

From: Goutam Bagchi, *NRL*
To: INTERNET:tomusafa@aol.com *Tom O'Hara, Duke Engineering*
Date: Tue, Aug 29, 2000 2:40 PM
Subject: Re: Ilnl figure

Tom,

You are always so responsible and timely! I am grateful. We also produced the same plot from the spread sheet. I really need to understand the headings of the different columns. Column # 7 is half of the maximum of the spectral values at 2.5, 5, 10 Hz, Column # 8 is EPRI spectral ordinate at some Hz (PGA value ?). I need to understand this answer. Also, it looks as though your plot is Column # 7 values arranged from the lowest to the highest, whereas we need the probability of failure of the pool structures. There is a lot of short hand meanings to the columns of numbers. May be you are using the simplification that the prob of failure is 0.5XProb of exceeding spectral acceleration of 1.784 g(?)! Then the use of Column #8 with A-mean and G-mean does make sense to me. Please get back to me on this.

Do not feel frustrated on the hazard. We have a better understanding of the hazard and are a lot closer in result than you are giving yourself credit for.

Thank you,
Goutam
301-415-3305

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>>> <Tomusafa@aol.com> 08/29 11:57 AM >>>

Goutam - Here is the LLNL figure that you requested. I have inserted it into a Word document so that you can readily print it out. I hope this is what you wanted. Do not hesitate to call if there is anything else that I can provide you.

Tom O'Hara

CC: George Hubbard, Robert Rothman

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