

VOID SHEET

TO: License Fee Management Branch  
FROM: Reg 3  
SUBJECT: VOIDED APPLICATION

Control Number: 90247  
Applicant: Cleveland Clinic  
Date Voided: 12/29/90  
Reason for Void: Combined w/  
CN 90604. Void after review.

PJ Pedre 12/28/90  
Signature Date

Attachment:  
Official Record Copy of  
Voided Action

FOR LFMB USE ONLY

Final Review of VOID Completed:

- Refund Authorized and processed
- No Refund Due after review
- Fee Exempt or Fee Not Required

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Log completed   
Processed by: [Signature]

060139

9102070420 901220  
REGS LIC30  
MATLSLICENSING PDR

RECEIVED  
DIVISION OF LICENSING  
91 JAN 25 AM 10:07  
U.S. MAIL EAR 013  
COMMISSION

MH30  
1/1

(void after review)  
Combined w/ CK 90604

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM  
AND  
REGIONAL LICENSING SECTIONS

: (FOR LFMS USE)  
: INFORMATION FROM LTS  
: -----  
: PROGRAM CODE: 02110  
: STATUS CODE: 0  
: FEE CATEGORY: 7B  
: EXP. DATE: 19910930  
: FEE COMMENTS: CODE 2B  
: ::::::::::::::::::::::::::::::::::::::

LICENSE FEE TRANSMITTAL

A. REGION II

1. APPLICATION ATTACHED  
APPLICANT/LICENSEE: CLEVELAND CLINIC FOUNDATION  
RECEIVED DATE: 900921  
DOCKET NO: 3002649  
CONTROL NO.: 390247  
LICENSE NO.: 34-00466-01  
ACTION TYPE: AMENDMENT

2. FEE ATTACHED  
AMOUNT: ~~\$270.00~~  
CHECK NO.: ~~844206~~

846706  
9/15/90

3. COMMENTS

SIGNED P. Little  
DATE 9-25-90

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED 1-1)

1. FEE CATEGORY AND AMOUNT: TB \$270

2. CORRECT FEE PAID. APPLICATION MAY BE PROCESSED FOR:  
AMENDMENT -----  
RENEWAL -----  
LICENSE -----

3. OTHER -----  
-----

SIGNED CP  
DATE 9/1/90



# THE CLEVELAND CLINIC FOUNDATION

One Clinic Center 9500 Euclid Avenue Cleveland, Ohio 44195-5199

A National Referral Center An International Health Resource

Steven J. Aron, Jr., Ph.D.  
Radiation Safety / QOI  
216/444-0645

William J. Adam, Ph.D.  
U.S. NUCLEAR REGULATORY COMMISSION, Region III  
Material Licensing Section  
799 Roosevelt Road  
Glen Ellyn, IL 60137

September 18, 1990

Dear Dr. Adam:

Attached please find a check for \$290.00 to amend the Cleveland Clinic Foundation's NRC license, number 34-00466-01 as follows:

Kindly amend item 23 on page 149 of our January 18, 1985 license renewal application to increase the threshold limit of Tc-99m for thyroid bioassay from 1 Ci to 5 Ci for either single or continuous use.

In support of this request, a review of Tc-99m bioassay records accumulated over a period of two weeks shows no thyroid exposures which are statistically above background when normal use of the generators has occurred. For two times when the bioassay count did statistically exceed background values, it was determined after a discussion with the individual involved that this resulted from a minor spill and some minor contamination as opposed to thyroid uptake.

Personnel working in the hot lab currently use the room monitor to scan hands, shoes and clothing to spot any significant contamination before leaving the radiopharmacy.

In addition to the above, since the Tc-99m used is non-volatile and since the maximum permissible body burden is approximately three orders of magnitude greater than that for iodine compounds, we feel that a 5 Ci bioassay threshold is both safe and more appropriate.

Log	Oct 2 III
Remitter	
Check No.	346206
Amount	290
Fee Category	TR
Type of Fee	aid
Date of	
Date of	10/1/90
By	CP

RECEIVED  
SEP 21 1990  
REGION III

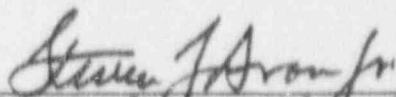
SEP 21 1990

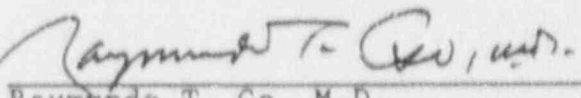
CONTROL NO. 90247

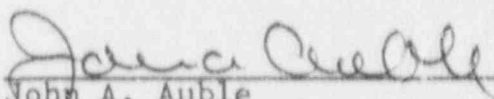
William J. Adam, Ph.D.  
September 18, 1990  
Page 2 of 2

Please don't hesitate to call me at (216) 444-6645 if any additional information is needed.

Sincerely,

  
\_\_\_\_\_  
Steven J. Aron, Jr., Ph.D.  
Radiation Safety Officer

  
\_\_\_\_\_  
Raymundo T. Go, M.D.  
Chairman, Radioisotope & Radiation Safety Committee

  
\_\_\_\_\_  
John A. Auble  
Secretary and General Counsel

Attachment: Check for \$290.00

cc: James E. Lees  
Thomas F. Keys, M.D.  
Signatories

CONTROL NO. 90247