



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
799 ROOSEVELT ROAD
GLEN ELLYN, ILLINOIS 60137

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PDR
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December 11, 1981

MEMORANDUM FOR: Vandy L. Miller, Chief
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FROM: Bruce S. Mallett, Ph.D., Section Leader
Region III Licensing Section

SUBJECT: REVISION OF THE STANDARD REVIEW PLAN FOR INSTITUTIONS
OPERATING AS A MOBILE VAN

The current standard review plan for mobile van operations does not list any limitations on the types of services that the NRC will approve. Consequently, a workshop was held on November 20, 1981 by representatives of the Medical Licensing Sections of the Material Licensing Branch to propose such limitations. The following is a list of the limitations proposed:

1. Mobile van operations should be limited to diagnostic procedures with the exception of iodine-131 for the treatment of hyperthyroidism on an outpatient basis (i.e. no Group V or VI procedures shall be allowed).
Physician should administer I-131. Not to be done in mobile van.
2. Mobile van operations shall not be allowed to establish "hot labs" in institutions such as hospitals with or without NRC licenses (i.e. Any receipt and storage of radioactive material in an institution should be under an NRC license for that institution).
Permit workshop with decision

Bruce S. Mallett

Bruce S. Mallett, Section Leader
Region III Licensing Section

INFORMATION TO BE SUBMITTED FOR A MOBILE NUCLEAR MEDICINE LICENSE

Revised May 10, 1979

This is in reference to your request for information on how to acquire a mobile nuclear medicine license. Our current requirements for this license are as follows:

- X 1. A complete application in accordance with the enclosed Medical Licensing Guide (Regulatory Guide 10.8).
- X 2. Confirmation that a physician shall be on-site at the time that radio-pharmaceuticals are administered. The identity of this on-site physician must be included on your license application and this physician must have at least thirty (30) hours of training in basic radiological handling techniques. (See Supplement A of Form NRC-313M.)
- X 3. A statement from each hospital administrator granting approval for use of radioactive material at his facilities.
- X 4. A complete description of the services to be furnished at each hospital.
5. Verification that all diagnostic instrumentation transported by van shall be calibrated at each location of use prior to conducting nuclear medicine procedures.
6. Verification that a contamination survey will be performed at each location of use and that all sources of licensed material and all detectable contamination will be removed.
- X 7. A description of the procedures for ensuring that radioactive materials, located in the van will be secured at all times.
- X 8. If your nuclear medicine laboratory is located at a hospital, the hospital must have a separate license as required by Section 35.12(b) of Title 10, Code of Federal Regulations, Part 35.
- X 9. Because of the radiation safety problems associated with the use of radioactive gases, xenon-133 has not been authorized for mobile nuclear medicine services. If you wish to request the use of xenon-133, then you are required to submit all the information requested in Appendix M of the Medical Licensing Guide for each location of use.

Enclosures:

1. Draft Medical Licensing Guide
2. Form NRC-313M
3. 10 CFR Parts 19, 20, 30, 35, and 170