

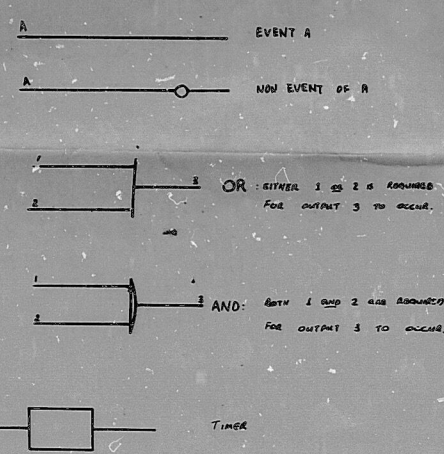
APPROACH AND DEPART
APPROACH AND DEPART
APPROACH AND DEPART

Test starts and runs when proximity switch closes metal.
Resets upon absence of metal and photoeye completing circuit.

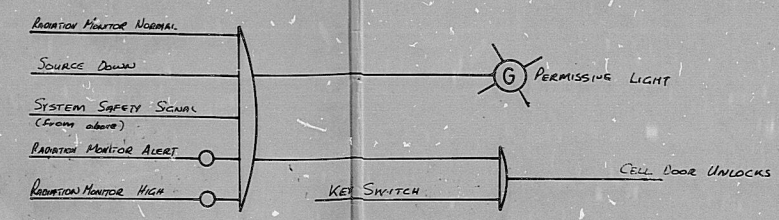
Approach And Switch Signal
Depart And Switch Signal
Upper Photo Eye Blocked
Lower Photo Eye Blocked

NOTE: The upper and lower conveyor faults have the same interlocking logic sequence (shown here for the lower conveyor fault).

KEY



Cell Entry Interlock (REV. 1)



Safety Alarm Signal
Stop Signal
Source Down
Cell Barrier Interlock

Exposure Timer Cycle Signal
Conveyor Position Normal
Conveyor Position Manual
Exposure Timer Cycle Signal

Source Down
Alert Level Radiation
High Level Radiation

Radiation Monitor Normal

Cycle Counter = 0

Source Up - Right Limit
Source Up - Left Limit
Source Down

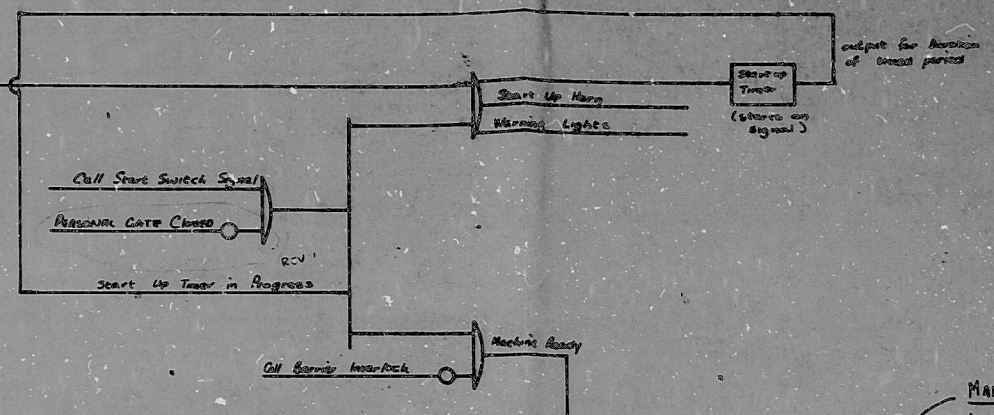
High Temp. In Cell

Low Air Pressure For Hoist

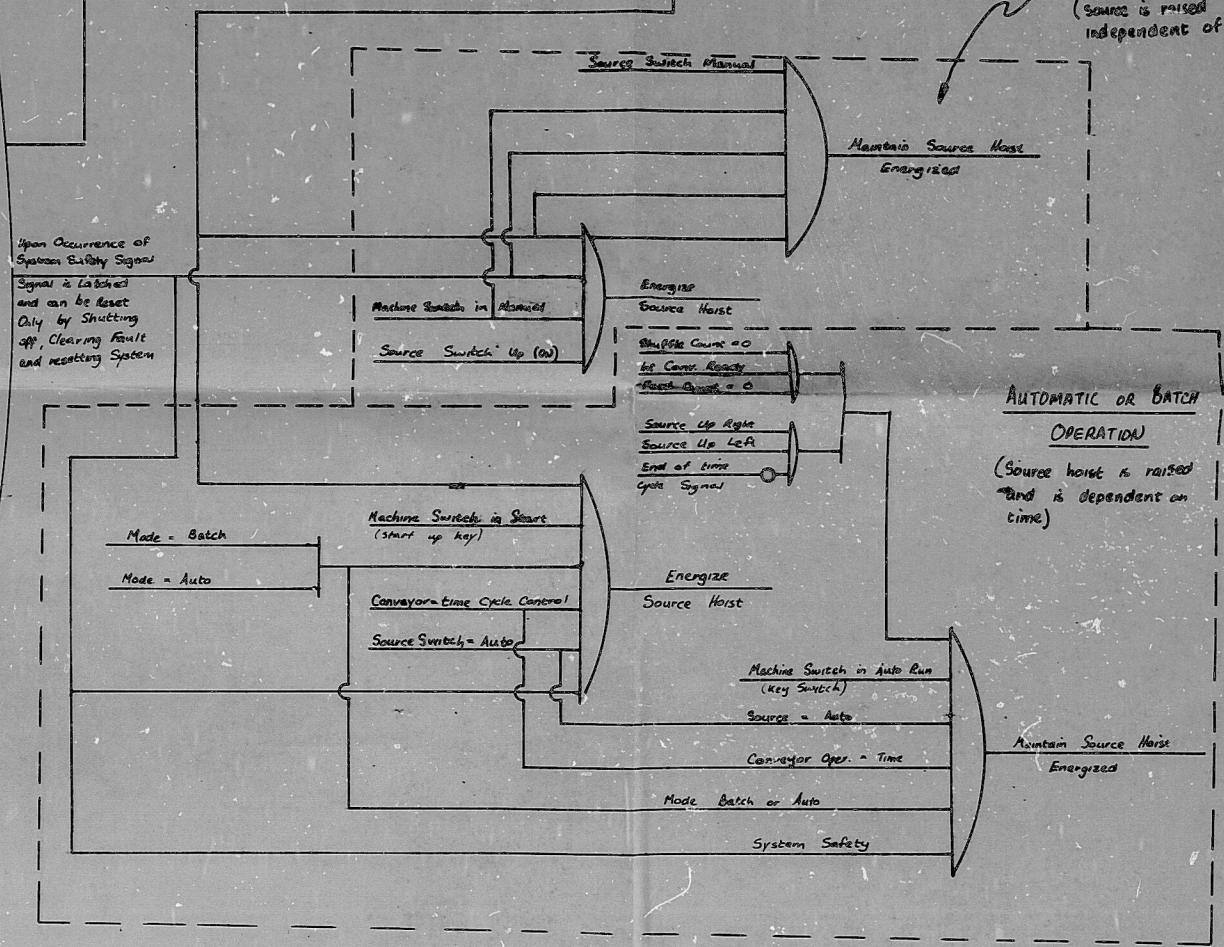
Start/Run
Stop/Reset
Timer
(Output Only If Timer Times Out Before Stop/Reset Signal)

Source Up/Down Timer
(Output Only If Timer Times Out Before Loss of Signal)

Upon Occurrence of System Safety Signal Signal is Latched and can be Reset Only by Shutting Off, Clearing Fault and Restarting System



MANUAL OPERATION
(Source is raised independent of time)



AUTOMATIC OR BATCH OPERATION
(Source hoist is raised and is dependent on time)

TI
APERTURE
CARD

8610070531

RADIATION TECHNOLOGY, INC.		
SCALE:	APPROVED BY:	DRAWN BY:
DATE: 8-11-86	Robert J. Cockrell	C. Bennett
Rockaway Facility System Safety Logic		
Diagram		ROOMJ-1

REVISION # 1
AUGUST 9, 1986
CEAC BARRETT

PDR RIDS

8610070531

