

Good Samaritan Hospital

520 South Seventh Street
Vincennes, Indiana 47591
(812) 882-5220

Charles W. Arends
Executive Director

July 18, 1985

Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

ATTENTION: William J. Adam, Ph.D., Materials Licensing Section

RE: License No. 13-01787-04
Control No. 77471

Dear Dr. Adam:

In regard to our NRC teletherapy license renewal application, the following information was requested in your letter dated June 27, 1985:

- 1) The following is an outline of our training program for the individuals who work with the teletherapy unit:
 - a) Hospital orientation
 - b) Department orientation
 - c) Cobalt orientation
 - d) Radiation Safety for Cobalt
 - e) Operating Procedure for Cobalt
 - f) Patient Treatment Procedure
 - 1) All treatment times are derived by the physician
 - 2) All treatment plans are followed as prescribed by the Radiation Oncologist
- 2) The following is an outline of our written operating procedures given to the appropriate personnel:
 - a) The Teletherapy room and console are to be locked when unattended by the assigned operator.
 - b) Under no circumstances will the patient be attended by anyone during treatment when the primary beam is on. No personnel will be in the treatment room when the primary beam is on.

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- c) Safety Devices are checked daily and these checks are documented by the Therapy technologist.

We conform to Appendix J with documentation on file.

- 3a) Primalarm - Model #0-434 by Nuclear Associates-Victoreen. This operates on separate power supply from Therapy machine.
- 3b) A daily operational check of room monitors is done and recorded by the Radiation Therapy technologist.
- 3c) R.S. Landauer - #G1 and U3 is our dosimetry system calibrated for NBS by NVLAP.
- 4) Occupational personnel to include Therapy technologists, Radiation Oncologists, Radiologists and Radiologic Technology students will be issued personnel monitors.
- 5) Good Samaritan Hospital's Radiation Safety Committee will assume responsibility for Teletherapy use. The members of this committee are as follows:

Thomas C. Brown, M.D.

RSO and authorized user for all materials.

Louise Geis and/or
Nora Hunckler

Representative(s)
of Nursing Service

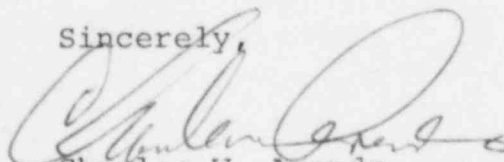
Charles Arends,
Michael O'Brien,
John Hidde

Representative(s)
of Administration

In addition, the Radiation Safety Committee will maintain on file for inspection any changes in membership and will represent each necessary faction specified in 35.11(b) of 10CFR Part 35.

- 6) Enclosed please find a copy of our ALARA program.

Sincerely,



Charles W. Arends,
Executive Director
GOOD SAMARITAN HOSPITAL

ENCLOSURE

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GOOD SAMARITAN HOSPITAL

VINCENNES, INDIANA 47591

Inter-Department Memorandum

TO: All Hospital Employees
FROM: Department of Radiology/Administration
DATE:
SUBJECT: Restricted Areas in the Nuclear Medicine, Cobalt 60 Teletherapy and Laboratory Departments

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Please read the following information, sign your name, and return this form to your Department Head.

Our hospital has a Nuclear Medicine, Cobalt, and Laboratory department which is a radiation area and, therefore, is a restricted area for non-occupational (non-nuclear, non-laboratory) personnel. The Nuclear Medicine Department routinely receives radioactive materials and most of them are used for diagnostic purposes; some for therapy. There is also an area of storage of radioactive material in the same area which is even more important from a restriction point of view. The sign that you see at the doors of the Nuclear Medicine, Laboratory and Therapy Department is intended to identify this area as a Radiation Area, which means that this is a restricted area. This applies to Nuclear Medicine, Cobalt 60 Teletherapy and Laboratory, not to the C.T. department or corridor. Specifically, rooms A188, A191, A194, B136 and B172.

It is asked that no one enter the restricted area unless it is absolutely necessary. Further, non-occupational personnel will not be asked to assist in this area unless absolutely necessary. Exceptions to this rule are personnel in housekeeping, maintenance, and those involved in the delivery of packages of radioactive material. These persons will be informed verbally during orientation, and also during in-services, as to the exact location of radioactive materials, location of normal waste vs. radioactive waste, dangers of the equipment, location of venting mechanisms and their importance, meaning of warning systems, and that any non-occupational personnel is under the direction of the occupational personnel at the time (if any).

No beverages, food, or make-up will be allowed to be stored in the refrigerator, containing radioactive material. These refrigerators are identified easily as those where the "Caution, Radioactive Materials" sign is prominently displayed on the door. A similar sign is found on all shipments of radioactive material. If such shipments are found outside the restricted area, contact the Radiation Safety Officer immediately. If you have any questions, please contact the Nuclear Medicine or Laboratory Department.

Thomas C. Brown, M.D.
Radiation Safety Officer
Telephone: Ext. #3287

Employee Signature

Department

Date