

**From:** Shannon Marie Rohrer <srmarie@nuc.berkeley.edu>  
**To:** Michael Cheok <MCC2@nrc.gov>  
**Date:** Mon, Apr 17, 2000 5:43 PM  
**Subject:** Re: Draft Final Technical Study of Spent Fuel Pool AccidentRisk at Decommissioning Nuclear Power Plants

Please send me the updated info. as soon as possible. I will look for my calculations and get back to you with the specifics.

Thank You,

Shannon M. Rohrer

At 04:51 PM 4/17/00 -0400, you wrote:

>Shannon:

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>I am replying to your e-mail concerning the draft study on Spent Fuel Pool  
>Accident Risks. We are aware that, in the draft report, there are some  
>transcription errors in the description of the basic event data values and  
>the event tree sequence frequencies. These errors will be corrected  
>before the report is issued in final form. However, in the meantime, we  
>will be glad to provide you with the updated numbers. Also, to ensure  
>that we have caught all the errors, please e-mail me back with a more  
>detailed description of your findings and comments. If you prefer, I can  
>also be reached by phone at 301-415-8380. (Alternately, you can e-mail me  
>your phone number, and a preferred time to call, and I will call you back).

>

>Thank You.

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>Mike Cheok  
>NRC/NRR/DSSA/SPSB  
>e-mail: mcc2@nrc.gov  
>phone: 301-415-8380

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> >>> Shannon M. Rohrer <srmarie@nuc.berkeley.edu> 03/15 3:22 PM >>>  
>Comments: I am using some information from this report for my Master's  
>project. In order to better understand it, I used the failure  
>probabilities from the report in the the fault trees and calculated  
>probabilities for input to event trees, and then calculated frequencies  
>for those trees. I did this for the internal fire and loss of spent fuel  
>pool cooling initiating events. My results matched for some sequences and  
>were off by 1 to 2 orders of magnitude for others, I double checked my  
>results. I also found several places in the report that refer to  
>uncovering the core, when it is clear that the authors mean to say  
>uncovering the fuel.

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>Submit2: Submit comments

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