Common Sense Approaches to Inherently Safer System Design

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ABSTRACT

The author presents common sense examples of inherently safer system design from a broad range of industrial processes. Famous chemical accidents, as well as common industry examples, will be presented and discussed. An attempt is made to identify the initiating factors that lead to each safer system to develop systematic techniques for the identification of future safer systems. The paper looks at hurdles and roadblocks that prevent inherently safer system design and ways to overcome these obstacles in the workplace and within the corporate culture.