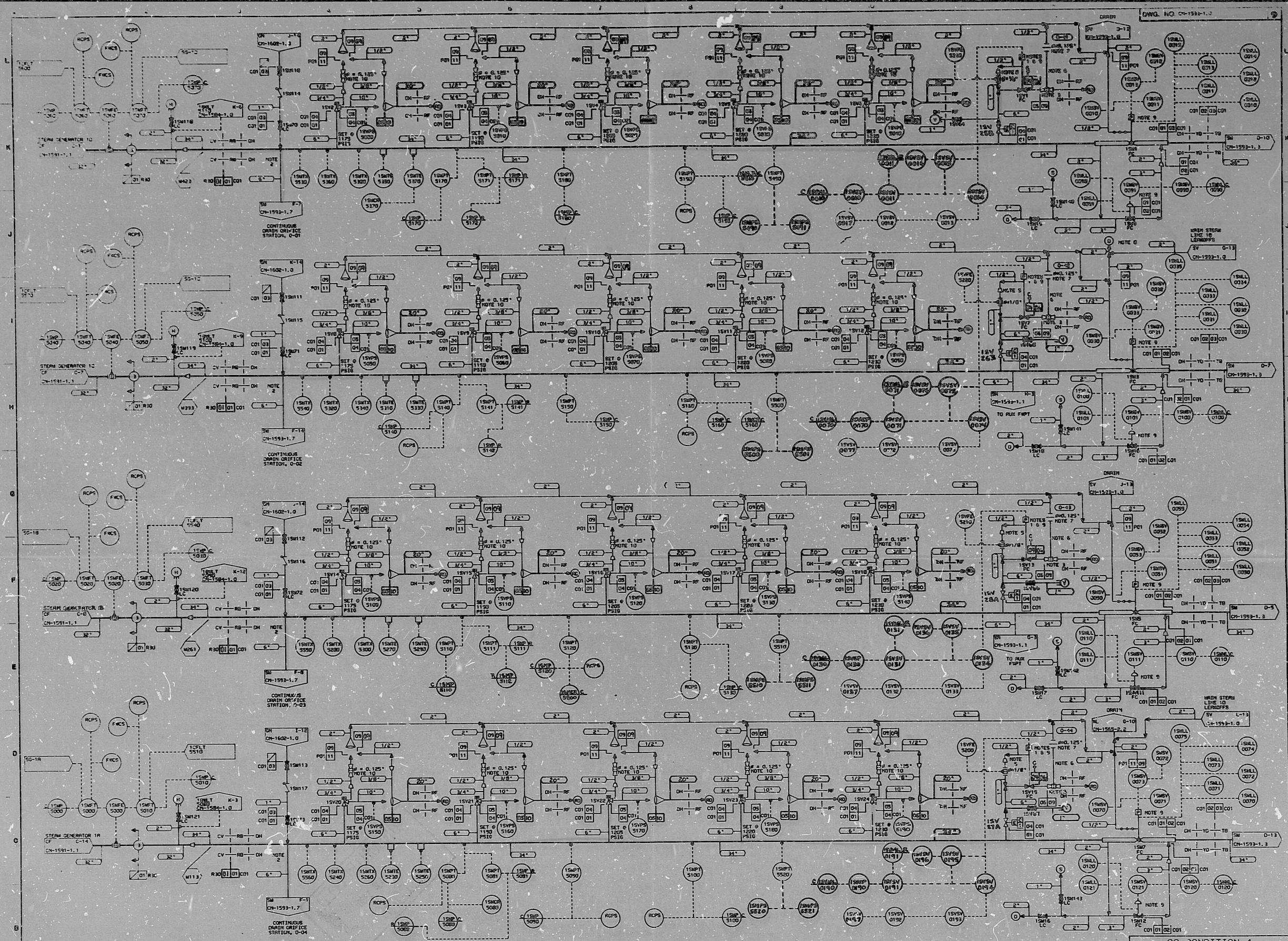




- NOTES:
1. MAIN STEAM POWER - RELIEF VALVE.
 2. DRAIN FROM RELIEF VALVE - LONG WITH DRAIN LINE COMPLYING 6" FROM BOTTOM.
 3. DISC STACK - FLOW RESTRICTION SUPPLIED WITH RESPECTIVE U.S. POWER RELIEF VALVE.
 4. BONNET DRAIN MUST BE SLOPED AND ROUTED CONTINUOUSLY DOWNWARD.
 5. DRAIN FROM PUMP SILENCER SHOULD MUST BE SLOPED AND ROUTED CONTINUOUSLY DOWNWARD.
 6. DRAIN ORIFICE MUST BE LOCATED AT LEAST 1 FT. BELOW BOTTOM OF SILENCER.
 7. ROUTE TO FLOOR DRAIN.

8. CLOSURE OF MAIN STEAM ISOLATION VALVE.
9. FLOW RESTRICTION FORMED FROM MODIFIED FULL COUPLING.
10. DISC STACK - FLOW RESTRICTION SUPPLIED WITH RESPECTIVE U.S. POWER RELIEF VALVE.

DESIGN PARAMETERS

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
SW 01	1500.3	1200 PSIA	600°F	B	C3
SW 02	1500.3	1200 PSIA	600°F	B	C3
SW 03	1500.3	1200 PSIA	600°F	B	C3
SW 04	1500.3	1200 PSIA	600°F	B	C3
SW 05	1500.3	1200 PSIA	600°F	B	C3
SW 06	1500.3	1200 PSIA	600°F	B	C3
SW 07	1500.3	1200 PSIA	600°F	B	C3
SW 08	1500.3	1200 PSIA	600°F	B	C3
SW 09	1500.3	1200 PSIA	600°F	B	C3
SW 10	1500.3	1200 PSIA	600°F	B	C3
SW 11	1500.3	1200 PSIA	600°F	B	C3

TI
APERTURE
CARD

QA CONDITION 4		QA CONDITION 1	
DUKE POWER COMPANY			
GATHER NUCLEAR STATION UNIT 1			
FLOW DIAGRAM OF MAIN STEAM SYSTEM (END) MAIN STEAM VENT TO ATMOS (END)			
DESIGNED BY: DATE: 2-19-74, REV: NONE		DATE: 2-19-74, REV: NONE	
CHECKED BY: DATE: 2-19-74, REV: NONE		DATE: 2-19-74, REV: NONE	
APPROVED AND RELEASED: DATE: 2-19-74, REV: NONE		DATE: 2-19-74, REV: NONE	
NO. REVISIONS		DWG. NO. CH-1593-1.0	

PDR RIDS

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