



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

JUN 27 1980

Ref: SA/LAB

Mr. Dayne H. Brown, Chief
Radiation Protection Section
Division of Facility Services
Box 12200
Raleigh, North Carolina 27605

Dear Mr. Brown:

This is to confirm the comments made to you and Mr. Cecil Brown by Lloyd Bolling at the conclusion of our recent radiation control program review.

Based on the results of our review, the staff believes that the North Carolina program for control of agreement materials is adequate to protect the public health and safety and is compatible with the NRC's program. Specific comments and recommendations are enclosed. I would appreciate your review of our recommendations and receiving your comments on them.

The State's efforts in responding swiftly and adequately to incidents involving radioactive materials are commendable.

I appreciate the courtesy and cooperation extended to Lloyd Bolling during the review.

Sincerely,

A handwritten signature in cursive script that reads "G. Wayne Kerr".

G. Wayne Kerr, Assistant Director
for State Agreements Program
Office of State Programs

Enclosure:
As stated

cc: Sarah T. Morrow, M.D.
NRC Public Document Room, w/encl.
State Public Document Room, w/encl.

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COMMENTS AND RECOMMENDATIONS ON THE NORTH CAROLINA
RADIATION CONTROL PROGRAM

I. Licensing

A. Comment

A review of selected license files showed that at least two medical licenses lacked adequate discussion of their procedures to check the performance of their dose calibrators.

Recommendation

We recommend that applicants for medical licenses be required to submit step-by-step procedures for checking the performance of dose calibrators. Applicants may submit the name of an approved consultant who will perform quarterly and yearly accuracy checks. The named consultant must also have step-by-step procedures on file with your agency. A sample of acceptable procedures is enclosed.

B. Comment

A review of selected license files indicated that at least three licenses lacked sufficient discussion of procedures for the receipt of radioactive material.

Recommendation

We recommend that each applicant be required to adequately address procedures for receipt and safe opening of packages containing radioactive material. A sample of acceptable procedures is enclosed. We also recommend the use of checklists (sample enclosed) by license reviewers to insure that all pertinent safety issues are addressed.

II. Compliance

A. Comment

A review of selected compliance files showed that while inspection reports routinely mentioned previous inspections and the number of noncompliance items, there was no mention as to what the noncompliance were. We did note that there was a statement on the present status of previous non-compliance items.

Recommendation

We recommend that each inspection report mention very briefly, what noncompliance items were cited during the previous inspection.

B. Comment

A review of selected compliance files showed the need to amend the wording of enforcement letters.

Recommendation

We recommend that licensees be routinely required to state what steps would be made to prevent a recurrence of noncompliance items. These steps could be technical (e.g. revision of a procedure) or administrative (e.g. audits of technical activities by management).