

**From:** [Snyder, Amy](mailto:Snyder_Amy)  
**To:** "Mellon, Andrea L (NYSERDA)"  
**Subject:** FW: RE: Clarification Question Regarding  
**Date:** Monday, June 04, 2018 6:25:42 AM  
**Attachments:** [image001.png](#)  
[image002.png](#)

Hi Andrea,

NYSERDA requested a clarification call on our independent review of NYSERDA's Radiological Survey and Dose Assessment Report. The call was held on May 30, 2018. During the call, NYSERDA asked for specific examples with regard to what appeared to the staff as discrepancies in NYSERDA's model documentation and simulations – as documented in the staff's TER of NYSERDA's Radiological Survey and Dose Assessment Report. Please see clarification notes below that provide specific examples. A copy of this email will be placed in ADAMS (publicly available) under the docket 50-201.

If you have any questions, please contact me.

Thank you  
A

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**From:** Barr, Cynthia  
**Sent:** Thursday, May 31, 2018 9:40 AM  
**To:** Snyder, Amy <Amy.Snyder@nrc.gov>  
**Cc:** Chapman, Gregory <Gregory.Chapman@nrc.gov>  
**Subject:** FW: RE: Clarification Question Regarding

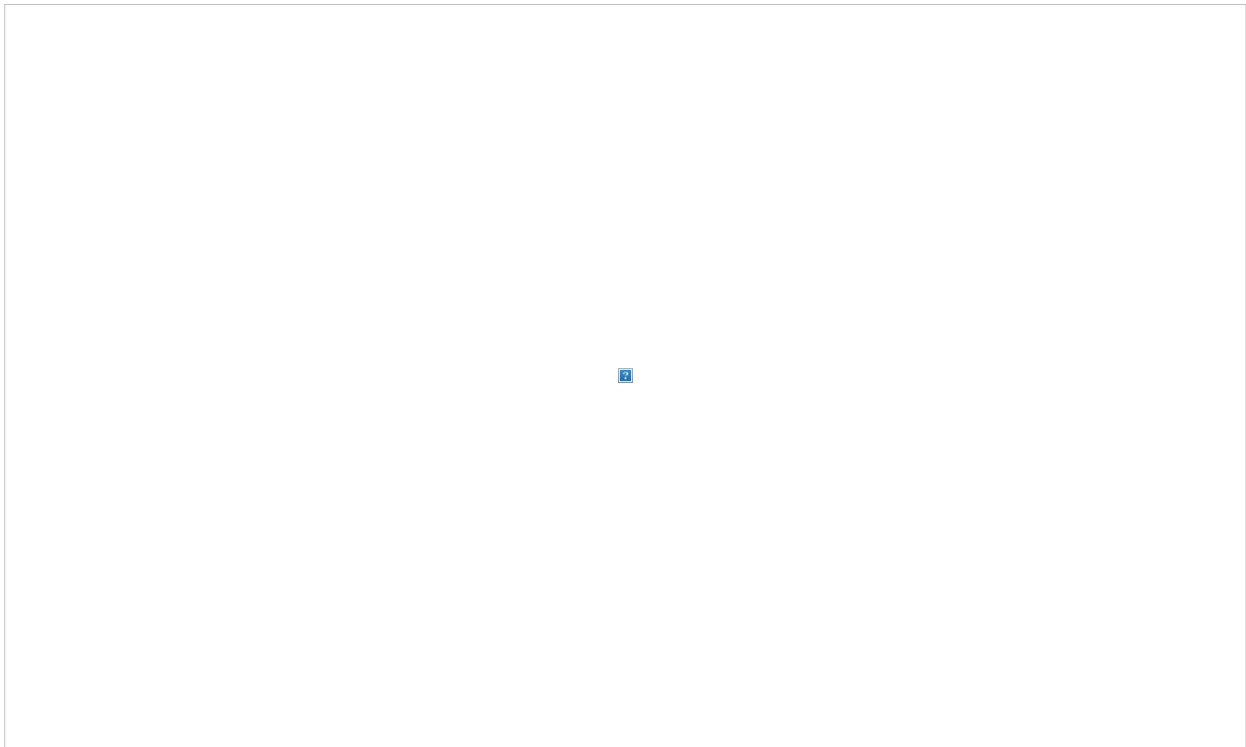
Hi Amy:

We discussed discrepancies in model documentation and simulations documented in the staff's TER with NYSERDA and its contractors yesterday. I wanted to provide specific examples to clarify. For example, in Appendix H6, the consumption rates for fruits/nonleafy and leafy vegetables for Area 4 are listed as 165 kg/yr and 118 kg/yr, respectively (see screen shot below), which is consistent with Appendix D survey data from SNI (see page 17). The same statement applies for Appendix H7 for Area 5 as well. Appendix H6 and Appendix H7 document RESRAD OFFSITE input parameters which differ from RESRAD OFFSITE defaults. However, the actual RESRAD OFFSITE simulations for Areas 4 and 5 appear to use values of 82.6 (fruits/non-leafy) and 59 (leafy) kg/yr (see example screen shot below).

So the values used in the simulations do not appear to be consistent with Appendix D (page 17) survey data provided by SNI and the values listed in Appendix H6 and H7. It was unclear in the documentation if this was intentional (e.g., assumed that 50 percent of the fruits and vegetables came from non-contaminated sources).

Let me know if this clears the comments up, or if NYSERDA needs additional information.

Thanks,  
Cynthia



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**From:** Mellon, Andrea L (NYSERDA) [<mailto:Andrea.Mellon@nyserda.ny.gov>]  
**Sent:** Wednesday, May 30, 2018 2:30 PM  
**To:** Barr, Cynthia <[Cynthia.Barr@nrc.gov](mailto:Cynthia.Barr@nrc.gov)>  
**Cc:** Snyder, Amy <[Amy.Snyder@nrc.gov](mailto:Amy.Snyder@nrc.gov)>; Bembia, Paul J (NYSERDA) <[Paul.Bembia@nyserda.ny.gov](mailto:Paul.Bembia@nyserda.ny.gov)>; Coble, Douglas W (NYSERDA) <[Douglas.Coble@nyserda.ny.gov](mailto:Douglas.Coble@nyserda.ny.gov)>; Mutty Sharfi ([msharfi@miwcorp.com](mailto:msharfi@miwcorp.com)) <[msharfi@miwcorp.com](mailto:msharfi@miwcorp.com)>; Louis Henry <[lhenry@miwcorp.com](mailto:lhenry@miwcorp.com)>  
**Subject:** [External\_Sender] RE: Clarification Question Regarding

Thank you, Cynthia for your assistance with our revision to the Radiological Survey and Dose Assessment Report. We appreciate your time and assistance in clarifying the consumption rates used in the report.

Thanks again,  
Andrea

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