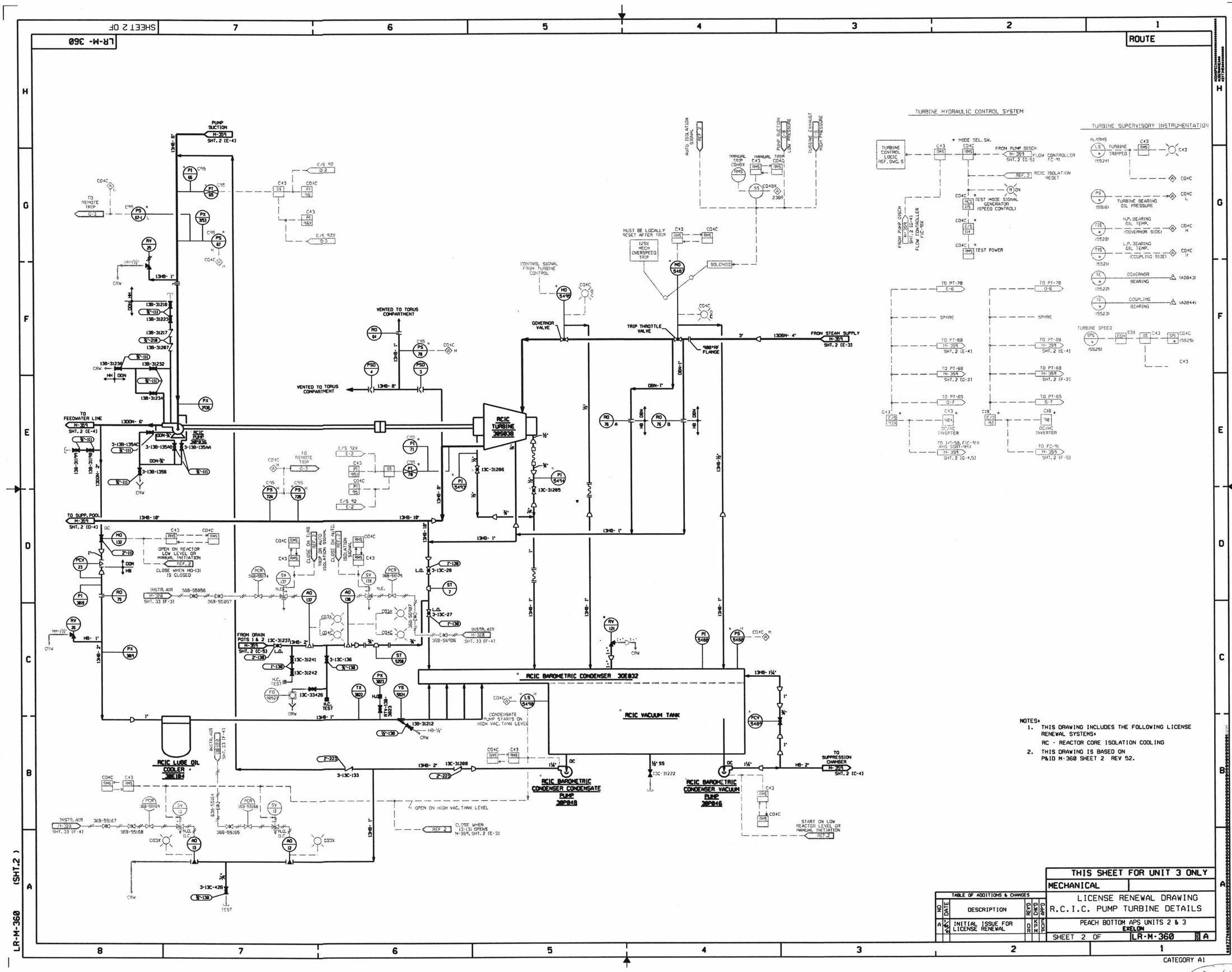
LR-M-360
SHEET 2 OF
ROUTE
TURBINE HYDRAULIC CONTROL SYSTEM
TURBINE SUPERVISORY INSTRUMENTATION
RCIC TURBINE 39P836
RCIC PUMP 39P836
RCIC BAROMETRIC CONDENSER 30E032
RCIC VACUUM TANK
RCIC LUBE OIL COOLER 30E184
RCIC BAROMETRIC CONDENSER CONDENSATE PUMP 30P848
RCIC BAROMETRIC CONDENSER VACUUM PUMP 30P846
PUMP SUCTION M-359 SHT. 2 (E-4)
TO FEEDWATER LINE M-359 SHT. 2 (E-4)
TO SUPP. POOL M-359 SHT. 2 (D-4)
FROM STEAM SUPPLY M-359 SHT. 2 (E-3)
TO SUPPRESSION CHAMBER M-359 SHT. 2 (C-4)
VENTED TO TORUS COMPARTMENT
GOVERNOR VALVE
TRIP THROTTLE VALVE
125% MECH OVERSPEED TRIP
MUST BE LOCALLY RESET AFTER TRIP
CONTROL SIGNAL FROM TURBINE CONTROL
AUTO ISOLATION SIGNAL
MANUAL TRIP
PUMP SUCTION LOW PRESSURE
TURBINE EXHAUST HIGH PRESSURE
TURBINE CONTROL LOGIC REF. DWG. 5
FROM PUMP DISCH M-359 SHT. 2 (G-5)
FLOW CONTROLLER FC-91
RCIC ISOLATION RESET
TEST MODE SIGNAL GENERATOR (SPEED CONTROL)
TEST POWER
TURBINE TRIPPED
TURBINE BEARING OIL PRESSURE
H.P. BEARING OIL TEMP. (GOVERNOR SIDE)
L.P. BEARING OIL TEMP. (COUPLING SIDE)
GOVERNOR BEARING
COUPLING BEARING
TURBINE SPEED
SPARE
DC/AC INVERTER
OPEN ON REACTOR LOW LEVEL OR MANUAL INITIATION
CLOSE WHEN MO-131 IS CLOSED
CONDENSATE PUMP STARTS ON HIGH VAC. TANK LEVEL
OPEN ON HIGH VAC. TANK LEVEL
CLOSE WHEN 13-131 OPENS M-364, SHT. 2 (E-3)
START ON LOW REACTOR LEVEL OR MANUAL INITIATION
FROM DRAIN POTS 1 & 2 M-364 SHT. 2 (C-5)
INSTR. AIR M-328 SHT. 33 (F-4)
NOTES:
1. THIS DRAWING INCLUDES THE FOLLOWING LICENSE RENEWAL SYSTEMS:
RC - REACTOR CORE ISOLATION COOLING
2. THIS DRAWING IS BASED ON P&ID M-360 SHEET 2 REV 52.
TABLE OF ADDITIONS & CHANGES
NO | DATE | DESCRIPTION | REV'D | DWN | CHK'D | APP'D
A | 8/97 | INITIAL ISSUE FOR LICENSE RENEWAL | CDC | KCK | KCK | KCK
THIS SHEET FOR UNIT 3 ONLY
MECHANICAL
LICENSE RENEWAL DRAWING
R.C.I.C. PUMP TURBINE DETAILS
PEACH BOTTOM APS UNITS 2 & 3
EXELON
SHEET 2 OF
LR-M-360
A
CATEGORY A1
LR-M-360 (SHT.2)
D-64