

FEB 20 1985

License No. 20-18423-01  
Docket No. 030-15057  
Control No. 17352

Eunice Kennedy Shriver Center  
ATTN: Edwin H. Kolodny, M.D.  
Director  
200 Trapelo Road  
Waltham, Massachusetts 02154

Gentlemen:

This is in reference to your application dated April 3, 1984, to renew License Number 20-18423-01. In order to continue our review, we need the following additional information:

Current NRC Policy requires that no more than one license be issued to an institution covering the same type of program (e.g., research and development).

We have reviewed your application for renewal of License Number 20-18423-01 and compared it with your current License Number 20-18423-02 (which expires April 30, 1985). Since these licenses cover the same type of program and some of the same users appear on both licenses, we feel that it is in the best interest of the NRC and Eunice Kennedy Shriver Center that you resubmit an application which incorporates the radionuclides authorized by both licensed and the radiation safety procedures into one manageable licensed program under License Number 20-18423-01 and request termination of License Number 20-18423-02.

With regard to your resubmittal and in light of our recent inspection of your facility the following items should be reviewed:

1. Please clarify the legal name of your institution. Your letterhead states "Shriver Center for Mental Retardation, Inc., your licenses reads "Eunice Kennedy Shriver Center." We need to issue the license to the proper legal entity.
2. We have reviewed Dr. Raghavan's qualifications to be your radiation safety officer and find no indication that he has attended a formal course in Radiation Safety. We recommend in light of our recent inspection that he attend a formal 40 hour course in "Radiation Safety" (such as presented by Harvard University Health Services or School of Public Health).

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3. Please clarify if Harvard University Health Services (HUHS) calibrates your survey meters once every six months. Additionally, please clarify if HUHS submits to you a Certificate of Calibration in order that you may determine that the survey meter has been calibrated against a known source of radiation traceable to the National Bureau of Standards at two points on each scale and that the meter read within  $\pm 10$  percent of the known radiation exposure rate at the distance used for calibration. This certification should also indicate the name(s) of the individual certifying and performing the calibration.
- 4.. Please clarify if HUHS sends you at least a quarterly dosimetry report naming each individual film badge for the quarter, the number of badges issued and returned for evaluations, and the total quarterly exposure received by each individual for the quarter. These records are required to be available at your facility for inspection by the Commission in accordance with 10 CFR 20.101 and 102 and 30.52.
5. Please clarify whether the person at the front desk receiving radioactive materials packages is a radiation worker and has been instructed in accordance with 10 CFR 19.12.
6. Please clarify whether your safe opening procedures for radioactive materials packages include the following:
  1. Don protective gloves
  2. Survey packages at 3 ft. and package surface
  3. Take wipe tests of package surface and final source container
  4. Recording results of the above survey in proper units.
  5. Notifying the RSO if radiation levels exceed 200 mr/hr at the package surface.
7. Please submit your instructions to ancilliary personnel (security guards) who may under an unusual occurrence receive a radioactive materials package at non-normal delivery hours. Such instructions should include the following:

"If a package appears wet or appears to be damaged immediately contact the RSO. Ask the carrier to remain at the facility until it can be determined that neither he nor his delivery vehicle is contaminated."
8. Please confirm that all records of surveys performed by HUHS are maintained by your R.S.O.
9. Your license will be issued in the name of the institution, please ensure that all license amendments or renewal requests are signed by a representative of your institution's management. This will assure that management has concurred with all commitments.

We will continue our review upon receipt of this information. Please reply in duplicate to my attention at the Region I office and refer to Mail Control No. 17352.

Sincerely,

Original Signed By  
Jenny M. Johansen

Jenny M. Johansen, M.S.  
Nuclear Materials Safety Section B  
Division of Radiation Safety  
and Safeguards

Enclosures:

1. 10 CFR Parts 19, 20, 30 and 170
2. Regulatory Guide 10.7
3. Forms NRC-313 and 3

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