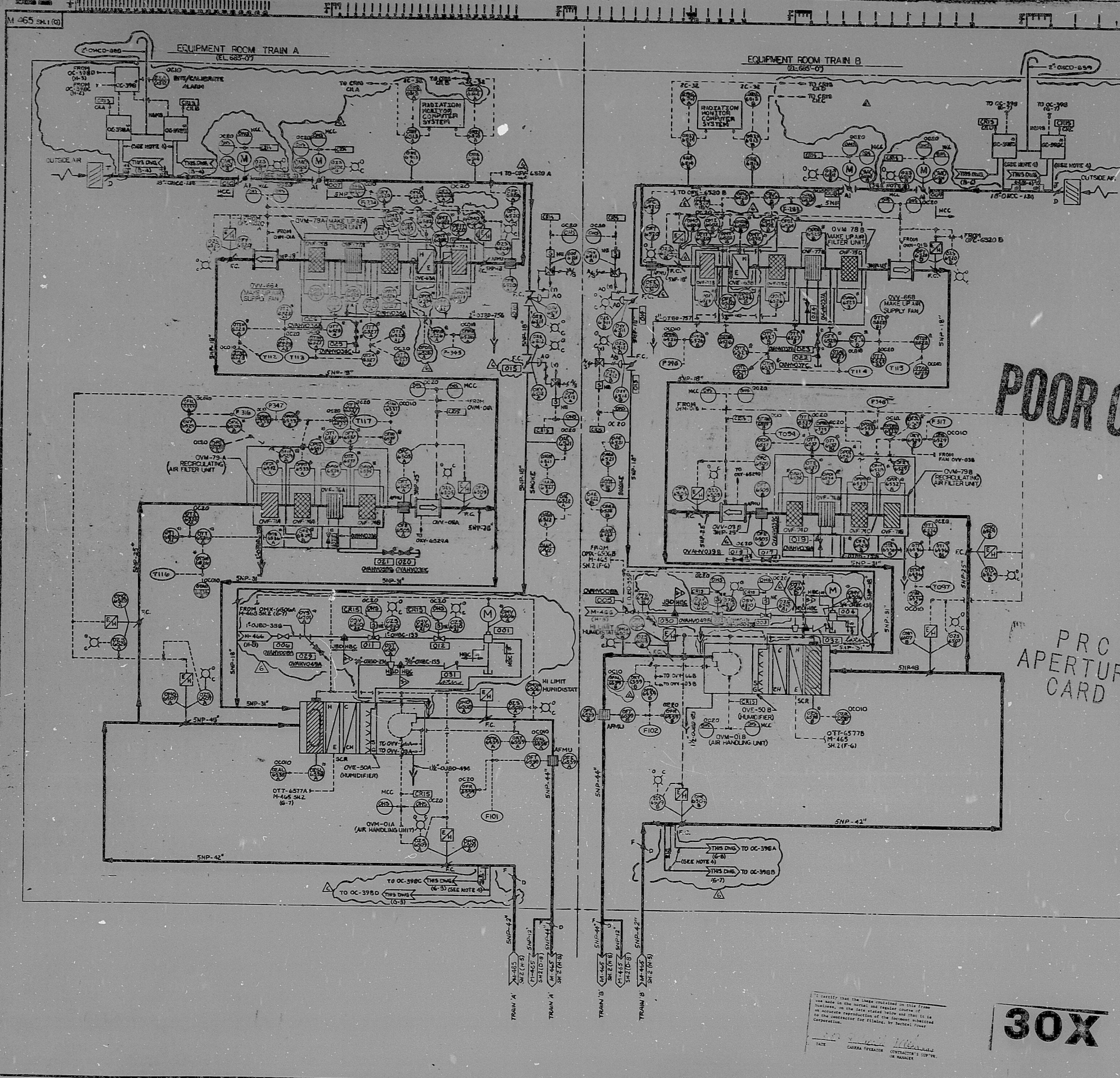




- LIST OF SYSTEMS
- CR-100 CONTROL ROOM CABLE SPREADING AND SWITCHING AREA SUPPLY AIR SYSTEM
 - CR-200 SWITCHING AREA COOLING SYSTEM
 - CR-300 SWITCHING AREA COOLING SYSTEM
 - CR-400 CONTROL ROOM, NUTRITION AND TOILET AREA EXHAUST SYSTEM
 - CR-500 CABLE SPREADING AREA EXHAUST SYSTEM
 - CR-600 (1) SWITCHING AREA EXHAUST SYSTEM
 - CR-700 CONTROL ROOM SMOKE REMOVAL SYSTEM
 - CR-800 CONTROL ROOM PRESSURIZATION SYSTEM

- NOTES
1. THE ESPAS SUBSYSTEM CRIS IS TRIPPED BY A DETECTION OF HAZARDOUS GASES INCLUDING H₂S AND H₂CO₂ GASES BY A MAIN STEAM LINE ISOLATION VALVE OR BY CONTROL ROOM OUTSIDE AIR INTAKE HIGH RADIATION.
 2. AIRFLOW - AIR FLOW MEASURING UNIT.
 3. PIPE BETWEEN VALVES OVC-001A AND OVC-001B AND BETWEEN VALVES OVC-001B AND OVC-001C IS TO BE CONSTRUCTED FROM 1/2" STANDARD WEIGHT STAINLESS STEEL PIPE, SCHEDULED 40S, SA-312, 17-304 OR 304 OR EQUIVALENT ABOVE SA-312, 17-304.
 4. 1/2" TEFLOON TUBING PROVIDED BY VENDOR OF HAZARDOUS GAS MONITORING SYSTEM (GMA).

AMS M-20394B

THIS DRAWING HAS BEEN REVIEWED AND FOUND TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD DRAWING SPECIFICATIONS FOR PIPING AND INSTRUMENT DIAGRAMS. IT IS HEREBY APPROVED FOR CONSTRUCTION.

DATE: 11/1/66

BY: [Signature]

NO.	DATE	REVISION	BY	CHKD.	APP'D.
1	11/1/66	REVISED AS INDICATED	[Signature]	[Signature]	[Signature]
2	11/1/66	INCORPORATED P.O. NO. 358	[Signature]	[Signature]	[Signature]
3	11/1/66	INCORPORATED P.O. NO. 358	[Signature]	[Signature]	[Signature]
4	11/1/66	REVISED AS INDICATED	[Signature]	[Signature]	[Signature]
5	11/1/66	REVISED AS INDICATED	[Signature]	[Signature]	[Signature]
6	11/1/66	REVISED AS INDICATED	[Signature]	[Signature]	[Signature]
7	11/1/66	REVISED AS INDICATED	[Signature]	[Signature]	[Signature]
8	11/1/66	REVISED AS INDICATED	[Signature]	[Signature]	[Signature]
9	11/1/66	REVISED AS INDICATED	[Signature]	[Signature]	[Signature]
10	11/1/66	REVISED AS INDICATED	[Signature]	[Signature]	[Signature]

BECHTEL
ANN ARBOR, MICHIGAN

MIDLAND PLANT UNITS 1 & 2
CONSUMERS POWER COMPANY

PIPING AND INSTRUMENT DIAGRAM
HEATING VENTILATION AND AIR CONDITIONING
CONTROL ROOM-BATTERY ROOM-SWITCHGEAR
AND CABLE SPREADING ROOM

JOB NO. 7220 M-465 SH-1 (Q) 6

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RIDS

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