

***Interactive comment on “Global risk of radioactive fallout after nuclear reactor accidents” by J. Lelieveld et al.***

**Anonymous Referee #1**

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This is spectacular paper, with new, important results. It will certainly make a splash and influence policy. I live on the East Coast of the US, and it makes me want to move.

While the results depend on the model used and the assumptions made, it is a state-of-the-art model and the assumptions are well-explained and reasonable. I am sure other groups will copy this project and attempt to see how well it is replicated, and I look forward to their studies.

I recommend publication after addressing the minor corrections noted in the attached annotated manuscript.

Please also note the supplement to this comment:

C13483

<http://www.atmos-chem-phys-discuss.net/11/C13483/2011/acpd-11-C13483-2011-supplement.pdf>

Interactive comment on Atmos. Chem. Phys. Discuss., 11, 31207, 2011.