



VETERANS ADMINISTRATION
HOSPITAL
150 MUIR ROAD
MARTINEZ, CALIFORNIA 94553

July 30, 1979

RECEIVED

IN REPLY
REFER TO: 114B-RSQ

1979 AUG 23 AM 11 11

Nuclear Regulatory Commission
License Management Branch
Division of Fuel Cycle and Material Safety
Washington, D.C. 20553

U.S. NUCLEAR REG
COMMISSION
NMSS MAIL SECTION

Gentlemen:

An amendment application to License No. 04-02956-02 is hereby submitted for the possession and use of a Series 78, Model 28-5 Single Source Beam Calibrator, manufactured by J. L. Shepherd and Associates, 703 S. Pacific Avenue, Glendale, California 91204. This calibration device contains a 100 millicurie Cesium-137 sealed source which has been approved by the NRC as a device dated February 29, 1972 (72-10 Approval Sheet) as described by the manufacturer. The device will be used for survey instrument calibration checks within Radiotherapy Service as defined below:

1. The source and container will be stored in a locked room (D-57) with keys restricted to personnel in Radiotherapy Service only.

The source during periods of storage, will be locked in the shielded storage container and access by key limited to the Radiological Physicist, who will use the calibrator. The maximum external radiation level as specified by the manufacturer is 5 mR/hr at one foot from the surface of the device.

2. The beam calibrator will be labeled with appropriate warning signs and source identification, including nuclide activity and date of calibration. Security for the premises is provided by hospital police.
3. Use of the source will be limited to the Radiological Physicist and the location of use will be Room D-57. This room has shielding designed for use of a Cobalt-60 teletherapy unit, and modified for a 6 MeV linear accelerator, and is more than adequate to limit the exposure of employees outside of Room D-57 to much less than the maximum allowable. Access to the area outside of the room during use is limited to radiation workers and Medical Center employees.

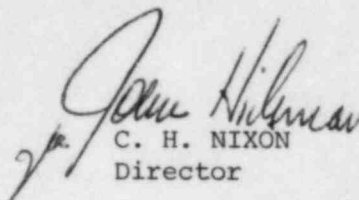
Dupe
(7909170327) pon
FEE EXEMPT

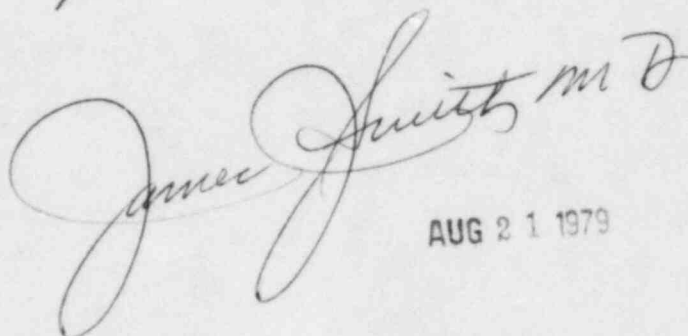
COPIES SENT TO OFF. OF
INSPECTION AND ENFORCEMENT

0100a

4. Occupancy of room during use of the calibrator will normally be limited to the Physicist and film badge use will be required of all personnel exposed to the source. Care will be taken to restrict as much as possible individual exposure to area outside of the beam defined by the beam port of the device.
5. At no time will the calibrator be left unattended with the source exposed without any shielding.
6. Wipe tests will be performed at six month intervals.

Sincerely,


C. H. NIXON
Director

 m D

AUG 21 1979

01009