## **Accepted Manuscript**

An extended BEPU approach integrating probabilistic assumptions on the availability of safety systems in deterministic safety analyses

S. Martorell, F. Sánchez-Sáez, J.F. Villanueva, S. Carlos

PII: S0951-8320(17)30357-5 DOI: 10.1016/j.ress.2017.06.020

Reference: RESS 5887

To appear in: Reliability Engineering and System Safety

Received date: 25 March 2017 Revised date: 16 June 2017 Accepted date: 18 June 2017



Please cite this article as: S. Martorell, F. Sánchez-Sáez, J.F. Villanueva, S. Carlos, An extended BEPU approach integrating probabilistic assumptions on the availability of safety systems in deterministic safety analyses, *Reliability Engineering and System Safety* (2017), doi: 10.1016/j.ress.2017.06.020

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**

- Option 4 Deterministic Safety Analysis
- Best Estimate Plus Uncertainty (BEPU) methodology
- Extended BEPU
- Realistic safety systems configurations
- PSA-based configurations



## Download English Version:

## https://daneshyari.com/en/article/5019501

Download Persian Version:

https://daneshyari.com/article/5019501

<u>Daneshyari.com</u>