

Medema

20 July 94

Dr. Jan Medema
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Dear Jan,

Here is the current (30 June) draft of my MS on Sverdlovsk for your interest, plus several items generated by discussion with Clyde Replogle and Tom Collins regarding estimates of source strength and related matters.

Needless to say, your criticisms and comments would be most welcome.

Jan, may I ask you to run your atmospheric dispersion model and send me the printout for stability "D", 10 m release height, 5 m/sec wind velocity, and no mixing layer, deposition, and decay? I would like to verify my own calculations for those parameters in detail. I understand that your model may be a little different from the one I used. If so, so much the better.

What do you think about static versus dynamic aerosols and the possible adjuvant effect of downwind travel. Important to think about for downwind hazard estimates. (Of course the best thing is just not to be downwind of an anthrax source.)

When will you be near here again? I have no present plan to visit the Hague but when I do I will shamelessly ask for an invitation to give a talk about anthrax at TNO.

Best regards,

Matthew Meselson