

**ROUTING AND TRANSMITTAL SLIP**

Date

*May 5, 1999*

TO: (Name, office symbol, room number, building, Agency/Post)

Initials

Date

1. *Jim McSnight*

2.

3.

4.

5.

Action	File	Note and Return
Approval	For Clearance	Per Conversation
As Requested	For Correction	Prepare Reply
Circulate	For Your Information	See Me
Comment	Investigate	Signature
Coordination	Justify	

**REMARKS**

*The attached two pages were not included in the NU DOCS for Dept. of the Army, License No. SMB-1183, Docket No. 040-08194, Assessment No. 8707 270020. 870610 Reql LIC40, microfiche Nos. 41906-281 & 41907-097. Please have*

DO NOT use this form as a RECORD of approvals, concurrences, disposals, clearances, and similar actions

FROM: (Name, org. symbol, Agency/Post)

Room No.—Bldg.

Phone No.

*CC/26*

These two pages inserted  
 After "Training & Experience  
 with Radiation & Radioactive  
 Material of Mr. Richard Past"  
 & the accompanying actual  
 use of Radioisotopes &  
 return these two pages to  
 me after the entry has  
 been made.

TRAINING & EXPERIENCE WITH RADIATION & RADIOACTIVE MATERIAL  
OF

Mr. Richard Rast

EDUCATION: BS Degree in Chemistry, Seton Hall University,  
1949.

EXPERIENCE: Biological and Clinical Chemistry, Serology  
and Hematology (2 yrs), Monmouth Medical Center and Patterson  
Army Hospital, Ft Monmouth, NJ, 1950-52.

Health Physics, Research & Development and Calibration of  
radiation sensitive systems; design, fabrication and encapsulation  
of isotopes for calibration systems up to 200 curies level,  
1952-62.

During past ten years in the Radiac R&D Group he has applied  
his knowledge of physics, health physics, mathematics, and  
electronics to the solution of engineering problems and equipment  
design relating to the radiac development program. Specifically,  
he has worked on field calibration devices, design of new  
portable radiac equipment, a Remote Large Area Radiac Training  
Set and a Recording Radiation Monitor and Automatic Radiation  
Alarm System, 1962-72.

Actively participated in Nuclear Weapons tests at Nevada Test  
Site (NTS); operations "Upshot Knothole," "Teapot," and "Small  
Boy." Also operations "Castle," "Redwing," and "Hardtack"  
at Pacific Proving Ground, Eniwetok, M.I.

## ACTUAL USE OF RADIOISOTOPES:

Isotope	Quantity	Place	Duration	Type of Use
Co <sup>60</sup>	200 curies	Nevada	6 mos total	Equipment Calibration-Hi-range-
Co <sup>60</sup>	200 curies	Eniwetok	8 mos total	-Dosimetry
Co <sup>60</sup>	UDM-1(1-9 curies)	Evans	18 yrs (on an as needed basis)	Calibration-Dosimetry R&D
Cs <sup>137</sup>	UDM-1A(120 curies)	Evans	16 yrs (on an as needed basis)	Calibration-Dosimetry R&D
Cs <sup>137</sup>	Mrc 794(220 curies)	Evans	3 yrs	Calibrator Development
Sr <sup>90</sup> Y <sup>90</sup>	Up to 2 curies	Evans	12 yrs	Calibrator Development
Co <sup>60</sup>	3500 curies	Evans	5 yrs	Equipment Calibration-Hi-range Dosimetry R&D