



# UNITED BLOOD SERVICES

259 E. Erie Street / Chicago, IL 60611 / Phone (312) 751-1701

APR 12 AM 8 54

April 6, 1982

U.S. NUCLEAR REG  
COMMISSION  
MAIL SECTION

RECEIVED BY LFMB	
Date	4/15/82
Log	APRIL PG 5 Amend
By	Brown
Orig To	
Action Compl	4/30/82

Applicant	2026
Check no.	440/3E
Amount	Amendment
Type of Fee	4/29/82
Date Check no.	
Received By	Brown

Mr. Paul Guinn  
Office of Nuclear Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

License #12-19296-01

Dear Mr. Guinn:

I would like to request that our NRC License No. 12-19296-01 be amended to show the following changes:

- 1) That the name of the responsible persons be changed to read Dr. Lloyd O. Cook, Medical Director; Mr. Christopher Coffin, Technical Director; and Dr. David R. Miller, Radiation Safety Officer.
- 2) That the individual to contact with regard to administration of this license be changed to Mr. Stephen Brown, Executive Director, United Blood Services.
- 3) and that the requirement for personal dosimeters be eliminated, but retain room monitors. Film badges have been worn by gamma irradiator operators for over 18 months and no exposures have been recorded. In addition, two room monitors have recorded only minimal exposures during this period of time. Room surveys are routinely conducted, as specified in the license, and, as expected, all radiation levels remain constant. Only background levels of radiation can be measured with the Victoreen 440 with the exception of two locations: one on top of the irradiator (about 6 feet above the floor) where, at the surface, 0.7 mr/hr can be measured, and the second, on the bottom surface of the irradiator housing, which is inside a metal cabinet, where 1.4 mr/hr can be measured with the turntable in the irradiate position. Neither of these elevate the readings in the room above background. According to Part 20.202a(1) of the 10 CFR, dosimeters need not be assigned if there is no likelihood

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PDR

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Page 2

that the individual will receive less than 25% of the maximum permissible yearly exposure for a radiation worker. From our past experience and considering the radiation levels in the room, this seems to be the case here.

If questions should arise pertaining to this amendment, contact Dr. David R. Miller, Radiation Safety Officer, at 312-649-8300.

Sincerely,

Lloyd O. Cook, M.D.  
Medical Director

LOC/eb

cc: Mr. Stephen J. Brown  
Dr. David R. Miller  
Mr. Christopher Coffin  
File

10989

DATE 3/13/80

TELEPHONE OR VERBAL CONVERSATION RECORD

TIME 1:10 ☐ A.M. ☒ P.M.

☐ INCOMING CALL

☒ OUTGOING CALL

☐ VISIT

PERSON CALLING

PAUL GUINO

OFFICE/ADDRESS

PHONE NUMBER

EXTENSION

PERSON CALLED

NORMAN JOHNSON

OFFICE/ADDRESS

United Blood Service  
Chicago, Ill.

PHONE NUMBER

EXTENSION

312-751-1701

CONVERSATION

SUBJECT

Application for a license

SUMMARY

Told Johnson we need the following:

1. Items 15, a, b, and c in Irradiator Guide  
(Mailed copy to Johnson on 3/13/80)

2. Statement that training in use of  
of the device to be provided by AECH  
at time of installation (Johnson said  
AECH would do this) and information  
showing training to be provided to  
men in United Blood Service operating  
of emergency procedures.

3/24/80 Dore Miller called & I discussed the above

REFERRED TO:

Items with him. JB

ACTION REQUESTED

☐ ADVISE ME OF  
ACTION TAKEN.

INITIALS

DATE

ACTION TAKEN

INITIALS

DATE