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Form AEC-313 (5-58)	APPLICATI	ATOMIC ENERGY	COMMISSION UCT MATERIAL LICENS	Form approved. Budget Bureou No. 38-R027.4.			
plete only items supplemental shee Commission, Wasi application, the a accordance with t	1 through 7 and indica ts where necessary. Iter hington 25, D. C. Atten policant will receive a	te new information (n 16 must be comple- ntion: Isotopes Brain AEC Byproduct M contained in Title	or changes in the program a ted on all applications. Ma nch, Division of Licensing aterial License. An AEC B	ation is for renewal of a license, com- s requested in Items 8 through 15. Use il three copies to: U. S. Atomic Energy and Regulation. Upon approval of this yproduct Material License is issued in tions, Part 30 and the Licensee is sub-			
1. (a) NAME AND STREE person, etc.)	T ADDRESS OF APPLICANT.	(Institution, firm, hospital,	(b) STREET ADDRESS(SS) AT WHICH BYPRODUCT MATERIAL WILL BE USED. (If different from 1 (a).)				
Ideal Ceme	ent Company		Ideal Cemen	t Company			
821 - 17th			Boettcher, (
Denver 2,							
	. L. Gilliland		(Plant)				
2. DEPARTMENT TO USE I	SYPRODUCT MATERIAL		license, please indicate and gi	•			
Production	Department		5-682-5 (R	enewal)			
4. INDIVIDUAL USER(S). supervise use of byprod 9.)	(Name and title of individual luct material. Give training and	(s) who will use or directly d experience in Items 8 and	5. RADIATION PROTECTION OF tection officer if other than ind perience as in Items 8 and 9.)	FICER (Name of person designated as radiation pro- ividual user. Attach resume of his training and ex-			
D.F. Carls	on, Plant Mana	ger	Bobby Joe M	c Mullan			
Bobby Joe J	McMullan, Chie	f Electrician	Leak Test by	Ohmart Corp.			
J. L. Gillila	and, General Ch	nemist					
				·			
6. (a) BYPRODUCT MATE and mass number	of each.) ICAL	FORM THAT YOU WILL PO		 MILLICURIES OF EACH CHEMICAL AND/OR PHYS led source(s), also state name of manufacturer, mode 			
C0-60	Sea		U.S. Radium Corj Model No. LAB-3	•			
,							
7. DESCRIBE PURPOSE FC pleted in lieu of this iter which the source will be	 If byproduct material is in the 	RIAL WILL BE USED. (If the form of a sealed source,	byproduct material is for "human use include the make and model num	," supplement A (Form AEC-313a) must be com- ber of the storage container and/or device in			
		control of of	inker cooler bed	(hurden) denth			
	ray level gage rce Holder SHI		miller coorer bed	lour dent debuit			
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(Continued on reverse side)

	G			WHERE 1		DURATION (TRAINING			FORMAL COURSE (Circle answer)
a. Principles and p	practices of a	radiation					Yes	No	Yes No
protection	· · · · · · · · · · ·		·						, , , , , , , , , , , , , , , , , , , ,
b. Radioactivity mea tion and monitori struments	ng techniques	and in-					Yes	No	Yes No
c. Mathematics and c		ł							·····
use and measuren	ment of radioa	ctivity					Yes	No	Yes No
d. Biological effects a	of radiation						Yes	No	Yes No
9. EXPERIENCE WITH			ise of radioisol	topes or equivale	nt experience.)		<u>1</u>	~~~	L
ISOTOPE MAXIMUM	AMOUNT	WH	ERE EXPERIENC	E WAS GAINED	DURATIO	N OF EXPERIENCE	······	TYPE O	FUSE
10. RADIATION DETE		IMENTS.		ental sheets if ne	1				
TYPE OF INS (Include make and ma		each)	NUMBER AVAILABLE	RADIATION	SENSITIVITY RANGE (mr/hr)	WINDOW THICKNES (mg/cm ²)			JSE veying, measuring)
					•••				
11. METHOD, FREQUEN	NCY, AND STAN	IDARDS U	SED IN CALIBRA	ATING INSTRUME	NTS LISTED ABOVE.				
•	*	۶.		•					
12. FILM BADGES, DOS	SIMETERS, AND	BIO-ASSA	Y PROCEDURES	S USED. (For film	n badges, specify method	l of calibrating and proc	essing, or nome	of supp	olier.)
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13. FACILITIES AND EC	DUIPMENT. D	INF éscribe lab	ORMATION oratory facilitie	N TO BE SUB	MITTED ON ADD	ITIONAL SHEETS	-		
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