



UNITED STATES
ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION
WASHINGTON, D.C. 20545

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October 19, 1976

Note to J. L. Liverman

REVIEW OF ANALYSIS OF HANFORD MORTALITY

On October 4, 1976, Drs. Mancuso, A. Stewart and G. Kneale presented at ERDA, Germantown, their findings of a recent analysis of the Hanford data.

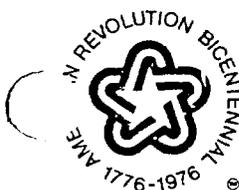
In subsequent discussions with you, Bill Burr and Charlie Edington, it was decided to have an independent review of the material presented to us in view of the potential importance of the results of the analysis.

agreed to
review the data and a tentative date of November 8 was set.

On October 18, I contacted Dr. Mancuso to discuss this review with him. His reaction was almost entirely negative. He did not see the need for a review since a number of experts had already been involved and a review could have been held on October 4, if we had wanted it. He further indicated that a review without Drs. Stewart and Kneale would not be productive since they alone could answer questions on the analysis of the data. If we wanted a review we could have it and invite Stewart and Kneale to return from Manchester to participate. Dr. Mancuso's statements lacked any indication to cooperate in a speedy review of his program.

Assuming that a review of the data by an independent group of experts is imperative, the following options are open to us.

1. Review of the analysis with the aid of the material available, i.e., the tables that were made available on October 4, the abstract of the paper given at the Health Physics meeting, and any other data that can be obtained.



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I briefly discussed this option with Drs. Marks and and both felt that this probably would be difficult but not impossible. Dr. Marks specifically pointed out that it would be necessary to identify biases in data such as they have found in their analysis.

2. Conduct a review as planned and make arrangements for Dr. Stewart and Mr. Kneale to attend.

There is some question about the practicality of this option, especially if we have to depend on the cooperation of Dr. Mancuso.

3. Independent analysis of the data by a group of outside experts under a contract.

This option would probably require the cooperation of Dr. Mancuso and his staff since the data available to us are incomplete. Duplicates of all data available at Hanford or Oak Ridge will have to be used.

Recommendation

Convene the review group on November 8 to determine

- a. What can be done with data available now
- b. What additional information would be needed to conduct an independent analysis
- c. Where this information can be obtained
- d. Have independent review conducted under off-site contract and with guidance of the review group
- e. Publication of their findings in the literature.

In this manner, independent outside expertise can advise us on the validity of the conclusions reached by Dr. Mancuso.

Weyzen
Walter H. Weyzen, Deputy Manager
Physical and Technological Programs
Division of Biomedical and Environmental
Research

cc: W. Burr
C. Edington

Walter: I buy the recommendation but suggest the following additional:

- 1) Carry OGC along with what is being done + record.
- 2) after data is pulled ask Mancuso to confirm that this is what he has used and if different to pls supply additional data.

JK 10/18/76

Do WE
Consider this to be
a peer review?