

UNITED STATES NUCLEAR REGULATORY COMMISSION REGION I 475 ALLENDALE ROAD KING OF PRUSSIA, PENNSYLVANIA 19406-1415

February 13, 2001

Docket No. 03005222 Control No. 129177 License No. 29-00139-02

Thomas M. Primm Vice President, Facilities, Engineering and Administration E.R. Squibb & Sons, Inc. One Squibb Drive PO Box 191 New Brunswick, NJ 08903-0191

SUBJECT: E.R. SQUIBB & SONS, INC., ISSUANCE OF CORRECTED COPY OF LICENSE, CONTROL NO. 129177

Dear Mr. Primm:

Enclosed is the Corrected Copy of Amendment No. 97 for License No. 29-00139-02. In accordance with the telephone call on February 13, 2001 with Michael Vala, Condition No. 10.C. has been changed to authorize the use of licensed material in Items 6.S through 6.X. at the Pennington, New Jersey facility.

We apologize for any inconvenience this error may have caused.

Sincerely,

Original signed by Duncan White

Duncan White, CHP Division of Nuclear Materials Safety

Enclosure: Corrected Copy of Amendment No. 97

cc:

Michael J. Vala, CHP, Radiation Safety Officer Susan Voigt, Chair, Radiation Safety Committee

OFFICIAL RECORD COPY

OFFICE	DNMS/RI	Ν	DNMS/RI	DNMS/RI		
NAME	DWhite/ADW					
DATE	02/13/2001					

DOCUMENT NAME: C:\l29-00139-02.129177.02142001.wpd <u>To receive a copy of this document, indicate in the box: "C" = Copy w/o attach/encl</u> "E" = Copy w/ attach/encl "N" = No copy

T. Primm E.R. Squibb & Sons, Inc.

NRC FORM 374

U.S. NUCLEAR REGULATORY COMMISSION

PAGE <u>1</u> OF <u>7</u> PAGES Amendment No. 97

CORRECTED COPY

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

	Licensee			In accordance with the letter dated					
				January 17, 2001,					
1. E	. R. Squibb & Sons, Inc.			3. License number 29-00139-02 is amended in					
			EARR	its entirety to read as follows:					
	ne Squibb Drive	5		4. Expiration date September 30, 2008					
	(10) C			5. Docket No. 030	-052	222			
N	ew Brunswick, New Jersey 0890	03-019	91	Reference No.	3	p			
	4	0		1050		7			
6.	Byproduct, source, and/or special nuclear material	7.	Chemical and/or p	physical form	8.	Maximum amount that licensee may possess at any one time under this license			
A.	Any byproduct material with Atomic Nos. 1-83 except Strontium 90	A.	Any	and a start	Α.	5 curies per radionuclide and 1000 curies total			
В.	lodine 131	В.	Any	D-K	В.	150 curies			
C.	Hydrogen 3	C.	Any	A 44	C.	20 curies			
D.	Carbon 14	D.	Any		D.	20 curies			
E.	Sulfur 35	E.	Any	**	E.	10 curies			
F.	Strontium 90	F.	Any		F.	2 millicuries			
G.	Any byproduct material with Atomic Nos. 84-103	G.	Any		G.	1 millicurie			
Н.	Nickel 63	H.	Plated sources cells	in detector	H.	Not to exceed 15 millicuries per source and 750 millicuries total			
I.	Any byproduct material with Atomic Nos. 1-83 except Strontium 90	I.	Any		I.	200 millicuries per radionuclide and 6 curies total			
J.	Hydrogen 3	J.	Any		J.	7 curies			
K.	Carbon 14	K.	Any		K.	5 curies			
L.	Phosphorus 33	L.	Any		L.	1 curie			

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	License Nur 29-0013						
MATERIALS LI	CENSE Docket or R	Docket or Reference Number					
SUPPLEMENTAR		030-05222					
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 Byproduct, source, and/or special nuclear material 	7. Chemical and/or physical form	 Maximum amount that licensee may possess at any one time under this license 					
M. Sulfur 35	M. Any	M. 10 curies					
N. Molybdenum 99/Technetium 99m	N. Any	N. 50 curies					
O. lodine 125	O. Any	O. 500 millicuries					
P. lodine 131	P. Any	P. 500 millicuries					
Q. Technetium 99	Q. Any	Q. 200 millicuries					
R. Nickel 63	R. Plated sources in detector cells	R. Not to exceed 15 millicuries per source and 750 millicuries total					
S. Any byproduct with Atomic Nos. 1-83 except Strontium 90	S. Any	S. Not to exceed 200 millicuries per radionuclide and 6 curies total					
T. Hydrogen 3	T. Any	T. 500 millicuries					
U. Carbon 14	U. Any	U. 500 millicuries					
V. Sulfur 35	V. Any	V. 300 millicuries					
W. Calcium 45	W. Any	W. 300 millicuries					
X. Nickel 63	X. Plated sources in detector cells	X. Not to exceed 15 millicuries per source and 750 millicuries total					
 Y. Any byproduct material with Atomic Nos. 1 through 83 except Strontium 90 	Y. Any	Y. Not to exceed 10 millicuries per radionuclide and 1 curie total					
Z. Hydrogen 3	Z. Any	Z. 100 millicuries					
AA. Carbon 14	AA. Any	AA. 100 millicuries					
BB. Sulfur 35	BB. Any	BB. 300 millicuries					
CC. Phosphorous 32	CC. Any	CC. 100 millicuries					
DD. Phosphorous 33	DD. Any	DD. 200 millicuries					
EE. lodine 125	EE. Any	EE. 50 millicuries					

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		CORRECTED	COPY										
6. Byproduc nuclear m		nd/or special	7. C	Chemical and/or physica	l form	р	laximum amo ossess at an cense						
FF. Nicke	el 63		FF.	Plated sources in cells	detector	FF.	Not to ex per sourc millicurie	ce and 7		licuries			
9. Authori	ized use:		. 62	EALLIC	10/2								
A. and B.	(1) (2) (3) (4)	For possess radiopharma For storage radiopharma For packagir radiopharma the terms an	ion, use, ceutical prior to c ceutical ng and d ceutical d condit	distribution of manuf s. istribution of manufa s to persons authori ions of a specific lic	actured rac actured rac actured rac zed to rece	e manu diocher diocher eive the	facture of nicals and nicals and licensed r	radioch material	purs				
C. through I	FF.	Research ar	d develo	greement State. opment as defined in	n 10 CFR 3	30.4 inc	luding ani	mal stuc	dies;				
F. and G. H., R., X., a	calibration of instruments.				are distribu		•	ific licen	se is	sued by			
			())	CONDITIONS	* `								
				rough 6.H. may only k, New Jersey.	y be used a	at the li	censee's fa	acilities	locat	ed at			
				ough 6.R. may only I, Lawrenceville, Ne		t the lic	ensee's fa	cilities lo	ocate	ed at			
	C. Licensed material in Items 6.S. through 6.X. may only be used at the licensee's facilities located at 311 Pennington-Rocky Hill Road, Pennington, New Jersey.												
				rough 6.FF. may on milton, New Jersey.	ly be used	at the	licensee's	facilities	s loca	ated at			

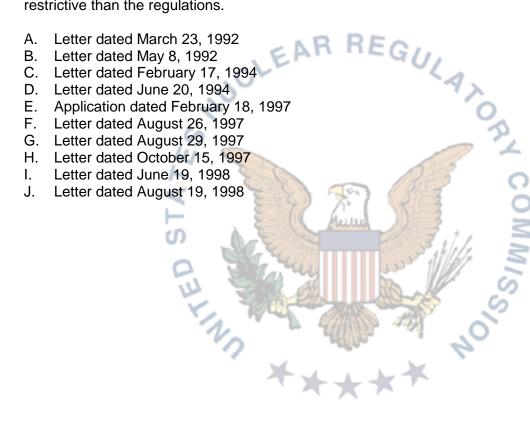
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11.	A.		nsed material shall be used by, or under the supe see's Radiation Safety Committee.	rvision of, individuals designated by the							
	B.										
	D.	me	Radiation Safety Officer for this license is Michae	IJ. Vala, CHF.							
12.			ise does not authorize commercial distribution of to 10 CFR 31 or to persons exempt from licensin								
13.	The	licen	see shall not use licensed material in or on huma	n beings.							
14.	The	licen	see shall not use licensed material in field applica	ations where activity is released.							
15.	•	erime sump	ental animals administered licensed materials or the tion.	heir products shall not be used for human							
16.	A.	conta	ed sources and detector cells containing licensed amination at intervals not to exceed six months of ficate of registration referred to in 10 CFR 32.210	at such other intervals as are specified by the							
	В.		vithstanding Paragraph A of this Condition, sealed								
	C.	mon	e absence of a certificate from a transferor indica ths prior to the transfer, a sealed source or detect ut into use until tested.								
	D.		n sealed source fabricated by the licensee shall be age, and contamination prior to any use or transfe	•							
	E.	Seal	ed sources and detector cells need not be leak te	ested if:							
		(I)	they contain only hydrogen-3; or								
		(ii)	they contain only a radioactive gas; or								
		(iii)	the half-life of the isotope is 30 days or less; or								
		(iv)	they contain not more than 100 microcuries of be than 10 microcuries of alpha emitting material; o								

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	F.	test cont dete of in the	they are not designed to emit alpha particles, are when they are removed from storage for use or t tested within the required leak test interval, they sealed source or detector cell shall be stored for tested for leakage and/or contamination. test shall be capable of detecting the presence of sample. If the test reveals the presence of 0.005 tamination, a report shall be filed with the U.S. Nuc ector cell shall be removed immediately from servic accordance with Commission regulations. The re leak test result is known with the U.S. Nuclear Reg clear Materials Safety Branch, 475 Allendale Road,	transfer to another person, and have not been shall be tested before use or transfer. No a period of more than 10 years without being t 0.005 microcurie of radioactive material on the microcurie or more of removable clear Regulatory Commission and the source or ce and decontaminated, repaired, or disposed eport shall be filed within five days of the date gulatory Commission, Region I, ATTN: Chief,						
			ort shall specify the source or detector cell involved							
	G.	for I	licensee is authorized to collect leak test samples eakage and/or contamination may be performed b nmission or an Agreement State to perform such s	by persons specifically licensed by the						
17.	with	a pr	r cells containing a titanium tritide foil or a scandiur operly operating temperature control mechanism on ng that specified by the manufacturer.							
18.	18. The licensee shall conduct a physical inventory every six months, or at other interval approved by NRC, t account for all sealed sources and/or devices received and possessed under the license.									
19.	sour	rce u	nsee shall not acquire licensed material in a sealed inless the source or device has been registered wi 32.210 or with an Agreement State.							
20.			sources or detector cells containing licensed mater arce holders by the licensee.	rial shall not be opened or sources removed						

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21.	Con proc Eme Con Rad deci the Chie Con	tingency cedures a ergency (nmission liological rease the plan with ef, Nuclea nmission,	s necessary to implement the plan. The licer Contingency Plan that would decrease the res approval as evidenced by license amendmen Emergency Contingency Plan without prior Co response effectiveness of the plan, and shall out prior approval for a period of two years fro ar Materials Safety Branch, Division of Nuclea	ary 18, 1997. The licensee shall also maintain have shall make no change in his Radiological ponse effectiveness of the plan without prior t. The licensee may make changes to his ommission approval if the changes do not I maintain records of changes that are made to om the date of the changes and shall furnish the ir Materials Safety, U.S. Nuclear Regulatory ia, Pennsylvania 19406, a report containing a
22.	The	licensee ay-in-stor Waste to	is authorized to hold radioactive material with age before disposal in ordinary trash, provide b be disposed of in this manner shall be held to lisposal as ordinary trash, the waste shall be s	a physical half-life of less than 120 days for ed: for decay a minimum of ten half-lives.
	C.	determin removed A record years. T placed in the dose	l or obliterated. of each such disposal permitted under this L he record must include the date of disposal, the storage, the radionuclides disposed, the sur	d from background. All radiation labels shall be
23.			may transport licensed material in accordanc rtation of Radioactive Material."	e with the provisions of 10 CFR 71, "Packaging
24.			shall submit a revised Decommissioning Fun to the Nuclear Regulatory Commission's Reg	

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25. Except as s	pecifically provided otherwise in this license, th	e licensee shall con	duct its	prog	gram	ı in	

accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations.



For the U.S. Nuclear Regulatory Commission

Date _____ Eebruary 13, 2001____

By

Original signed by Duncan White

Duncan White Division of Nuclear Materials Safety Region I King of Prussia, Pennsylvania 19406