

JUN 16 1972

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Dr. Thomas F. Mancuso
Department of Occupational Health
University of Pittsburgh
Pittsburgh, Pennsylvania 15213

Dear Dr. Mancuso:

This is to confirm and address further certain points of information and target dates that were discussed during the visit of Mr. Whitnah and myself with you in Pittsburgh on June 5, 1972.

We understand that:

1. Your principal immediate effort will be directed to developing results from the Hanford data. However, work relative to the Oak Ridge and Mound facilities will proceed to the extent that it does not interfere with the Hanford analyses.
2. You will use the services of Dr. Elston as a biostatistical consultant regularly in support of the analyses.
3. The various disability endpoints proposed repeatedly in the past will no longer be regarded as a potential part of this study but will be considered separately by the AEC upon completion of the study of mortality.
4. The discussion of the storage of records led to the following decisions:
 - (a) Records which are likely to be used in the near future at Oak Ridge, Mound Laboratory, National Lead Company and Rocky Flats will be retained locally.
 - (b) All other records pertinent to the study will be stored permanently at Federal Record Centers where they will be kept for later use.

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5. The request made of Dr. Snyder (in your letter of May 18, 1972) for committee consideration of modals and dosimetry of a number of internally deposited radionuclides will be narrowed for the present to isotopes of plutonium, americium and other elements of immediate relevance to the Hanford data.

6. The target dates for the following segments and results of the study as proposed by you on June 5 and revised during a subsequent telephone conversation are:

- (a) November 1, 1972 - comparison of Hanford employee and sibling populations by cause of death using presently available death information (results),
- (b) January 1, 1973 - completion of methodology for classification of employees according to level of radiation exposure,
- (c) November 1, 1973 - completion of master file of employees of AEC contractors and laboratories,
- (d) January 1, 1975 - life span and cause of death analyses on Hanford employees and siblings using an enlarged sibling control group (results),
- (e) March 1, 1975 - completion of lifetime employment radiation exposure records on Hanford employees,
- (1) August 1, 1976 - analysis of life span and cause of death for Hanford employees and siblings when employees are grouped according to radiation exposure level (results).

7. You do not wish to set target dates for the analysis of the Oak Ridge employee and sibling populations until you have gained additional experience in working with the Hanford data.

After discussion of the above matters, we raised certain objections to the A and B matched controls as now projected. The objections were based upon the failure to include socioeconomic factors among the matching factors. However, you pointed out that BSA found it impractical to include such factors. Finally, in response to our suggestion, you indicated that you will seek the opinions of epidemiologists as to whether meaningful results can be expected from the use of matched controls when matching is insufficient to provide an expectation of comparable endpoint values for the study and control groups.

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Dr. Thomas F. Mancuso

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Upon due consideration of the above target dates, the Division staff especially regards date (f) as unacceptable. An interval of eleven years from the inception of data collection to the initial appearance of results that relate to radiation exposure is considered excessive. It will also be necessary to advance dates (d) and (e). Unless an acceptable plan to expedite development of the necessary results is forthcoming by August 1, 1972, and a semi-annual report in a form acceptable to the Commission is submitted by June 30, 1972, the Division will be obliged to consider a change in the administration of the project.

Mr. Whitnah and I thank you for your hospitality during our visit. We look forward to receiving an early response to this letter.

Sincerely,

Sidney Marks, M.D.
Health Sciences Research
and Applications Branch
Division of Biomedical
and Environmental Research

bcc: Dr. Totter
Mr. DeRenzis, GM
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NOT a peer review
but a summary (DSEIR or
DSM originated)
include or not?