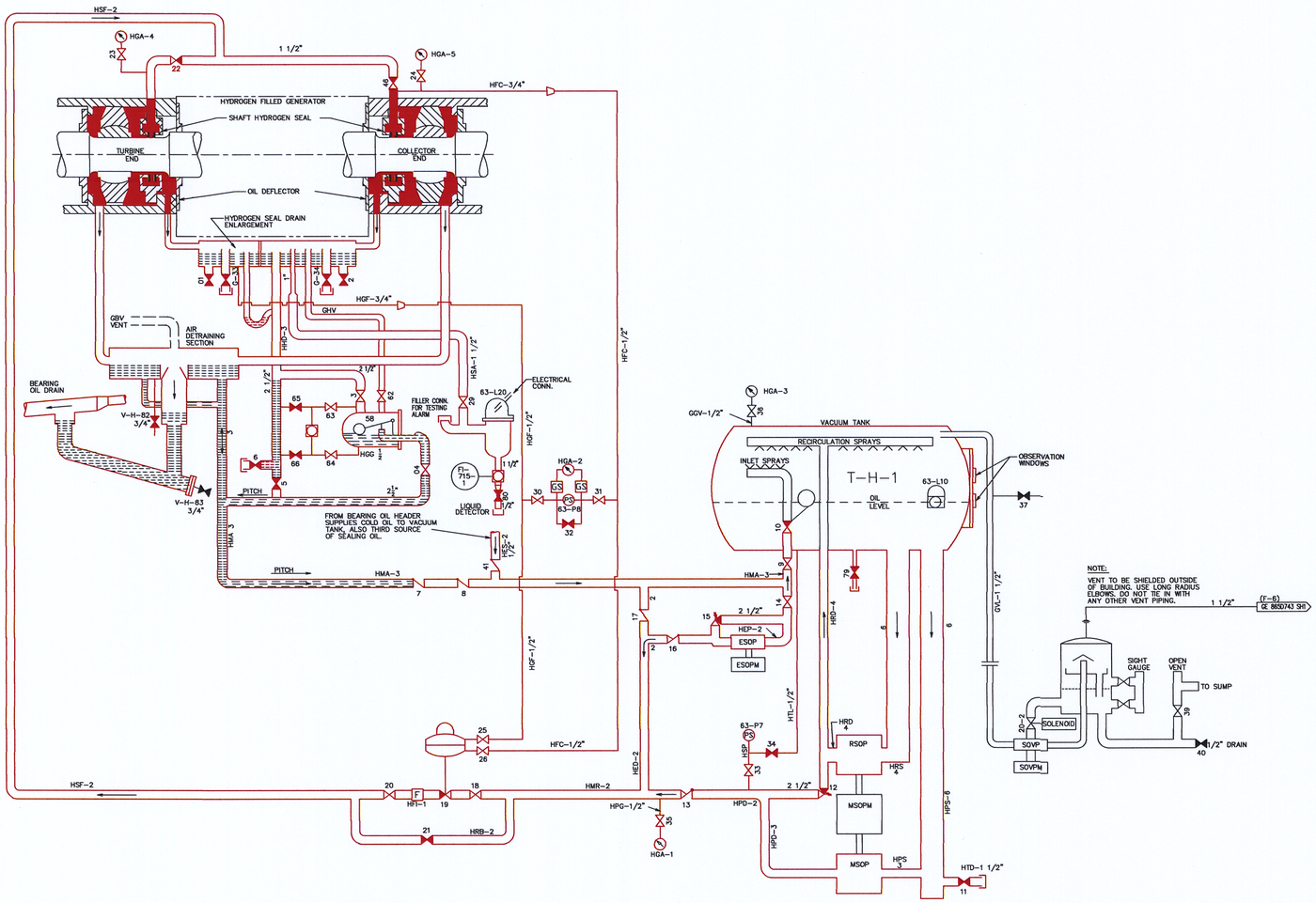

NOTES:

1. ALL VALVES ON THIS SHEET ARE PREFIXED H UNLESS OTHERWISE NOTED.
2. THIS DRAWING IS BASED ON GE 865D741 SHEET 1 REVISION 12.
3. THIS DRAWING INCLUDES THE FOLLOWING LICENSE RENEWAL SYSTEMS:
   MGA– MAIN GENERATOR AND AUXILIARY SYSTEM

INSTRUMENT LEGEND

ESOP.....EMERGENCY SEAL OIL PUMP–36 GPM
ESOPM.....EMERGENCY SEAL OIL PUMP MOTOR 3 HP POWER SOURCE DIFFERENT FROM MSOPM
HFI–1.....FILTER–MAIN REGULATOR LINE
HGA–1.....MAIN SEALING OIL PUMP DISCHARGE PRESSURE GAUGE. 0–200 P.S.I.
HGA–2.....DUPLEX GAUGE 0–100 P.S.I. BLACK POINTER–SEAL OIL PRESSURE RED POINTER–MACHINE GAS PRESSURE.
HGA–3.....VACUUM GAUGE (0–30 HG)
HGA–4.....SEAL OIL PRESSURE GAUGE–TURBINE END (0–60 P.S.I.)
HGA–5.....SEAL OIL PRESSURE GAUGE–COLLECTOR END (0–60 P.S.I.)
H–10.....FLOAT VALVE–CLOSES ON RISING OIL LEVEL.
H–12.....2 1/2" RELIEF VALVE SET TO MAINTAIN 90 P.S.I.
H–15.....2 1/2" RELIEF VALVE SET TO MAINTAIN 90 P.S.I (SEE NOTE 4)
H–19.....SPRING OPEN REGULATING VALVE SET TO MAINTAIN SEALING OIL PRESSURE AT 4 P.S.I. ABOVE H₂ PRESSURE.
H–37.....VALVE FOR MANUAL REGULATION OF VACUUM.
H–58.....FLOAT TRAP–CLOSES ON DECREASING OIL LEVEL. PREVENTS H₂ FROM ENTERING OIL SYSTEM.
MSOP.....MAIN SEAL OIL PUMP–65 GPM.
MSOPM.....MAIN SEAL OIL PUMP MOTOR–15 H.P. (DOUBLE SHAFT).
RSOP.....RECIRCULATING SEAL OIL PUMP–152 G.P.M.
SOVP.....SEAL OIL VACUUM PUMP – 46 CFM
SOVPM.....SEAL OIL VACUUM PUMP MOTOR–2 H.P.
20–2.....SOLENOID OPERATED VALVE–PUMP LUBRICATING LINE–VALVE SHALL BE OPEN WHENEVER THE PUMP IS RUNNING.
63–L10.....FLOAT SWITCH–ALARM ON OIL LEVEL RISE OR FALL 3".
63–L20.....FLOAT SWITCH ON LIQUID DETECTOR.
63–P7.....MAIN SEAL OIL PUMP DISCHARGE PRESSURE SWITCH–SET FOR 70 P.S.I.–STARTS ESOP.
63–P8.....DIFFERENTIAL PRESSURE SWITCH–LOW ALARM AT 2.5 P.S.I. OIL PRESSURE AT SEALS ABOVE H₂ PRESSURE.

TABLE OF ADDITIONS & CHANGES

NO	DATE	DESCRIPTION	REV'D	CHK'D	APP'D
0	7 DEC 05	INITIAL ISSUE FOR LICENSE RENEWAL	JNV	LJC	KPM

MECHANICAL

LICENSE RENEWAL DRAWING
HYDROGEN SEAL OIL
(GENERATOR) SYSTEM
FLOW DIAGRAM

OYSTER CREEK
AmerGen

SHEET 1 OF 1 LR-GE-865D741 R 0

DWG NO LR-GE-865D741 SH 1 OF 1

D-60