## Accepted Manuscript

Getting resilience into safety programs using simple tools - a research background and practical implementation

Linda J. Bellamy, Monique Chambon, Viola van Guldener

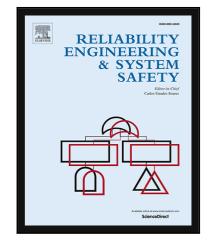
PII:S0951-8320(17)30581-1DOI:10.1016/j.ress.2017.12.005Reference:RESS 6025

To appear in: Reliability Engineering and System Safety

Received date:15 May 2017Revised date:3 December 2017Accepted date:10 December 2017

Please cite this article as: Linda J. Bellamy, Monique Chambon, Viola van Guldener, Getting resilience into safety programs using simple tools - a research background and practical implementation, *Reliability Engineering and System Safety* (2017), doi: 10.1016/j.ress.2017.12.005

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



## Highlights

- Resilience in decision making is defined as the reduction of uncertainty
- Resilience literature relating to safety is reviewed
- The difference between normative and resilient safety is explained in an Uncertainty X Time quadrants model
- Resilient recovery from deviations and successful decision outcomes are represented in a success
  bow-tie
- The research is implemented as a serious game for resilience training in resolving safety decision dilemmas
- The training tools are a set of cards and a five step process, which are described

AMANA

Download English Version:

## https://daneshyari.com/en/article/7195257

Download Persian Version:

https://daneshyari.com/article/7195257

Daneshyari.com