Hall A Dipole PLC Project Status

June 12, 2019

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1. Updated Logic on PLC for some Interlocks
    - 1.1. Jack found that some of the wiring was incorrect prior to going to the PLC
        - 1.1.1. The signals are (+) Lead Flow, (-) Lead Flow, and Quench
    - 1.2. After Jack corrected them the PLC code needed to be inverted
        - 1.2.1. Previously a Boolean 0 would indicated a good status, now it is a 1
2. Tidying up the code some
    - 2.1. After trying to verify the PLC operations found that instead of using the *_Status tag the code was using the input channel, made cross referencing tags much more difficult.
        - 2.1.1. Changed those so the input is only read once and thereafter the Status tag is used.