

REACTIVE CHEMICALS SELF EVALUATION

SUBJECT: Scenarios

SUMMARY: MOD programming has been done for many possible scenarios. Trips are programmed when operating parameters go out of prescribed ranges. Equipment maintenance schedules are to prevent catastrophic losses.

IMPROVEMENTS: Shutdown logic written and tested.

STRENGTHS: MOD V control and trip logic work to eliminate the possibility of EDC reactors going chlorine rich or per/tet reactor going hydrocarbon rich and will shut down the entire plant for loss of air, power or cooling water.

OPPORTUNITIES: Loss of N2 upsets levels, etc , alarms on low pressure but does not generate shut downs.