Velsicol Chem	nical Corporation	
1199 Warford		
Memphis, Tenn		
2. DEPARTMENT TO USE BYPRODUCT MATER	IAL	3. PREVIOUS LICENSE NUMBER(S). (If this is an application for renewal of a license, please indicate and give number.) Renewal of
A. Dept. 41		
B. Dept. 01		41-6916-2 Amendment No. 1 (L64)
 INDIVIDUAL UŠER(S). (Name and title a supervise use of byproduct material. Give 9.) 	of individual(s) who will use or directly training and experience in Items 8 and	 RADIATION PROTECTION OFFICER (Name of person designated as radiation pro- tection officer if other than individual user. Attach resume of his training and ex- perience as in Items 8 and 9.)
John W. Pound	ers	
 (a) BYPRODUCT MATERIAL. (Elements and mass number of each.) 	ICAL FORM THAT YOU WILL POSS number, number of sources and ma	ximum activity per source.)
A. Cesium 137		ce (U.S. Radium Corp.
	Model LAB 23	36C1-6)
٥	A. 50 millicuri	les
B. Cesium 137	B. Sealed sourc	ce (Ohmart Corp. Model A-2102)
	B. 100 millicur	-
	•	
 DESCRIBE PURPOSE FOR WHICH BYPROD pleted in lieu of this item. If byproduct mak which the source will be stored and/or used.) 	erial is in the form of a sealed source, in	product material is for ''human use,'' supplement A (Form AEC-313a) must be com- clude the make and model number of the storage container and/or device in
A. To be used in	Ohmart Corporati	on Model SHRM-P source holder for
	measurements in	
-		▲ ▲
B. To be used in liquid densit	Ohmart Corporati y measurement in	on Model HM-8 source holder for a pipe line.
		60903
	(Continued on	muerre side)

						ÍRAININ		cle answerj	(Circle a	
a. Principles and practices of radiati							Ye	ns No	Yes	No
 Radioactivity measurement standardiz tion and monitoring techniques and 	£Q-						Ye	s No	Yes	No
struments									165	140
c. Mathematics and calculations basic to use and measurement of radioactivity	1						Ye	s No	Yes	No
· · · · · · · · · · · · · · · · · · ·							Ye		Yes	No
d. Biological effects of radiation								ns No		
9. EXPERIENCE WITH RADIATION. (Actu			ent exper			•	r			
ISOTOPE MAXIMUM AMOUNT	WHERE EXPERIENC	E WAS GAINED		DURATION	I OF EXP			TYPE O	FUSE	
							÷			
10. RADIATION DETECTION INSTRUMENT	S (11a 1a						•		с 	
· · · · · · · · · · · · · · · · · · ·	T		1			·	•		•	
TYPE OF INSTRUMENTS (Include make and model number of each)	NUMBER AVAILABLE	RADIATION DETECTED		IVITY RANGE (mr/hr)		OW THICKNE (mg/cm ²)			ISE reying, meau	uring,
								•		
					1		1			
1. METHOD, FREQUENCY, AND STANDARD	S USED IN CALIBRA	ating instrumen	NTS LISTE	D ABOVE.		•			ð	
					of calibre	•	essing, or no	ame of supp	• lier.)	
					of calibre	o ting and proc	essing, or no	ime of supp	• • (ier.)	
12. FILM BADGES, DOSIMETERS, AND BIO-A	SSAY PROCEDURES	S USED. (For film	n badges,	specify method		•	essing, or no	ame of supp	。 。 lier.)	
12. FILM BADGES, DOSIMETERS, AND BIO-A	SSAY PROCEDURES	S USED. (For film	badges, MITTED	specify method	TIONA	L SHEETS	-		•	
12. FILM BADGES, DOSIMETERS, AND BIO-A	SSAY PROCEDURES	S USED. (For film	badges, MITTED	specify method	TIONA	L SHEETS	-		•	ch
13. FACILITIES AND EQUIPMENT. Describe	SSAY PROCEDURES NFORMATION laboratory facilitie Yes No Describe the radia e, training, and ex	S USED. (For film N TO BE SUB s and remote hand tian protection pr	n badges, MITTED d/ing equi	specify method ON ADDI ipment, storage	TIONA containe	L SHEETS rs, shielding, . If applica	fume hoods,	, etc. Expl	anatory sket	ak
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