

**From:** Jason Schaperow *JRES*  
**To:** internet:jjgrego@sandia.gov  
**Date:** Mon, Jun 28, 1999 2:13 PM  
**Subject:** User Assistance

I used the following input files which are attached to this e-mail message:

atmos: atmos7b.inp  
early: early299.inp  
chronc: chmc1\_n.inp  
site: sursit.inp  
met: metsur.inp

I got the following results for 0-100 miles:  
47,700 Sv and 2,460 cancer fatalities (atmos7b.inp)  
45,600 Sv and 2,220 cancer fatalities (atmos7b.inp with Cs-134 inventory set to 0 Bq)

I got the following results for 0-500 miles:  
571,000 Sv and 25,800 cancer fatalities (atmos7b.inp)  
685,000 Sv and 30,600 cancer fatalities (atmos7b.inp with Cs-134 inventory set to 0 Bq)

I would certainly appreciate any assistance you can give me to figure out why the code is getting 20% higher doses and cancer fatalities for 0-500 miles. Thank you.

Sincerely,  
Jason Schaperow

**CC:** Cgt

*6/29/99 at 1:30 pm: I called Gregory. She said she was writing an e-mail to me on this and the reason for the unusual behavior is the 4 rem long-term relocation criterion.*

*6/29/99*