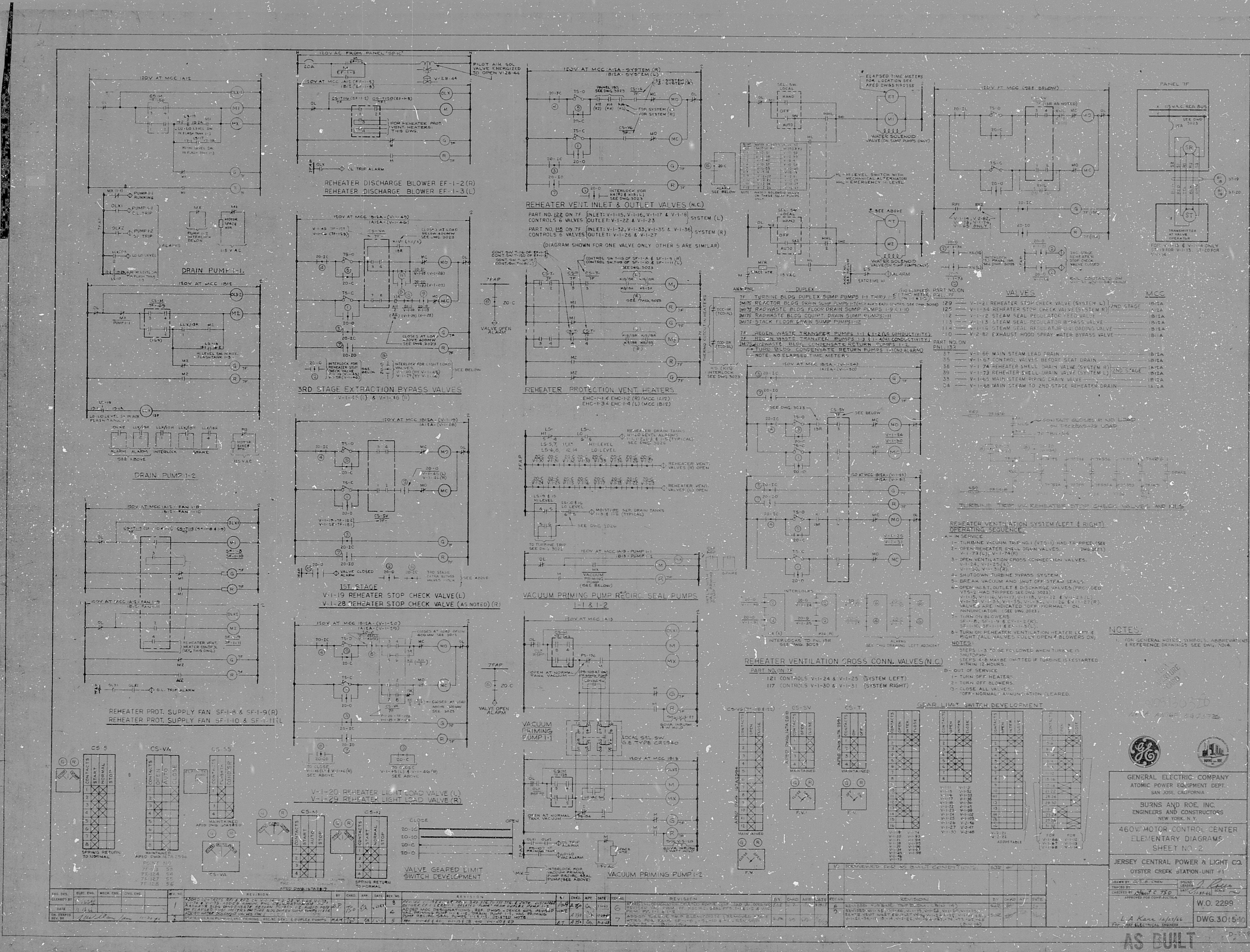

DRAIN PUMP 1-1
DRAIN PUMP 1-2
REHEATER PROT. SUPPLY FAN SF-1-8 & SF-1-9(R)
REHEATER PROT. SUPPLY FAN SF-1-10 & SF-1-11(L)
REHEATER DISCHARGE BLOWER EF-1-2(R)
REHEATER DISCHARGE BLOWER EF-1-3(L)
3RD STAGE EXTRACTION BYPASS VALVES
V-1-45 (L) & V-1-46 (R)
1ST. STAGE
V-1-19 REHEATER STOP CHECK VALVE (L)
V-1-28 REHEATER STOP CHECK VALVE (AS NOTED) (R)
V-1-20 REHEATER LIGHT LOAD VALVE (L)
V-1-29 REHEATER LIGHT LOAD VALVE (R)
REHEATER VENT. INLET & OUTLET VALVES (N.C.)
PART NO. 122 ON 7F CONTROLS 6 VALVES: INLET: V-1-15, V-1-16, V-1-17 & V-1-18; OUTLET: V-1-22 & V-1-23 — SYSTEM (L)
PART NO. 118 ON 7F CONTROLS 6 VALVES: INLET: V-1-32, V-1-33, V-1-35 & V-1-36; OUTLET: V-1-26 & V-1-27 — SYSTEM (R)
(DIAGRAM SHOWN FOR ONE VALVE ONLY OTHER 5 ARE SIMILAR)
REHEATER PROTECTION VENT HEATERS
EHC-1-1 & EHC-1-2 (R) (MCC 1A12)
EHC-1-3 & EHC-1-4 (L) (MCC 1B12)
VACUUM PRIMING PUMP RECIRC. SEAL PUMPS 1-1 & 1-2
VACUUM PRIMING PUMP 1-1
VACUUM PRIMING PUMP 1-2
VALVE GEARED LIMIT SWITCH DEVELOPMENT
REHEATER VENTILATION CROSS CONN. VALVES (N.C.)
PART NO. ON 7F
121 CONTROLS V-1-24 & V-1-25 (SYSTEM LEFT)
117 CONTROLS V-1-30 & V-1-31 (SYSTEM RIGHT)
GEAR LIMIT SWITCH DEVELOPMENT
PANEL 7F
TURBINE TRIP VIA REHEATER STOP CHECK VALVES AND NLS
VALVES
MCC
129 — V-1-21 REHEATER STOP CHECK VALVE (SYSTEM L) — 2ND STAGE — 1B12A
125 — V-1-34 REHEATER STOP CHECK VALVE (SYSTEM R) — 2ND STAGE — 1A12A
112 — V-1-12 STEAM SEAL REGULATOR FEED VALVE — 1B12A
113 — V-1-13 STEAM SEAL REGULATOR BYPASS VALVE — 1B12A
114 — V-1-14 STEAM SEAL REGULATOR UNLOADING VALVE — 1B12A
110 — V-2-82 EXHAUST HOOD SPRAY WATER BYPASS VALVE — 1B11A
37 — V-1-66 MAIN STEAM LEAD DRAIN — 1B12A
35 — V-1-67 CONTROL VALVES BEFORE SEAT DRAIN — 1B12A
38 — V-1-74 REHEATER SHELL DRAIN VALVE (SYSTEM R) — 2ND STAGE — 1A12A
39 — V-1-73 REHEATER SHELL DRAIN VALVE (SYSTEM L) — 2ND STAGE — 1B12A
33 — V-1-65 MAIN STEAM PIPING DRAIN VALVE — 1B12A
34 — V-1-68 MAIN STEAM TO 2ND STAGE REHEATER DRAIN — 1A12A
7F TURBINE BLDG DUPLEX SUMP PUMPS 1-1 THRU 1-5
1M175 REACTOR BLDG DRAIN SUMP PUMPS 1-7
1M175 RADWASTE BLDG FLOOR DRAIN SUMP PUMPS 1-9 & 1-10
1M175 RADWASTE BLDG EQUIPT. DRAIN SUMP PUMPS 1-11
1M175 STACK FLOOR DRAIN SUMP PUMPS 1-12
7F REGEN WASTE TRANSFER PUMPS 1-1 & 1-2 (LO CONDUCTIVITY)
7F REGEN WASTE TRANSFER PUMPS 1-3 & 1-4 (HI CONDUCTIVITY)
1M175 RADWASTE BLDG CONDENSATE RETURN PUMPS 1-2
TURB. BLDG CONDENSATE RETURN PUMPS 1-1 (NO ALARM)
NOTE: NO ELAPSED TIME METERS
REHEATER VENTILATION SYSTEM (LEFT & RIGHT) OPERATING SEQUENCE
A - IN SERVICE
1 - TURBINE VACUUM TRIP NO. 1 (VTS-1) HAD TRIPPED (SEE DWG 3023)
2 - OPEN REHEATER SHELL DRAIN VALVES. V-1-73 (L), V-1-74 (R)
3 - OPEN VENTILATION CROSS CONNECTION VALVES. V-1-24, V-1-25 (L), V-1-30, V-1-31 (R).
4 - SHUTDOWN TURBINE BYPASS SYSTEM.
5 - BREAK VACUUM AND SHUT OFF STEAM SEALS.
6 - OPEN INLET, OUTLET & DISCHARGE VALVES (PROVIDED VTS-2 HAD TRIPPED SEE DWG 3023) V-1-15, V-1-16, V-1-17, V-1-18, V-1-22 & V-1-23 (L). V-1-32, V-1-33, V-1-35, V-1-36, V-1-26 & V-1-27 (R). VALVES ARE INDICATED "OFF-NORMAL" ON ANNUNCIATOR. (SEE DWG 3023)
7 - TURN ON BLOWERS SF-1-8, SF-1-9 & EF-1-2 (R). SF-1-10, SF-1-11 & EF-1-3 (L).
8 - TURN ON REHEATER VENTILATION HEATER LEFT & RIGHT (ALL VALVES FULLY OPEN & BLOWERS ON).
NOTES:
STEPS 1-3 TO BE FOLLOWED WHEN TURBINE IS SHUTDOWN.
STEPS 4-8 MAYBE OMITTED IF TURBINE IS RESTARTED WITHIN 12 HOURS.
B - OUT OF SERVICE
1 - TURN OFF HEATERS.
2 - TURN OFF BLOWERS.
3 - CLOSE ALL VALVES. "OFF-NORMAL" ANNUNCIATION CLEARED.
NOTES:
1. FOR GENERAL NOTES, SYMBOLS, ABBREVIATIONS & REFERENCE DRAWINGS SEE DWG. 3014.
GENERAL ELECTRIC COMPANY
ATOMIC POWER EQUIPMENT DEPT.
SAN JOSE, CALIFORNIA
BURNS AND ROE, INC.
ENGINEERS AND CONSTRUCTORS
NEW YORK, N.Y.
460V. MOTOR CONTROL CENTER
ELEMENTARY DIAGRAMS
SHEET NO. 2
JERSEY CENTRAL POWER & LIGHT CO.
OYSTER CREEK STATION - UNIT #1
DRAWN BY O. S. B. CHEN
SQUAD LEADER J. Ross
APPROVED FOR CONSTRUCTION
L. A. Kerr
FOR CHIEF ELECTRICAL ENGINEER
W.O. 2299
DWG. 3015-10
REVIEWED FOR AS BUILT CONDITIONS
REVISION
AS BUILT
D-348

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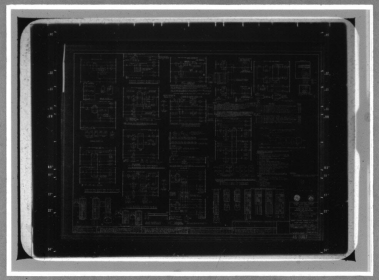
DOCKET NUMBER	ACCESSION NUMBER	DRAWING NUMBER	SHEET	REV.



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