

JAN 12 1994

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Washington University Medical School
ATTN: Robert J. Hickok
Assistant Vice President for
Medical Affairs, Chief
Facilities Officer

Box 8034
660 South Euclid Avenue
St. Louis, MO 63110

License No. 24-00167-11
License No. 24-00063-13
License No. 24-00063-10
License No. 24-00167-13
Docket No. 030-02271
Docket No. 030-31205
Docket No. 030-15101
Docket No. 030-33008

Dear Mr. Hickok:

This refers to the routine safety inspection conducted by Mr. John D. Jones, Evelyn R. Matson, and Robert Hays of this office on November 15, through November 18, 1993 of activities authorized by NRC Byproduct Material Licenses No. 24-00167-11, 24-00063-13, 24-00063-10, and 24-00167-13, and to the discussion of our findings with members of your staff at the conclusion of the inspection.

The inspection was an examination of activities conducted under your license as they pertain to radiation safety and to compliance with the Commission's rules and regulations and with the conditions of your license. The inspection consisted of a selective examination of procedures and representative records, observations, independent measurements, and interviews with personnel.

During this inspection, certain of your activities appear to be in violation of NRC requirements, as specified in the enclosed Notice. A written response is required.

In addition to the violations, the inspectors identified six areas of concern for License No. 24-00167-11 (broadscope) during the inspection: (1) inadequate job specific training regarding proper response to emergency situations, (2) inadequate job specific training for a technician responsible for the routine leak tests of sealed sources, (3) inappropriate emergency action taken to prevent spread of radioactivity following rupture of a sealed source, (4) failure to impress on the nursing staff the need to use the video monitors to ensure that the sources and catheter guide tube are not disturbed during treatment and to provide for prompt detection of any operational malfunction of the afterloading device, and (5) inadequate procedures followed in the performance of area surveys and weekly contamination tests.

Two areas of concern were identified for License No. 24-00063-10 (teletherapy) (1) teletherapy physicists and oncologists are not included in the annual teletherapy emergency drills and do not receive specific instructions on this institution's policies and procedures regarding stuck teletherapy sources, and (2) difficulty opening the treatment room door of the teletherapy unit with the power to the door turned off.

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These areas of concern are discussed in the attached report.

In your response to this letter please describe what actions have been or will be taken to insure that all reasonable actions are taken to address each of the areas of concern.

In accordance with 10 CFR 2.790 of the Commission's regulations, a copy of this letter, the enclosure, and your response to this letter will be placed in the NRC Public Document Room.

The response directed by this letter and the accompanying Notice are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL 96-511.

We will gladly discuss any questions you have concerning this inspection.

Sincerely,

Original Signed by Roy J. Caniano

Roy J. Caniano, Chief
Nuclear Materials Safety Branch

Enclosure: Notice of
Violation

cc w/enclosure:
PUBLIC

RIII
[Signature]
Jones/jaw

RIII
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Matson
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Hays
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Probe
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Caniano