

## Re: Activist cranks oppose the mission

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*Source:* <http://sci.tech--archive.net/Archive/sci.astro.amateur/2006-01/msg01735.html>

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- *From:* "AustinMN" <[tacooper260@xxxxxxxxxxx](mailto:tacooper260@xxxxxxxxxxx)>
  - *Date:* 19 Jan 2006 10:03:31 -0800
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Chris L Peterson wrote:

> On 19 Jan 2006 06:14:21 -0800, "AustinMN" <[tacooper260@xxxxxxxxxxx](mailto:tacooper260@xxxxxxxxxxx)>  
> wrote:  
>  
>>The lie in all this is that it assumes an accident will scatter highly  
>>fractured plutonium in all directions. Far more likely is that the  
>>reactor would come down intact, in one piece, or possibly 18 pieces.  
>  
> Lie? The complete analysis assumes a worse case scenario, which is that  
> the plutonium is converted to dust in the atmosphere. It also recognizes  
> that the probability of that is extremely low, with your scenario being  
> far more likely.

I figured NASA had looked at it that way; the article (taken in it's own context) makes it look like there is a 1/350 chance of having to spend 1.3 billion dollars per square mile.

One in 350 is far from extremely low.

Austin

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- *Follow-Ups:*

- ◆ ***Re: Activist cranks oppose the mission***  
◇ *From:* Chris L Peterson

- *References:*

- ◆ ***Activist cranks oppose the mission***  
◇ *From:* Rich
- ◆ ***Re: Activist cranks oppose the mission***  
◇ *From:* AustinMN
- ◆ ***Re: Activist cranks oppose the mission***  
◇ *From:* Chris L Peterson

- Prev by Date: ***DUSTY PLANETARY DISKS AROUND TWO NEARBY STARS RESEMBLE OUR KUIPER BELT (STsci-PRC06-05)***

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