Message

From: D'Amico, Louis [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=78A91F83C4414910BE286EFE02004DBC-D'AMICO, LOUIS J.]
Sent: 9/29/2016 11:34:16 PM
To: Laura Olah [info@cswab.org]
Subject: RE: RDX - any significant changes/findings?
Attachments: RDX_EPR_DRAFT_TOX_REVIEW.PDF; RDX_EPR_DRAFT_SUPPL_INFO.PDF; RDX_EPR_DRAFT_CHARGE.PDF; RDX SAB FRN_2016-23597.pdf

Dear Ms. Olah,

Thanks for your voicemail and email requesting information on the peer review draft of the RDX assessment, and how it compares to the public comment draft released by the Agency in March. For convenience, I've attached pdf copies of the peer review draft of the RDX assessment to this message.

A detailed summary of the public comments and EPA's disposition is available in Appendix E of the supplemental information to the assessment (also attached here). Although there were no quantitative changes between the public comment and peer review draft, changes were made to the text of the assessment taking into consideration written public comments as well as discussion at the public science meeting held in May 2016.

Consistent with the public comment draft, the peer review draft identifies that there are potential hazards to the nervous system, kidney/urogenital system, and male reproductive systems, and establishes organ-specific toxicity values (called a reference dose, or RfD for short) for each of those systems. The overall reference dose is still based on evidence for neurotoxicity. One change between the public comment and peer review draft is that we clarify that the nervous system effects (convulsions/seizures) on their own are considered a severe effect. We also added some text to the discussion on our understanding of how RDX leads to neurotoxicity, to address uncertainty in what might happen when looking at exposure to RDX over longer durations of time (chronic exposure scenarios).

Also consistent with the public comment draft, the peer review draft identifies that there is *suggestive evidence of carcinogenic potential*, and provides a quantitative estimate of the cancer risk, in this case an oral slope factor. One public commenter indicated that RDX should be considered *likely to be carcinogenic*. EPA's response to that letter is given in more detail in Appendix E of the supplemental information. Clarifying text addressing some of his points was added to the peer review draft. Additionally, there is a charge question to the independent peer review panel on whether EPA's interpretation of the available data support the conclusion of RDX as a suggestive carcinogen.

The next step for this assessment is review by the Science Advisory Board (SAB) Chemical Assessment Advisory Committee (CAAC), which provides independent peer review of the assessment. Today, the SAB announced the dates and times for the initial teleconference as well as the face-to-face peer review meeting, both of which are open to the public. The teleconference will be held Thursday, November 17, 2016 from 2:00-5:00PM EST. At the teleconference, the peer review panel will learn about the development of the draft assessment and discuss draft charge questions in advance of the face-to-face meeting. The formal face-to-face peer review will take place December 12-14, 2016 in the Washington, DC metro area. The public can participate in the SAB peer review process. More information on how to do that is available in the federal register notice attached to this email, and at www.epa.gov/sab. Any questions on the SAB peer review process would best be directed to the SAB; the designated federal officer for the review of the RDX assessment is Dr. Diana Wong (wong.diana-m@epa.gov).

I hope this information helps. If you have other questions, please feel free to contact me at damico.louis@epa.gov, or by phone at 703-347-0344.

Sincerely,

Lou D'Amico

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From: Laura Olah [mailto:info@cswab.org]
Sent: Wednesday, September 28, 2016 1:23 PM
To: D'Amico, Louis <DAmico.Louis@epa.gov>
Subject: RDX - any significant changes/findings?

Hi Louis,

Per my voice message today – here is my contact info.

Here is the referenced report:
https://cfpub.epa.gov/ncea/iris_drafts/recordisplay.cfm?deid=322480

Thank you!
Laura

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