

FEB - 3 1994

Docket No. 030-01888

License No. 20-06900-01

Elias Charles Dow, M.D.  
1101 Beacon Street  
Boston, Massachusetts 02146

Dear Dr. Dow:

Subject: Routine Inspection No. 030-01888/92-001

This letter refers to your January 4, 1993 correspondence including an amendment request to use a rectilinear scanner for dose calibration, in response to our December 9, 1992 letter.

In your letter you appear to submit experiment results showing linearity and constancy of the rectilinear scanner. However, you do not provide procedures to be followed when performing constancy each day of scanner use and linearity quarterly. Also, you do not appear to address the requirements of 10 CFR 35.50 for accuracy or geometry tests. Please submit your procedures for performing all quality control tests (i.e., accuracy, constancy, linearity, and geometry). If you wish to ask for an exemption from any of the regulations, please submit a request.

Enclosed for your guidance is Regulatory Guide 10.8, Revision 2, and 10 CFR Part 35, Appendix C of the Regulatory Guide, "Model Procedure for Calibrating Dose Calibrator", is considered acceptable to the NRC. If you have any questions please notify Penny Nessen of my staff at (610) 337-5169.

In accordance with Section 2.790 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter and your reply will be placed in the Public Document Room.

Please reply to this letter within 20 days of receipt.

Your cooperation with us is appreciated.

Sincerely,

Original Signed By:  
Jenny M. Johansen

Jenny M. Johansen, Chief  
Medical Inspection Section  
Division of Radiation Safety  
and Safeguards

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Elias Charles Dow, M.D.

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Enclosures:

1. 10 CFR Part 35
2. Regulatory Guide 10.8


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