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Gentlemen:

I am sending to each of you a copy of Downes' and Singer's paper, "A Numerical Method for Reactor Site Evaluation from the Hazard-to-People Viewpoint" because I personally am having some difficulty in evaluating the presentation and organization of this paper and would like to have your frank comments. I have the impression that the contents of this paper are worthwhile, but somehow I feel that the presentation is made in such a way that the reader is left completely confused with what the initial assumptions are, the relevance of various component parts of the calculation and the significance of the results. For example, the authors indicate that the "hazard index" for BNL is 4.3×10^{4}. What does this mean? Is it good or bad? What ranges of hazard index might one attain and how would one judge what these numbers mean?

Your comments and suggestions on this paper would be appreciated. Please return the report with your comments.

Sincerely yours,

Clifford K. Beck
Scientific Advisor to the Director
Division of Licensing and Regulation

Enclosure:
Paper - title as above

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