



REPLY TO
ATTENTION OF

SLCMT-MSI-NE

DEPARTMENT OF THE ARMY
U.S. ARMY LABORATORY COMMAND
MATERIALS TECHNOLOGY LABORATORY
WATERTOWN, MASSACHUSETTS 02172-0001

MS 16
P4

SUB-27

11 December 1986

Doris J. Foster
United States Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

30-0159

SUBJECT: Requested Information

1. a. Reference control numbers 106500, 106501 and 106502 and licenses 40-2253, 20-0101-04 and 70-263.
- b. Reference phone request to undersigned on 10 Dec 86.
2. Enclosed please find six copys of the following:
 - a. Certificate of training, Radiological Safety Course, given at USAOCCS, APG, MD 14 May 79.
 - b. The Radiological Safety Handbook Subject Index which was used as the primary text book for the course.
 - c. The course evaluation plan for the Radiation Safety Course dated Oct 77 indicating 116 hours of instruction for the course.
3. I took the course with Army officers taking an Ordnance Officer Advanced Course (chemical) 4-9-C22-A. The course started Thursday, 19 April 79 and the final was given on Monday morning, 14 May 79. I have the actual class schedules for the period 23 April - 14 May 79 which details time, bldg. and subject. I also have an earlier class schedule which details the subjects covered on 19, 20 April 79. If you feel you also need the class schedules (10 pages) please call me at (617) 923-5250.

Alfred L. Broz
ALFRED L. BROZ
Chief, Nondestructive
Evaluation Branch

Encl/As
CF: C. Dady/1 encl
 D. Griffis/2 encl

1986 DEC 22 PM 2:43

RECEIVED-TECHN 1

8702060245 870112
REG-1 LIC70
SNM-0244 PDR

106502 A/S8

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DEC 22 1986



DEPARTMENT OF THE ARMY
CERTIFICATE OF TRAINING

This is to certify that

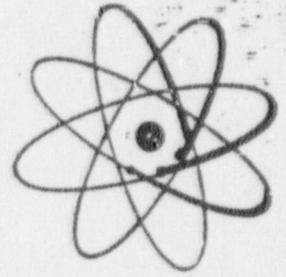
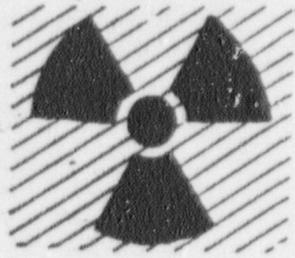
ALFRED L. BROZ

has successfully completed

RADIOLOGICAL SAFETY COURSE

Given at USAOCCS, APG, Md.
14 May 1979


CAROLYN A HARGIS
Chief, Acad Records Br. ASD



RADIOLOGICAL SAFETY HANDBOOK

COURSE _____

NAME _____

U.S. ARMY ORDNANCE CENTER AND SCHOOL, ABERDEEN PROVING GROUND, MARYLAND

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FOREWORD TO STUDENTS

This Radiological Safety Handbook is a study aid for students attending the Radiological Safety Course instructed by the NBC Division, Chemical and Ground Support Training Department, U.S. Army Ordnance Center and School, Aberdeen Proving Ground, MD 21005. It should prove invaluable in providing students with the practical knowledge of solving problems pertinent to radiological safety - a must for the completion of this course - and will be a valuable asset for on-the-job reference.

Subjects are presented numerically according to their file numbers, with pages within each lesson numbered in sequence.

Each lesson file number is presented in five parts as applicable.

- I. References and/or Discussion.
- II. Lesson Objectives and Notes.
- III. Laboratory Exercise and/or Handouts.
- IV. Problems.
- V. Solutions to Problems.

Because there may be several correct methods of solving the problems, the solutions given are for only one method. Other methods may be equally valid but may give a slightly different numerical answer; reasonable agreement, though, is necessary.

This publication has deliberately been slanted toward a specific objective; there is no claim of its being exhaustive or all-inclusive. Instructors will be happy to recommend other references when further information is desired or required.

The NBC Division welcomes any comments or corrections concerning this handbook.

Oct 77

ZKF3 - RAD SAFETY COURSE

Course Title and No.

COMPONENT Directorate Chemical, Eng Dept, Prof Div, Rad Br

ESTIMATED COST (PLA) \$ 1

Report Serial Number	Length & Weight Pages Pgs Wt (lb)	Index Title	Index Number	Exam ID No.	IP File No	Wt (lb)	Wt (lbs) (Sym)	Wt (lbs) (Pls)	Other Wt (lb)
1	22	RAD SAFETY I	01	DY 010	010		180		
2	44	RADIAC INSTRUMENTS	02	DF 140	140				020
		SHIELDING PROPERTIES	03	DF 230	230				010
		RAD SAFETY II	04	DY 020	020		360		
3	50	RAD SAFETY III	05	DY 030	030		410		
Totals									116

LICENSE NO. SUB-239, 20-01010-4, SNM-244
DOCKET NO. 043-02253, 030-04593, 070-00263
CONTROL NO. 106500, 106501, 106502

NAME ARMY, DEPARTMENT OF THE
Materials Technology Laboratory
ATTN: ~~DAVID G. JEFFES~~
Charles E. Dady
ADDRESS Arsenal Street
WATERTOWN, MA 02172

GENTLEMAN,

THIS IS TO CONFIRM ~~OUR~~ ^{my} TELEPHONE CONVERSATION ON 12/10/86
WITH Dr. Alfred Broz IN WHICH WE DISCUSSED THE INFORMATION
WE NEED TO CONTINUE REVIEW OF YOUR APPLICATION DATED 11/13/86

THE ITEMS SPECIFIED BELOW ARE THOSE WE DISCUSSED.

1. Clarify your 1979 Radiological Course, USAOCCS, APC MD. Give number of hours and the general duration of course.
- 2.
- 3.

IF WE DO NOT RECEIVE A REPLY FROM YOU WITHIN 30 CALENDAR DAYS FROM THE DATE OF THIS LETTER, WE SHALL ASSUME THAT YOU DO NOT WISH TO PURSUE YOUR APPLICATION.

ML10

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SINCERELY,

NUCLEAR MATERIALS SAFETY SECTION
NUCLEAR MATERIALS SAFETY AND SAFEGUARDS BRANCH

Concurrences:

A/S