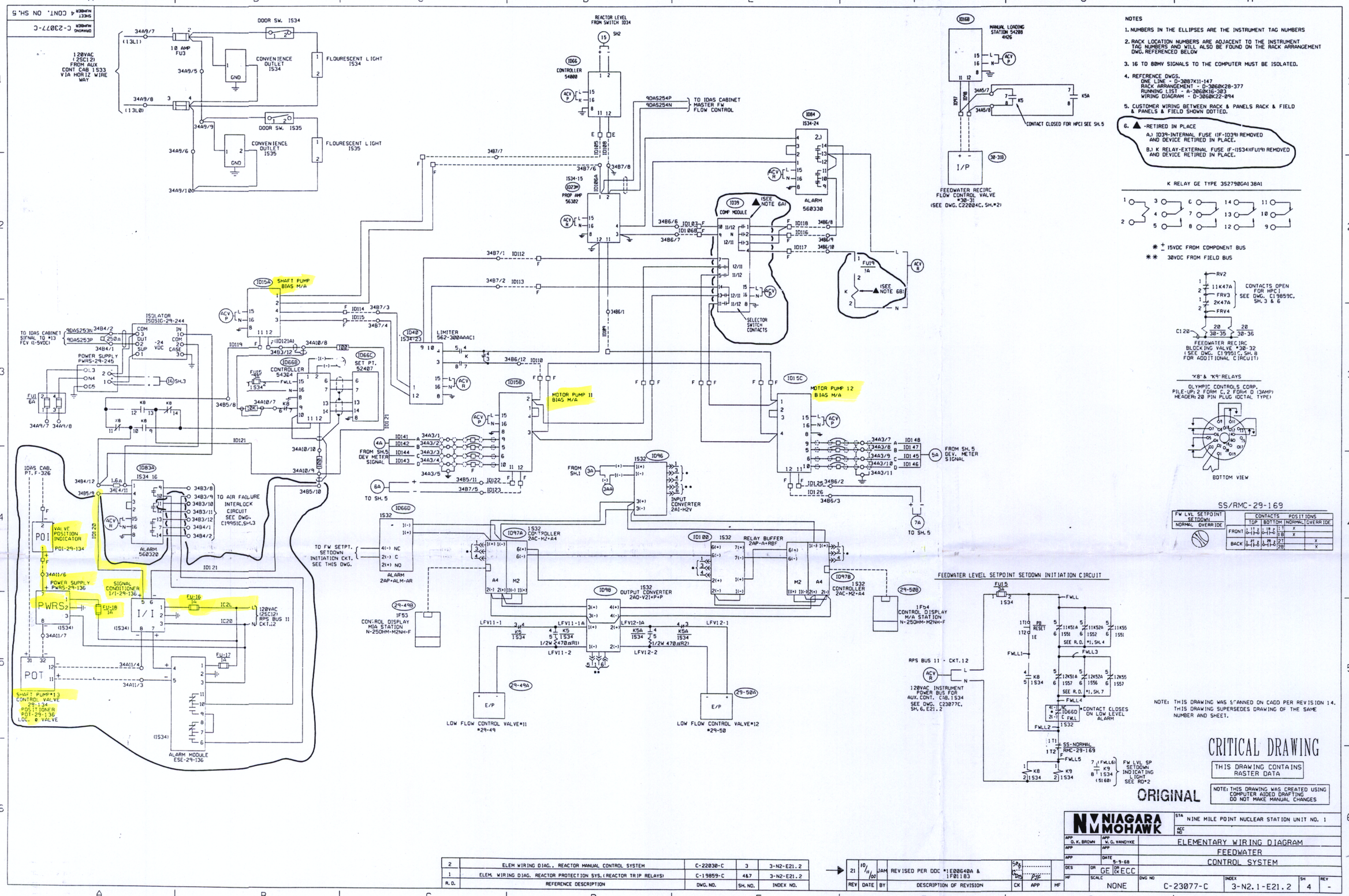
DOOR SW. 1S34
DOOR SW. 1S35
120VAC (25C12) FROM AUX CONT CAB 1S33 VIA HORIZ WIRE WAY
10 AMP FU3
CONVENIENCE OUTLET 1S34
CONVENIENCE OUTLET 1S35
FLOURESCENT LIGHT 1S34
FLOURESCENT LIGHT 1S35
REACTOR LEVEL FROM SWITCH 1D34
CONTROLLER 54000
TO 1DAS CABINET MASTER FW FLOW CONTROL
PROP AMP 56302
COMP MODULE
SELECTOR SWITCH CONTACTS
ALARM 560330
MANUAL LOADING STATION 54200 4H26
FEEDWATER RECIRC FLOW CONTROL VALVE #30-31 (SEE DWG. C22004C, SH.#2)
CONTACT CLOSED FOR HPCI SEE SH.5
SHAFT PUMP BIAS M/A
ISOLATOR ISOSIG-29-244
TO 1DAS CABINET SIGNAL TO #13 FCV (1-5VDC)
POWER SUPPLY PWRS-29-245
CONTROLLER 54364
SET PT. 52407
LIMITER 562-300AAAC1
MOTOR PUMP 11 BIAS M/A
MOTOR PUMP 12 BIAS M/A
FROM SH.5 DEV METER SIGNAL
INPUT CONVERTER 2A1-H2V
TO SH. 5
1DAS CAB. PT. F-326
VALVE POSITION INDICATOR POI-29-134
TO AIR FAILURE INTERLOCK CIRCUIT SEE DWG. C19951C, SH.3
ALARM 560320
POWER SUPPLY PWRS-29-136
SIGNAL CONDITIONER I/I-29-136
120VAC (25C12) RPS BUS 11 CKT.12
SHAFT PUMP#13 CONTROL VALVE 29-134 POSITIONER POT-29-136 LOC. @ VALVE
ALARM MODULE ESE-29-136
TO FW SETPT. SETDOWN INITIATION CKT. SEE THIS DWG.
ALARM 2AP+ALM-AR
CONTROLLER 2AC-M2+A4
RELAY BUFFER 2AP-A+REF
OUTPUT CONVERTER 2AO-V2I+P+P
CONTROLLER 2AC-M2+A4
CONTROL DISPLAY M/A STATION N-250HM-M2NH-F
LOW FLOW CONTROL VALVE#11 #29-49
LOW FLOW CONTROL VALVE#12 #29-50
FEEDWATER LEVEL SETPOINT SETDOWN INITIATION CIRCUIT
RPS BUS 11 - CKT.12
120VAC INSTRUMENT POWER BUS FOR AUX. CONT. CAB.1S34 SEE DWG. C23077C, SH.6, E21.2
SS-NORMAL RMC-29-169
FW LVL SP SETDOWN INDICATING LIGHT SEE ADD#2
CONTACT CLOSES ON LOW LEVEL ALARM
NOTES
1. NUMBERS IN THE ELLIPSES ARE THE INSTRUMENT TAG NUMBERS
2. RACK LOCATION NUMBERS ARE ADJACENT TO THE INSTRUMENT TAG NUMBERS AND WILL ALSO BE FOUND ON THE RACK ARRANGEMENT DWG. REFERENCED BELOW
3. 16 TO 80MV SIGNALS TO THE COMPUTER MUST BE ISOLATED.
4. REFERENCE DWGS.
ONE LINE - D-3087K11-147
RACK ARRANGEMENT - D-3060K28-377
RUNNING LIST - A-3060K16-303
WIRING DIAGRAM - D-3060K22-094
5. CUSTOMER WIRING BETWEEN RACK & PANELS RACK & FIELD & PANELS & FIELD SHOWN DOTTED.
6. -RETIRED IN PLACE
A.) 1D39-INTERNAL FUSE (IF-1D39) REMOVED AND DEVICE RETIRED IN PLACE.
B.) K RELAY-EXTERNAL FUSE (F-1S34(FU19) REMOVED AND DEVICE RETIRED IN PLACE.
K RELAY GE TYPE 3S2790GA138A1
* ± 15VDC FROM COMPONENT BUS
** 30VDC FROM FIELD BUS
CONTACTS OPEN FOR HPCI SEE DWG. C19859C, SH. 3 & 6
FEEDWATER RECIRC BLOCKING VALVE #30-32 (SEE DWG. C19951C, SH.8 FOR ADDITIONAL CIRCUIT)
"K8" & "K9" RELAYS
OLYMPIC CONTROLS CORP. PILE-UP: 2 FORM C, 2 FORM D (3AMP) HEADER: 20 PIN PLUG (OCTAL TYPE)
BOTTOM VIEW
SS/RMC-29-169
FW LVL SETPOINT SETDOWN
NORMAL OVERRIDE
CRITICAL DRAWING
THIS DRAWING CONTAINS RASTER DATA
ORIGINAL
NOTE: THIS DRAWING WAS CREATED USING COMPUTER AIDED DRAFTING DO NOT MAKE MANUAL CHANGES
NOTE: THIS DRAWING WAS SCANNED ON CADD PER REVISION 14. THIS DRAWING SUPERSEDES DRAWING OF THE SAME NUMBER AND SHEET.
NIAGARA MOHAWK
NINE MILE POINT NUCLEAR STATION UNIT NO. 1
ELEMENTARY WIRING DIAGRAM
FEEDWATER
CONTROL SYSTEM
G. K. BROWN
W. G. VANDYKE
5-9-68
GE
ECC
NONE
C-23077-C
3-N2.1-E21.2
4
-
H CONT. ON SH.5
DRAWING NUMBER C-23077-C
SHEET NUMBER 4 CONT. ON SH.5
2 ELEM WIRING DIAG., REACTOR MANUAL CONTROL SYSTEM C-22030-C 3 3-N2-E21.2
1 ELEM. WIRING DIAG. REACTOR PROTECTION SYS. (REACTOR TRIP RELAYS) C-19859-C 4&7 3-N2-E21.2
R.D. REFERENCE DESCRIPTION DWG. NO. SH. NO. INDEX NO.
21 10/1/00 JAM REVISED PER DDC #1E00640A & 1F01183
REV DATE BY DESCRIPTION OF REVISION CK APP MF

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