

Dr. Thomas F. Mancuso - University of Pittsburgh - AT(30-1)-3394

Study of the Lifetime Health and Mortality Experience of Employees of AEC Contractors

Developments during the last contract period include the following:

1. Letter from Dr. Totter to Robert M. Ball, Commissioner of Social Security (9/25/70) requesting that the highest priority be established for this study in order to lessen the time period required for the processing of data through Social Security. (Endorsed by Dr. S. English). Commissioner Ball gave us a positive response.
2. We received a memo (Dec. 18, 1970) from Mr. Arthur Schoenhaut, Deputy Controller, making recommendations on accelerated shipment of records to the Federal Records Centers (FRC) for long term storage. Several meetings have been conducted with AEC and AEC-contractor records people in an attempt to find solutions to this perpetual problem. To date, no records relating to this project have been released for shipment to the FRC.
3. Dr. Mancuso presented the AEC Health and Mortality Study to the Advisory Committee for Biology and Medicine at AEC HQ on January 8, 1971. The Committee gave a critical review of the program in their letter to the Chairman dated February 11, 1971.
4. A meeting was held January 20, 1971 at AEC HQ to determine the capability of HQ personnel assisting Dr. Mancuso in his attempt to purge the SSA's 1% Continuous Work History Sample of all AEC contractor employees. Attendees included representatives from MIT, Security and DBM. AEC HQ have approximately 100,000 personnel records on file. Only about 4% of these records have SS numbers associated with the employee's record. Thus, these records do not provide the necessary means to identify AEC contractor employees in the SS sample.
5. Several attempts were made by the T. R. to obtain approval for use of a portion of the Hanford Records Center Building 712 for storage of records pertaining to this study generated at the Hanford facility. Approval has not been granted primarily because this would conflict with the government's policy for more efficient use of the Federal Record Centers.
6. A meeting was held in DBM on February 16, 1971 to discuss possible approaches that might be used to resolve the problem of record storage as it pertains to this research project. Those in attendance included: Stanwood, Goldstein and Brooks from DBM and Gorman and Rademacher from OC. It was concluded that: (a) No action will be taken toward release of the records to FRC storage until after June 1971. This action would then be taken only after reevaluation of the entire record storage situation. (b) Since Savannah River (E. I. Dupont De Nemours and Co.) is under the greatest pressure to ship

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records to FRC, we will explore with them the possibility of obtaining a complete list of AEC employees and SS numbers in exchange for our agreement to release the records for FRC storage.

Follow-up:

No records have been released to FRC to date (that we are aware of). Arrangements are underway to obtain from Savannah River the personnel data available on tape. No attempt will be made to search through the files for additional personnel data.

7. In response to a request from the Joint Committee on Atomic Energy, February 10, 1971, a current status report was presented to the committee.

8. In a letter from Dr. Totter to Mr. Donnelly, Manager, AL, dated March 4, 1971, a request was made for submission of a 189 to initiate the study at Mound Laboratory. We have received the protocol and estimated budget requirements. Approval has been granted by DBM for incorporation of the Mound Laboratory population in this investigation.

9. A status report on this project was submitted to the Commission thru the General Manager dated April 12, 1971.

10. Dr. Allen Brodsky, one of the investigators on this project, resigned from the faculty of the University of Pittsburgh (April 1971). Dr. Brodsky will continue his association with the project as a consultant.

11. On May 12, 1971, Dr. Mancuso and his staff made a presentation to DBM on the preliminary data of the Hanford population. Representatives from Hanford and Oak Ridge were also present. This preliminary analysis of death data related to life span of employees and did not attempt to correlate employment with cause of death or to radiation exposure. In comparison of sub-groups (i.e., employees, non-starts and siblings), there were no detectable differences in life span of employees and siblings. On the average the non-starts have a slightly higher mortality rate than employees and siblings. These preliminary comparisons are based upon only 10% of the total Hanford population and should not be taken as being conclusive.

12. On June 4, 1971, the FY 72 work plan and fund allocation for the Oak Ridge, Hanford (HEHF), Mound Laboratory and SSA phases of the program were reviewed by DBM. Our comments and recommendations were transmitted to Dr. Mancuso in a letter dated June 25, 1971. Dr. Mancuso's response to our recommendations is presented in a letter dated July 22, 1971. (All this material with referenced 189's are on file).

13. A meeting was held at HQ on August 3, 1971, to discuss with the concerned divisions a proposal by Operational Safety that requests the Division of Production to incorporate the costs associated with the updating of annual records of exposure of Richland and Oak Ridge contractor personnel into the

normal operating budget. The meeting was conducted by Dr. Don Ross of OS. Others present included: Mr. Ralph Borlik (P), Mr. John Rudolph (MA), Mrs. Hildred Kelly (R), Miss Barbara Brooks (GM-WCRR), Mr. Gerald Combs (OS), Dr. Walter Weyzen (BM) and myself. Mr. Rudolph and Mr. Borlik indicated that favorable consideration would be given to picking up the cost of maintaining current the records of all facilities starting about January 1, 1972, if the details can be worked out by then. They did not think that it would be possible for operational funds to be used for retrospective updating of records at the facilities not presently included in the study. Dr. Ross will be responsible for providing the necessary information to the divisions concerned so this transference of cost can be initiated as soon as possible.

14. On August 23, 1971, a site review of the Oak Ridge phase of the program was conducted by Dr. Weyzen, Dr. William Lloyd of HEW, Mr. Tony Brazley, and myself. We were favorably impressed by the data extraction techniques and the computer operations. However, we felt that a distinct lack of close contact between the P. I. and the Oak Ridge group was evident. A similar site-visit to HEHF is planned.

15. A two-month extension (8-1-71 thru 9-30-71) without additional funds was given this contract to permit additional time for submission of the annual progress report.

16. The contract AT(49-7)-3061 with SSA was renewed on September 8, 1971, in the amount of \$172,000 for FY 1972. This amount includes payment for work performed in FY 71 but not paid for until FY 72 in the amount of \$51,145.

17. Arrangements have been made for the first meeting of the AEC Health and Community Study Advisory Committee at Oak Ridge on October 22, 1971.

An ad hoc review committee to evaluate this program is being established. We plan to have the review committee meet at the same time as the Advisory Committee if necessary arrangements can be made.

Recommendation:

For 8-1-71 thru 7-31-72

New funds:	\$116,562
Unexp funds:	18,438 - (Used during 2 mo. extension)
Total	<u>\$135,000</u>

To include the cost of the Advisory Committee meeting of October 22, 1971.

TOTAL FY 1972 PROGRAM ALLOCATION:

OAK RIDGE	. . . . .	\$ 160,000
HEHF	. . . . .	43,000
SSA	. . . . .	172,000
MOUND LAB	. . . . .	30,000
UNIV. PITTS.	. . . . .	<u>135,000</u>
		\$ 540,000