



April 22, 1987

William Adam  
Region III Licensing Section  
Material Licensing Branch  
Division of Fuel Cycle and Material Safety  
United States Nuclear Regulatory Commission  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

Re: License # 12-00089-02  
Amendment for Nucletron Remote Afterloader

Dear Mr. Adam:

Attached, please find the additional information that you requested via the document "Information Required for Remote Afterloading Devices"

Sincerely,

A handwritten signature in black ink, appearing to read "Randy B. Maxey".

Randy B. Maxey, M.S.  
Director of Medical Physics

RBM:mlh  
Enclosure

8706170572 870521  
REG3 LIC30  
12-00089-02 PDR

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#### IV.

- D. Individuals who are trained in the use of the device and have practiced the emergency procedures will be on-site while the device is in use.
- E. Retraining, to be given at intervals not to exceed 6 months, will include the following topics:
  - 1. A description of potential hazards associated with the device.
  - 2. Safety practices to be followed when operating the device.
  - 3. "Dry-runs" of emergency procedures.

#### VI. Operating Procedures

- A. Prior to treatment of patients, we shall:
  - i. have implemented written operating procedures.
  - ii. distribute copies to appropriate staff.
- B. Following machine installation, the following procedures will be followed:
  - iii. unit, console and room will be secured when unattended.
  - iv. only the patient is in room when device is activated.
  - v. daily checks to include:
    - a. interlocks.
    - b. reproducibility of source positioning to within  $\pm 1$  mm.
    - c. verification of source position indicators.
    - d. inspection of guide tubes for kinks and other imperfections.
  - vi. treatment time calculations will be independently verified.

#### III. Emergency Procedures

The following minimum procedures, posted near the treatment console, will be followed:

- i. when to implement.
- ii. step-by-step actions and by whom.
- iii. first consideration: minimize exposure to patient.
- iv. act quickly and calmly; avoid direct contact with source.
- v. secure area; post warning notice.
- vi. names and on-duty/off-duty telephone numbers of at least two people.

CONVERSATION RECORD

TIME 4/7/87

DATE 3:45 P

TYPE

VISIT

CONFERENCE

TELEPHONE

INCOMING

OUTGOING

ROUTING

NAME/SYMBOL INT

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

Randy Mapey

ORGANIZATION (Office, dept., bureau, etc.)

Mem. Med Ctr.

TELEPHONE NO.

(217) 788-3267

SUBJECT

C/W 83032

SUMMARY

Requested a response to Items

IV.D., IV.E., VI + VII of

Remote Afterloader Information

Sheet (Sept. '85). Copy of info.

sheet will be sent to licensee.

ACTION REQUIRED

Licensee will respond within 30 days.

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

W. J. Aldan

DATE

4/7/87

ACTION TAKEN

SIGNATURE

TITLE

DATE