Safely Managing the Design and Use of Automated and Adaptive Control Systems

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Automated control systems provide immeasurable benefit however, at a cost if humans are not actively engaged (i.e. skill, knowledge, and decision-making capability losses). This paper’s purpose is to raise awareness of problems with automation and ask human factors and safety professionals to contribute to the design process and help safely guide automation’s expansion without robbing the system of valuable human input. An understanding of human response is part of this picture.

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