

ATTACHMENT 4

ADVISORY COMMITTEE ON THE MEDICAL
USE OF ISOTOPES

CHARTER FOR THE SUBCOMMITTEE TO REVIEW
THE DOSE RECONSTRUCTIONS

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Formation of ACMUI Dose Evaluation Subcommittee

On January 29, 2004, Thomas Essig, ACMUI Designated Federal Official, sent an e-mail message to the ACMUI caused the formation of a Dose Evaluation Subcommittee. Details of the Subcommittee's function is as follows.

Purpose: A Dose Evaluation Subcommittee has been formed to enable the full Committee to provide its advice to the NRC staff regarding a dose reconstruction for the daughter of a patient who had received a radiation exposure in excess of the public dose limit while comforting her dying mother who was undergoing radioiodine therapy at the St. Joseph Mercy Hospital in Ann Arbor, Michigan.

Subcommittee membership:

Dr. Leon Malmud, Chair. Will oversee the Subcommittee and ensure that product delivery schedule is met, including vetting of the Subcommittee's product with the full ACMUI.

Dr. Jeffrey Williamson, Member. Will evaluate the technical details of the dose evaluation, with an eye toward assessing the reasonableness of the 15 rem dose estimate.

Dr. Douglas Egli, Member. Will provide insights from his perspective as a nuclear medicine physician.

Ms. Sally Schwarz, Member. Will provide radiopharmaceutical insights, as appropriate.

Ms. Nicki Hobson, Member. Will provide patient advocate insights, as appropriate.

Approach: The attached inspection report prepared by NRC Region III contains an assessment of the dose received by the daughter while comforting her mother during her final days. The Dose Evaluation Subcommittee is requested to prepare independent views of the evaluation of radiation exposure received by the daughter. Input data are contained in the attached file. The Subcommittee is specifically requested to evaluate the approach to the dose reconstruction taken by the NRC Region, as well as the critique of the inspection report prepared by Drs. Carol Marcus and Jeffry Siegel (this critique is not available electronically and will be faxed to you). In preparing its report, the Subcommittee should indicate, for each aspect of the dose reconstruction and the Marcus/Siegel critique, whether it agrees or not with the evaluations and representations presented and why.