

FEB 25 1997

Mark Tolosky
Executive Vice President
Baystate Health Systems, Inc.
759 Chestnut Street
Springfield, MA 01199

SUBJECT: INSPECTION NO. 030-09946/96-002

Dear Mr. Tolosky:

This letter refers to your January 27, 1997 correspondence, in response to our January 3, 1997 letter.

Thank you for informing us of the corrective and preventive actions documented in your letter. These actions will be examined during a future inspection of your licensed program.

Your cooperation with us is appreciated.

Sincerely,

Original Signed By:
James P. Dwyer

for

Mohamed M. Shanbaky, Chief
Nuclear Materials Safety Branch 1
Division of Nuclear Materials Safety

Docket No. 030-09946
License No. 20-01412-05

cc:
Suresh M. Brahmavar, Ph.D., Radiation Safety Officer
Commonwealth of Massachusetts

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RETURN ORIGINAL TO
REGION I

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M. Tolosky
Baystate Health Systems, Inc.

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Nuclear Safety Information Center (NSIC)

Region I Docket Room (w/concurrences)

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NAME	RMcKinley <i>ROM</i>		MShanbaky <i>MS</i>				
DATE	02/10/97		02/25/97		02/ /97		02/ /97

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Baystate Health Systems

Springfield, Massachusetts 01199
413-784-0000

REPLY TO NOTICE OF VIOLATION

January 27, 1997

Mohamed M. Shanbaky, Chief
Nuclear Materials Safety Branch 1
U.S. Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406-1415

SUBJECT: Inspection No. 030-09946/96-02
Letter dated January 3, 1997

REFERENCES: License No. 20-01412-05

DOCKET NO. 030-09946

Dear M. Shanbaky:

I am enclosing a copy of our responses and corrective actions in place to respond to your violation item B from previous inspection dated January 31 through February 2, 1996. During the recent inspection dated December 9-11, 1996, Mr. Richard McKinley reviewed all documents including your response dated September 20, 1996. He was unable to determine what your office really accepted as a corrective action. He had taken this matter back to Region I for clarification.

In any case, the thing that will satisfy you is writing the radiation level in mR/hr in item three of section III of our radiation survey form for Temporary Implants (a copy enclosed) then we will do it effective February 1, 1997. I hope this clarifies and satisfies your desire.

Thank you.

Sincerely,

Suresh M. Brahavar, Ph.D.
Chief/Director, Medical Physics/Radiation Safety-BHS
Radiation Safety Officer-BHS

encl.
SMB/mek

NOTE: We did not receive your GREEN envelope with your letter.

JAN 30 1997

470131002/P



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

SEP 20 1996

John F. McCarron
Vice President, Medical Support Services
Baystate Health Systems, Inc.
759 Chesnut Street
Springfield, Massachusetts 01199

SUBJECT: INSPECTION NOS. 030-09946/96-001 AND 030-00230/96-001

Dear Mr. McCarron:

A routine inspection of your licensed program, conducted by a member of my staff on January 31 through February 2, 1996, identified two violations of NRC requirements. These violations were described in a letter and Notice of Violation dated March 13, 1996. One violation was cited because it was the inspector's understanding from speaking with your staff that the efficiency of a counting system used to evaluate leak tests of strontium-90 sealed sources had not been determined. A second violation was cited because the record of the survey performed prior to the release of patients who had been treated with temporary brachytherapy implants did not include the exposure rate measured at a distance of one meter from the patient. Our letter required that you respond to the Notice of Violation describing specific actions taken and any additional actions you planned to prevent recurrence.

Your response dated April 11, 1996 requested that we reconsider our decision to cite the two violations in light of the supporting documentation that you enclosed with your letter.

We reviewed your response and, in a letter dated June 14, 1996, requested that you provide additional information regarding the calibration of the counting system used to evaluate leak tests of strontium-90 sealed sources. Our letter also attempted to clarify the requirements for post implant surveys described in 10 CFR 35.406(c) and 35.415(a)(4) and the requirements for patient release surveys described in 10 CFR 35.404, and requested that you confirm that your record of patient survey, performed prior to the release of a patient treated with a temporary brachytherapy implant, will be expressed as millirem per hour measured at one meter from the patient.

We have reviewed your July 10, 1996 response and, based on the additional information that you provided regarding the calibration of the counting system used to evaluate leak tests of strontium-90 sealed sources, Item A of the Notice of Violation is retracted. } ✓

Thank you for informing us of the corrective and preventive actions documented in your letter with regard to Item B of the Notice of Violation. These actions will be examined during a future inspection of your licensed program. } ✓

Rec'd: 9-24-96
RJ

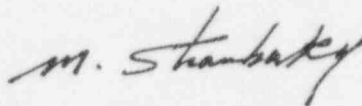
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John F. McCarron

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Your cooperation with us is appreciated.

Sincerely,

A handwritten signature in dark ink, appearing to read "M. Shanbaky". The signature is fluid and cursive, with a long horizontal stroke at the end.

Mohamed M. Shanbaky, Ph.D., Chief
Nuclear Materials Safety Branch 1
Division of Nuclear Materials Safety

Docket Nos. 030-09946
030-00230
License Nos. 20-01412-05
20-01412-03

cc:
Suresh M. Brahmavar, Ph.D., Radiation Safety Officer
Commonwealth of Massachusetts