



- INSTRUMENT LEGEND**
- 23-CS88...CONTROLLER FOR Y-07 WITH TEMPERATURE METER-(SENSES INLET WATER TEMP.) (10 SCFH MAX.)
 - 23-P91...VALVE POSITIONER FOR Y-07. (10 SCFH MAX.)
 - 63-166...HIGH LOW LEVEL SWITCH-ALARMS AT 4" ABOVE 4" BELOW OPERATING WATER LEVEL.
 - 63-P60 A...PUMP PRESSURE SWITCH-STARTS RESERVE PUMP ON DECREASE OF 10 P.S.I.
 - 63-P60 B...PUMP PRESSURE SWITCH-STARTS RESERVE PUMP ON INCREASE OF 20 P.S.I.
 - PS-713-13...PRESSURE SWITCH (INLET WATER) TURBINE RUNBACK - SET AT A FLOW PS-713-14 OF 223 GPM +11-0.
 - PS-713-15
 - 63-P96...PRESSURE SWITCH (INLET WATER) SET TO ALARM @ A FLOW OF TS-713-10 234 GPM +12-0.
 - TS-713-11 THERMOSTAT (OUTLET WATER) TURBINE RUNBACK AT 85° C (INCREASING)
 - TS-713-12
 - C-1...GENERATOR INLET CONDUCTIVITY CELL AND TEMPERATURE COMPENSATOR FOR CDR-1
 - C-2...DEIONIZER OUTLET CONDUCTIVITY CELL AND TEMPERATURE COMPENSATOR FOR CDR-1
 - C-3...GENERATOR OUTLET CONDUCTIVITY CELL AND TEMPERATURE COMPENSATOR FOR CDR-1
 - SCP-A,B...STATOR COOLANT PUMP MAIN AND RESERVE
 - TDP-1...100 OHM TEMPERATURE DETECTOR FOR PURCHASER'S USE (OUTLET)
 - TDT-1...TEMPERATURE DETECTOR FOR T-1 (METER IN CABINET)
 - TTP-2...100 OHM TEMPERATURE DETECTOR FOR PURCHASER'S USE (INLET)
 - TFT-2...TEMPERATURE DETECTOR FOR T-2 (METER IN CABINET)
 - Y-07...PROPORTIONING VALVE FOR CONSTANT INLET WATER TEMPERATURE
 - Y-37...GAUGE CONNECTION FOR SETTING CONTROLS (APPROX. 1 FT. BELOW GENERATOR CASING)
 - Y-63...PRESSURE REDUCING VALVE
 - YDE-1...DEIONIZER
 - YFL-1...INLET FLOWMETER AND SWITCH-ALARM AT FLOW 234 GPM +12-0.
 - YFL-2...DEIONIZER FLOWMETER
 - YFI-1...FILTER GENERATOR INLET
 - YFI-2...FILTER FOR MAKE-UP WATER
 - YGA-2...PRESSURE GAUGE (GENERATOR INLET) (0-100 P.S.I.)
 - YGA-3...PRESSURE GAUGE (PUMP DISCHARGE) (0-200 P.S.I.)
 - YGA-4...PRESSURE GAUGE (YFI-1 INLET) (0-100 P.S.I.)
 - YGA-5...PRESSURE GAUGE (YFI-1 OUTLET) (0-100 P.S.I.)
 - YGA-6...PRESSURE GAUGE (YDE-1 INLET) (0-30 P.S.I.)
 - YGA-7...PRESSURE GAUGE (YDE-1 OUTLET) (0-30 P.S.I.)
 - YST-1...STRAINER GENERATOR INLET
 - YST-2...STRAINER DEIONIZER OUTLET
 - YPC-63...DIFFERENTIAL PRESSURE CONTROLLER FOR VALVE Y-63 (25 SCFH MAX.)
 - Y-19...STOP CHECK VALVE-ALLOWS MAKE-UP WATER FLOW ONLY THROUGH DEIONIZER ALSO USED TO THROTTLE NORMAL FLOW THROUGH DEIONIZER TO 50 G.P.M.

- LEGEND**
- ⊕ DRAIN CONNECTION
 - ⊙ CONDUCTIVITY CELL

- NOTES:**
1. ALL VALVES ON THIS SHEET ARE PREFIXED V- UNLESS OTHERWISE NOTED.
 2. THIS DRAWING IS BASED ON GE 234R166 SHEET 1 REVISION 25.
 3. THIS DRAWING INCLUDES THE FOLLOWING LICENSE RENEWAL SYSTEMS:
MGA - MAIN GENERATOR AND AUXILIARY SYSTEM
WT - WATER TREATMENT AND DISTRIBUTION SYSTEM
TBW - TURBINE BUILDING CLOSED COOLING WATER

TABLE OF ADDITIONS & CHANGES					
NO.	DATE	DESCRIPTION	REV'D	CHK'D	APP'D
0	7/05	INITIAL ISSUE FOR LICENSE RENEWAL	J	L	K
			N	J	P
			V	C	M

MECHANICAL	
LICENSE RENEWAL DRAWING	
GENERATOR STATOR	
COOLING SYSTEM	
FLOW DIAGRAM	
DYSTER CREEK	
AmerGen	
SHEET 1 OF 1	LR-GE-234R166 0

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