

New Webinar Software FTA & FMEA

Over the past year, several readers have requested this webinar.

The first offering is to be May 20.

Please check our web site for further details.

By the way, this presentation discusses derivation of probabilities of software failure.

SFMECA

Last month we asked "How might you respond in a proposal if the SOW requires SFMECA per MIL-STD-1629A"?

No one responded to this one.

The answer is that it simply cannot be done. The CA technique, described in MIL-STD-1629A, was never intended to be applied to software nor is it possible. Unfortunately, this does not prevent uninformed clients from specifying this within their SOWs.

Pending Courses

- System Safety
 - June 14-18
 - Free MS ACCESS Hazard Tracking Database Included
- Hands-On FTA
 - June 23-24
- e-mail Karl Lindberg at klindberg@hcrq.com **asap** if you wish to register

Formal Methods

Last month we polled our readership in an attempt to determine how wide spread the use of formal specification methods (e.g., VDM, Z, CSP, HOL, LOTOS, CCS) is.

No one responded, perhaps because our sample size was not sufficiently large.

During our consulting and training efforts, here in the U.S., we made it a habit to poll our clients on this and other issues and it has been very rare when usage of formal methods has been indicated.

Many years ago, we used a method called "Program Function Tables" on the two Darlington Nuclear Reactor Shut Down Systems.

Software DALs

Last month we asked "What are the corresponding probabilities of failure for the DO-178B software Development Assurance Levels (DALs)"?

Haim Kuper provided us with the correct answer and provided substantiation. The answer is "there are none".

Free Webinar 2nd Offering

Topic: System Safety: Where Are We?

Date: May 28

Time: 11:00AM EST

Duration: 1 hour

To Register: e-mail Karl Lindberg at klindberg@hcrq.com

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