

From: Michael Cheok, *NRC*
To: "srmarie@nuc.berkeley.edu"@GATED.nrcsmtp *S. Rohrer, NUC Berkeley*
Date: Mon, Apr 17, 2000 4:51 PM
Subject: Re: Draft Final Technical Study of Spent Fuel Pool Accident Risk at Decommissioning Nuclear Power Plants

Shannon:

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.

Mike Cheok
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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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CC: Hubbard, George, Kelly, Glenn, Rubin, Mark

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