

From: Donald Cool ^{-NMSS}
 To: Landau, Mindy; Matthews, David ^{-EDD}
 Date: 10/9/01 4:06PM
 Subject: Re: Suggestions from Carl Paperiello ^{-NRR}

Dave, Mindy:

I also got word that Carl was asking these questions. The rationale, as I understand it, is that the codes allow someone to calculate possible effects of different quantities and concentrations, and are therefore potentially useful in knowing what kinds of material are useful, or not so useful.

HOTSPOT, as I understand it, is a DOE code available from one or more DOE or DOE lab websites. We have a copy or two here in my staff, and have used it in looking at possible doses following a dispersal. We would need to suggest to the appropriate folks in DOE that they consider whether it is appropriate to remove.

RASCAL is an NRC code, developed primarily for support in the Op Center. The latest version has some facility specific information I am told. I don't know this for myself directly. The right folks to ask are IRO, Steve McGuire. It is dispersion code, used for calculating plume doses following a release. In the same light as HOTSPOT, it could conceivably be used to calculate possible effects, and therefore assist in making decisions on types or amounts of material.

Both of these are, I believe, a bit further from direct usefulness than some of the other things I have heard of. I would suggest that if we go to this level, then there may be a lot of other calculational tools out there that could have the same arguments made for them.

I offer these thoughts to try and help.

DACool

>>> David Matthews 10/09/01 03:39PM >>>
Mindy,

Carl handed a note to Glenn Tracy this am. He suggested that the "team" reviewing Web info consider the removal of two "codes" off the Web: Rascal 3.0 and HOT SPOT (DOE code re Dispersion). I have no personal knowledge of this info--however I can't see how a computer code would be of much use in planning or executing an attack, unlike the earlier stuff we had suggested removing because of its plant-specific information. Maybe someone in NMSS might have a view.
David

CC: Brown, Frederick; Hickey, John; Rathbun, Patricia; Virgilio, Martin

Given to Glenn Tracy to examine

Call Andy Botes

apply current exemptions; NO new interps.

TT-4

FOIA Branch not showing out at this time

- ODO CONCURRENCE 29

*NMSS
Jed*

NRR

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