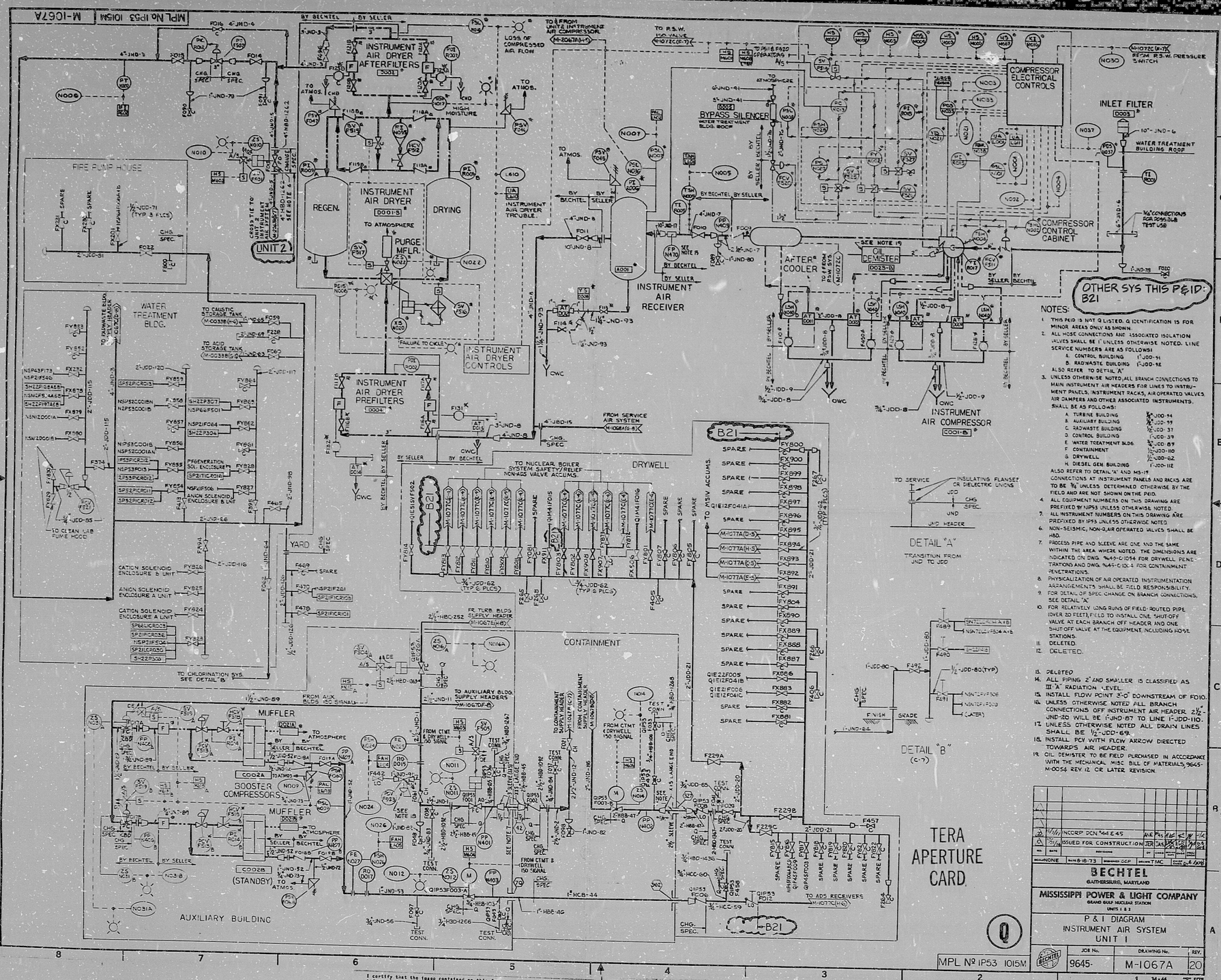
MPL No. IP53 1015M M-1067A



NOTES:

1. THIS P&ID IS NAT Q LISTED. Q IDENTIFICATION IS FOR MINOR AREAS ONLY AS SHOWN.
2. ALL HOSE CONNECTIONS AND ASSOCIATED ISOLATION VALVES SHALL BE 1" UNLESS OTHERWISE NOTED. LINE SERVICE NUMBERS ARE AS FOLLOWS:
   A. CONTROL BUILDING 1"-JDD-91
   B. RADWASTE BUILDING 1"-JDD-92
   ALSO REFER TO DETAIL "A"
3. UNLESS OTHERWISE NOTED, ALL BRANCH CONNECTIONS TO MAIN INSTRUMENT AIR HEADERS FOR LINES TO INSTRUMENT PANELS, INSTRUMENT RACKS, AIR OPERATED VALVES AIR DAMPERS AND OTHER ASSOCIATED INSTRUMENTS, SHALL BE AS FOLLOWS:
   A. TURBINE BUILDING ¾"-JDD-94
   B. AUXILIARY BUILDING ¾"-JDD-95
   C. RADWASTE BUILDING ½"-JDD-37
   D. CONTROL BUILDING ½"-JDD-39
   E. WATER TREATMENT BLDG. ¾"-JDD-89
   F. CONTAINMENT ½"-JDD-110
   G. DRYWELL ½"-JDD-62
   H. DIESEL GEN. BUILDING 1"-JDD-112
   ALSO REFER TO DETAIL "A" AND MS-19
   CONNECTIONS AT INSTRUMENT PANELS AND RACKS ARE TO BE ¾" UNLESS DETERMINED OTHERWISE BY THE FIELD AND ARE NOT SHOWN ON THE P&ID.
4. ALL EQUIPMENT NUMBERS ON THIS DRAWING ARE PREFIXED BY IP53 UNLESS OTHERWISE NOTED.
5. ALL INSTRUMENT NUMBERS ON THIS DRAWING ARE PREFIXED BY IP53 UNLESS OTHERWISE NOTED.
6. NON-SEISMIC, NON-Q, AIR OPERATED VALVES SHALL BE H80.
7. PROCESS PIPE AND SLEEVE ARE ONE AND THE SAME WITHIN THE AREA WHERE NOTED. THE DIMENSIONS ARE INDICATED ON DWG. 9645-C-1054 FOR DRYWELL PENETRATIONS AND DWG. 9645-C-10-4 FOR CONTAINMENT PENETRATIONS.
8. PHYSICALIZATION OF AIR OPERATED INSTRUMENTATION ARRANGEMENTS SHALL BE FIELD RESPONSIBILITY.
9. FOR DETAIL OF SPEC CHANGE ON BRANCH CONNECTIONS, SEE DETAIL "A"
10. FOR RELATIVELY LONG RUNS OF FIELD ROUTED PIPE (OVER 20 FEET) FIELD TO INSTALL ONE SHUT-OFF VALVE AT EACH BRANCH OFF HEADER AND ONE SHUT-OFF VALVE AT THE EQUIPMENT, INCLUDING HOSE STATIONS.
11. DELETED.
12. DELETED.
13. DELETED
14. ALL PIPING 2" AND SMALLER IS CLASSIFIED AS III "A" RADIATION LEVEL.
15. INSTALL FLOW POINT 3'-0" DOWNSTREAM OF FO10.
16. UNLESS OTHERWISE NOTED ALL BRANCH CONNECTIONS OFF INSTRUMENT AIR HEADER 2½"-JND-20 WILL BE 1"-JND-87 TO LINE 1"-JDD-110.
17. UNLESS OTHERWISE NOTED ALL DRAIN LINES SHALL BE ½"-JDD-69.
18. INSTALL PCV WITH FLOW ARROW DIRECTED TOWARDS AIR HEADER.
19. OIL DEMISTER TO BE FIELD PURCHASED IN ACCORDANCE WITH THE MECHANICAL MISC BILL OF MATERIALS, 9645-M-0056 REV 12 OR LATER REVISION.

NO.	DATE	REVISIONS	BY	CHK'D	APP'D
		NCORP DCN 7441 E 45	AVE	PM	TMC
20	5-18-73	ISSUED FOR CONSTRUCTION	JCH	DAS	TMC

MPL NONE MAY 5-18-73 DESIGNED DCP DRAWN TMC SCALE 1/4" = 1'-0"

BECHTEL
GAITHERSBURG, MARYLAND

MISSISSIPPI POWER & LIGHT COMPANY
GRAND GULF NUCLEAR STATION
UNITS 1 & 2

P & I DIAGRAM
INSTRUMENT AIR SYSTEM
UNIT 1

JOB No.	DRAWING No.	REV.
9645-	M-1067A	20

34 x 44 "E" SIZE

MPL Nº IP53 1015M

Q

TERA APERTURE CARD

I certify that the image contained on this frame was made in the normal and regular course of business, on the date stated below and that it is an accurate reproduction of the document(s) submitted to Micrographics.
DATE 10-8-87 OPERATOR Maureen Sisson SUPERVISOR

30X

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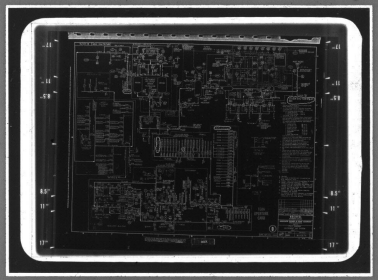

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