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July 17, 2001

Ms. Annie Jarabek
National Center For Environmental Assessment
USEPA Catawba Building, Room 320
3210 Highway 54
Research Triangle Park, NC 27709

Dear Annie:

I will be sending you *via* Fed Ex the following items:

1) A copy of the supplemental report that I had prepared for TERA's consultants. This report contains the materials and methods, hard-copy printouts of thumbnails of the scanned sections, and a CD (inside of the back cover) that also contains these thumbnail images.
2) Six CD's containing the scanned images. Note that there are only three images/rat, even though more sections were examined. All measurements were taken within these three sections. The images on these three CD's should be used for any measurements that your staff should perform. I would suggest you consider performing areas measurements on the corpus callosum.
3) A seventh CD which contains images of the calibration grids used for the PND 10 and PND 22 rats. The distance between the squares is approximately 2.5 mm. For the PND 10 rats, the frame on the scanner was set for 4 squares down and 5 across. For the PND 22 rats, the frame was set at 5 down and 6across. If there should be any questions *re:* calibration, please give me a call.

Annie, I received from Joan a faxed image of the sagittal brain view present in one of the consultants reports and believe that this may be the image submitted by Douglas Whalston that you had referred to in your e-mail. I cannot tell where all of the lines are drawn due to the poor quality of the fax copy, but the angles of some are off (*e.g.* for the cerebellum and midbrain in particular. If Dr. Whalston's point was that the corpus callosum is highly variable in its thickness depending on level, I would heartily agree. (I have not seen his report.) Nevertheless, we have performed similar morphometric analyses on a substantial number of studies and have not seen this type of treatment-related pattern of CC enlargement before. Certainly, additional measurements such as areas may help to clarify the situation. I look forward to hearing from you re: any additional work that you may decide to perform on this interesting study. Please call if you should have any additional questions.

Sincerely,

Robert H. Garman, DVM
Diplomate, ACVP

Cc: **Ray York**
Joan Dollarhide

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