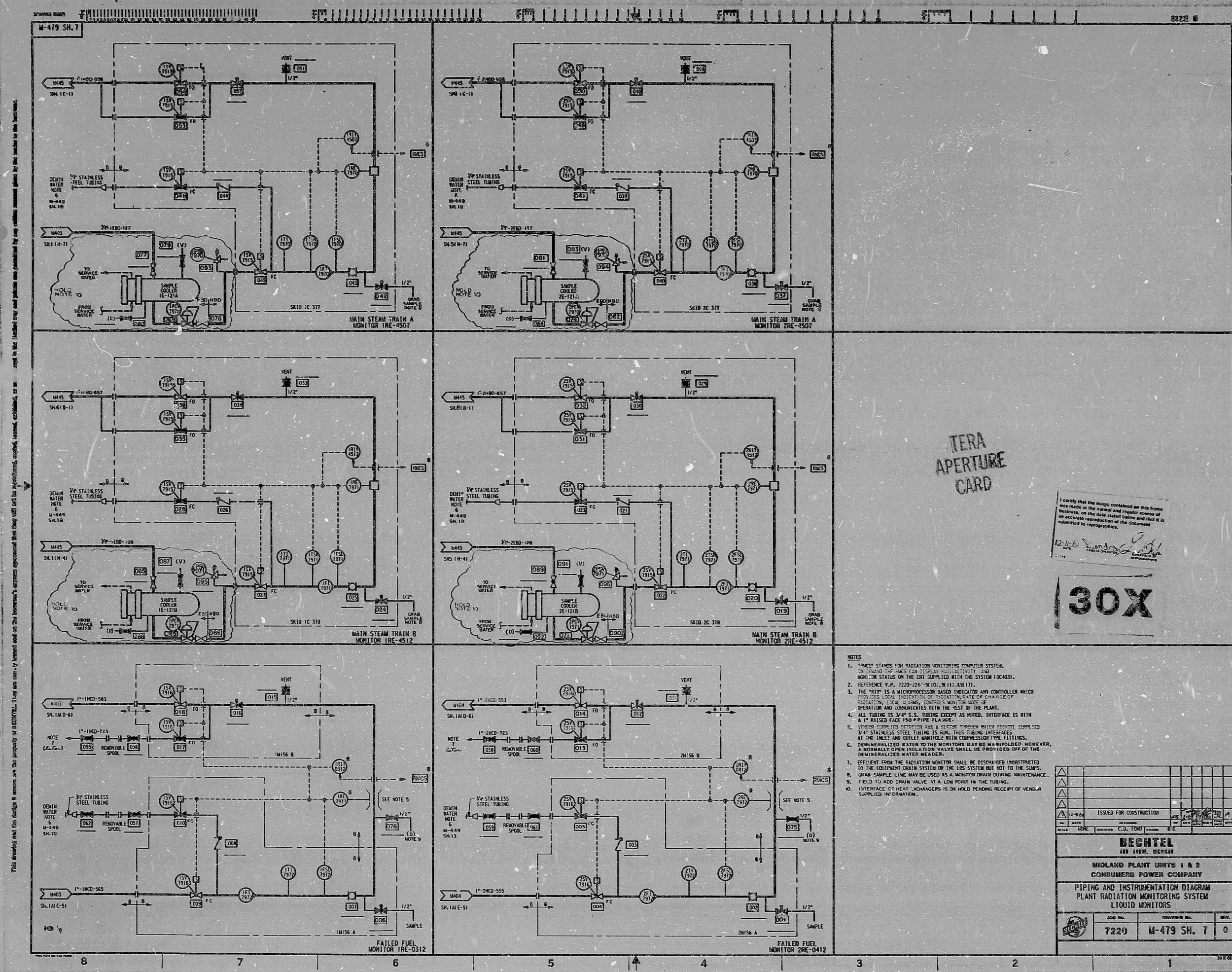




- NOTES
1. "RMS" STANDS FOR RADIATION MONITORING SYSTEM.
 2. "RMS" STANDS FOR RADIATION MONITORING SYSTEM.
 3. THE "RMS" IS A MICROPROCESSOR BASED INDICATOR AND CONTROLLER WHICH PROVIDES LOCAL INDICATION OF RADIATION RATE OF CHANGE OF RADIATION, LOCAL ALARMS, CONTROLS MONITOR MODE OF OPERATION AND COMMUNICATES WITH THE REST OF THE PLANT.
 4. ALL TUBING IS 3/4" S.S. TUBING EXCEPT AS NOTED. INTERFACE IS WITH A 1" RAISED FACE 150# FLANGE.
 5. VENTING DETECTOR HAS A CLEVER THROUGH WHICH DETECTOR IS SUPPLIED 3/4" STAINLESS STEEL TUBING IS RUN. THIS TUBING INTERFACES AT THE INLET AND OUTLET MANIFOLD WITH COMPRESSION TYPE FITTINGS.
 6. DEMINERALIZED WATER TO THE MONITORS MAY BE MANIFOLDED HOWEVER, A NORMALLY OPEN ISOLATION VALVE SHALL BE PROVIDED OFF OF THE DEMINERALIZED WATER HEADER.
 7. EFFLUENT FROM THE RADIATION MONITOR SHALL BE DISCHARGED UNOBTAINED TO THE EQUIPMENT DRAIN SYSTEM OR THE LBS SYSTEM BUT NOT TO THE SUMP.
 8. GRAB SAMPLE LINE MAY BE USED AS A MONITOR DRAIN DURING MAINTENANCE.
 9. FIELD TO ADD DRAIN VALVE AT A LOW POINT IN THE TUBING.
 10. INTERFACE OF HEAT EXCHANGERS IS ON HOLD PENDING RECEIPT OF VENDOR SUPPLIED INFORMATION.

ISSUED FOR CONSTRUCTION			
DATE	REVISION	BY	CHK
12-8-84			
BECHTEL			
AND ASSOCIATES			
MIDLAND PLANT UNITS 1 & 2			
CONSUMERS POWER COMPANY			
PIPING AND INSTRUMENTATION DIAGRAM			
PLANT RADIATION MONITORING SYSTEM			
LIQUID MONITORS			
JOB NO.	DISCUSSION NO.	REV.	
7229	M-479 SH. 7	0	

RIDS

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