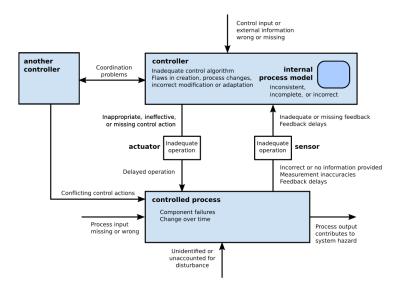
Control Loop With Causal Factors

This diagram shows common flaws in a control loop, or causal factors, that might contribute to the controller misapplying an action or failing to take an action it should have, which we identify as an unsafe control action if it results in a hazard. We use this diagram to guide our brainstorming about why each unsafe control action might occur, identifying causal scenarios we can design features to prevent.



[Based on a diagram from Engineering A Safer World p.223]