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September 7, 1978

Mr. William Glass
Chairman, NCRP Ad Hoc Committee
Physics & Instrumentation
Battelle Northwest Laboratory
P.O. Box 999
Richland, WA 99352

Dear Bill:

During its last meeting, the interagency Policy Committee on Personnel-Dosimetry Performance discussed problems that might arise in connection with the impending adoption by the regulatory agencies of requirements for reporting the dosimetry results in terms of the deep and shallow dose-equivalent indices. The discussion focussed in particular on the need for generally accepted data for computing the index quantities from exposure for low-energy photons, but questions relating to the general problem of the best choice of quantities for reporting personnel-dosimetry results were raised, as well.

When I mentioned to the members of the Interagency Policy Committee that the NCRP Ad Hoc Committee on Radiation Measurements is giving a high priority to NCRP work on the topic of Instrumentation and Methods for the Determination of the Restricted Index Quantities, they suggested that it might be helpful to impress upon the Council the urgent need for guidance in this field particularly because a final decision on methods to be adopted by the NRC will have to be made about a year from now. I promised that I would mention this to you prior to the forthcoming Council Meeting. I think that the members of the Policy Committee might be willing to express their needs in writing to Dr. Sinclair, if this would be of help. Best regards.

Sincerely,

M. Ehrlich

M. Ehrlich, Physicist
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