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Dr. Jose Gutierrez Lopez  
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Dear Jose:

It was good of you to take time out of your busy schedule to meet with me in Vienna. This letter will summarize the subjects we covered, and my understanding of information that is either now available or should be by the end of 1996.

1. You are now reassessing the amount of Pu distributed in the soil of Palomares. I can understand that this is not a simple task in view of the variability in the deposition and the difficulties imposed by differences in tilled and untilled soils as well as the hilly and rocky terrain. However this information will be valuable for the purpose of testing models that have been developed for purposes of risk assessment and certain of the special needs of the Department of Energy.

2. You are redoing the map that has been used in a number of project publications, and will be able to present a more complete description of the Pu distribution. It would be useful to show the distribution of Pu when you started the project for the purpose of comparison with the current distribution.

3. Data from the Anderson samplers are now available and will be sent to me. The information on particle size will be valuable to many investigators, and should be published as soon as you can arrange to do so.

4. You also indicated that more recent data from the air sampling program are available and can be sent to me. The last tabulation I have, with comparisons to other stations in N.Y. and (I believe) northern Italy did not go beyond 1987.

The last open literature publication I have from the Palomares project is Iranzo et al, Radiochimica Acta, 52/53 1991. If you have any more recent publications I would appreciate receiving a copy.

As I mentioned, I would also appreciate having the results of fission track analysis of urine from the Palomares residents. You told me that a group of samples were sent to Brookhaven for analysis but that you have not heard from Dr. Sun as yet. I will call him to determine their status.

I realize that I am asking for a considerable amount of information, and I hope you can make it available without too much effort. Since it has been while since the project has published an article in one of the professional journals, I would be very happy to see the results of the above requests for information appear in print. With all the current interest in environmental modelling and dose assessment, the work you are doing is of great interests to many scientists throughout the world.

I thank you in advance for any of the above information that can be made available to me. As you know I am anxious to have an up-to-date account of the Palomares research, and you can be assured that the information will be published in the 4th edition of my textbook with proper and full attribution to you and your staff

Sincerely,



cc: Dr. Helen Gallan ✓