

**From:** [Liu, Tilda](#)  
**To:** [Davis, J.Michael](#)  
**Cc:** [Weaver, Tracy](#)  
**Subject:** Supplement info for Duane Arnold Exemption Request  
**Date:** Tuesday, January 04, 2022 1:43:00 PM

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Hi Mike,

A supplement to correct the information is needed as we will cite this information in the SER.

Tilda

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**From:** Davis, J.Michael <J.Michael.Davis@nexteraenergy.com>  
**Sent:** Tuesday, January 04, 2022 1:05 PM  
**To:** Liu, Tilda <Tilda.Liu@nrc.gov>  
**Cc:** Weaver, Tracy <Tracy.Weaver@nexteraenergy.com>  
**Subject:** [External\_Sender] RE: Status and Query - Duane Arnold Exemption Request

Tilda,

Our vendor has reviewed the question you posed regarding weights on Page 5 and concurs that there was a mathematical error. The sentence should state as follows:

In addition, DAEC commits that at least two other fuel cells within the basket assembly adjacent to the FFC location will remain empty, to increase the available margin. This will further reduce the load on the basket assembly by about 1410 **1,352** lb. resulting in a net reduction of about 3,150 **3,092** lb. when combined with the lower maximum fuel assembly weight.

Can this be addressed in the SER or should we submit a supplement with the correction?

Mike

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**From:** Liu, Tilda <[Tilda.Liu@nrc.gov](#)>  
**Sent:** Tuesday, January 4, 2022 9:32 AM  
**To:** Davis, J.Michael <[J.Michael.Davis@nexteraenergy.com](#)>  
**Subject:** Status and Query - Duane Arnold Exemption Request

Hi Mike,

For the status update, the technical review on this exemption request is in good progress.

The technical staff noted that there appears to be an error on page 5 in the 3rd paragraph

of the request. Would the 1410 lb reduction be a 1352 lb reduction instead? The 1740 lb reduction, which was calculated in the 2nd paragraph, already accounted for all the fuel assemblies being reduced from 705 lb to 676 lb, including the two in paragraph 3. Hence, the 3rd paragraph calculation would be ( $2 \times 676 \text{ lb} = 1352 \text{ lb}$ ), not ( $2 \times 705 \text{ lb} = 1410 \text{ lb}$ ).

Let us know if a clarification call would be helpful to discuss the above. I can set a time up for this week.

Tilda

*Tilda Liu, Senior Project Manager*

Storage and Transportation Licensing Branch (STLB)

Division of Fuel Management (DFM)

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