From: Diana-M Wong
To: 'Lianne' Elizabeth Sheppard
Subject: Remaining Informaton Request
Date: 02/09/2012 06:50 PM

Lianne,

EPA has identified the remaining information requests. This includes a few items from the 3 Feb e-mail which they could not provide immediately, additional information on their 6 Feb memo, and new request from the mtg.

EPA team would like to make sure they have captured everything. A description of what they are getting together is attached below:

Our memorandum (6 Feb 20112) provided additional information on the exposure response modeling presented in chapter 5 and Appendix E of the External Review Draft of the Toxicological Review of Libby Amphibole Asbestos currently under review, in response to your request [email, 3 Feb2012, 4:25 PM]. As noted in that memo, we were not able to fulfill the third request at the time. Attachment 1 of this memo provides the model parameters, standard errors and p-values for the full cohort models shown in Table E-6 of the draft document, thus fulfilling this last request.

During discussion at the SAB meeting (6-8 Feb, 2012) it became apparent that you needed additional information regarding the Tables 1 and 2 attached to our memorandum (6 Feb 2012). Table 1 provided LPT prevalence by deciles of exposure for both the full and subcohorts analyzed from the OM Scott worker cohort. As requested we have added a column for mean TSFE for each decile of exposure to this table. This new table is provided as attachment 2 below.

Table 2 in our 6 Feb memo provided the prevalence of localized pleural thickening (LPT) by quintiles of exposure, and by quintiles of time since first exposure (TSFE). We now understand that you would like to this information cross-tabulated. Attachment 3 of this memo provides this cross-tabulation of the prevalence of LPT by quintiles of exposure, further stratified by quintiles of TSFE. It is important to note that this is not the information plotted in Figure E-2 discussed during the meeting.

The five exposure groups in Figure E-2 of the draft document are not based on quintiles of exposure, but rather a priori selected categories of exposure (See page E-16 of the Draft document.) Per discussion during the SAB panel meeting we are also providing the data plotted in Figure E-2 both by exposure and TSFE categories used in this Figure. This information is provided in Attachment 4 below.

Attachment 1: Supplemental modeling parameters for model-fitting for the full cohort analysis of the O.M. Scott workers cohort, Marysville, OH. These parameters augment the information presented in Table E-6 of the External Review Draft of the Toxicological Review of Libby Amphibole Asbestos.

Attachment 2: Prevalence of localized pleural thickening (LPT) by deciles of exposure for both the full and subcohorts analyzed from the OM Scott worker cohort.

Attachment 3: Prevalence of localized pleural thickening (LPT) by quintiles of exposure, and further stratified by quintiles of time since first exposure (TSFE).

Attachment 4: Prevalence of localized pleural thickening (LPT) for the exposure categories and TSFE categories plotted in Figure E-2 of the External Review Draft of the Toxicological Review of Libby Amphibole Asbestos.

Please review the description above and let me know if EPA has captured the data request correctly. Thanks.

Diana

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