

From: Jason Schaperow *JES*
To: internet:jgrego@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 ^① she was writing an e-mail to me on this and ^② the reason for the unusual behavior is the 4 rem long-term relocation criterion.

*92
C/98*