

A June 2007 draft revision was prepared for review, but was made moot by Boeing's release of previously withheld wind data. Analysis of that data is awaiting completion of other projects.

In the June, 2007 Revision, I tried to clarify issues, and to answer questions raised by Boeing and its consultants. I also made quantitative changes to the report that resulted from adding additional Boeing consultants to the set of experts used to develop a likelihood distribution for the release magnitude. When these changes were combined with newly identified soil measurements, the quantitative scoping calculations I made of projected health effects had to be adjusted. The upper 95%-confidence value dropped by about a factor of 4.

Subsequent to preparation of the 2007 revision, Boeing released 1959 meteorological (met) data. Preliminary review of the met data suggests that the upper 95%-confidence value will drop still further, when met data is incorporated. Revisions to expert assessments is likely to reduce the upper 95%-confidence value still more, although the possibility of a second (earlier?) accident has been raised to account for excess strontium found in the coolant— a possibility that will complicate the analysis.

Jan Beyea, 8/20/2009