NRC FORM 374 U.S. NUCLEAR REGULATO	DRY COMMISSION PAGE1_OF _3_PAGES Amendment No. 11						
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 letter dated						
	October 14, 2004,						
1. Aastrom Biosciences	3. License number 21-26519-01 is amended in						
2. P.O. Box 376	Its entirety to read as follows:						
Ann Arbor MI 18106	4. Expiration date March 31, 2014						
EAR R	Reference No.						
6. Byproduct, source, and/or special nuclear material	rsical form 8. Maximum amount that licensee may Opossess at any one time under this mense						
A. Phosphorus-32 9	A. ² 30 millicuries						
B. Phosphorus-33	B. 30 millicuries						
E. Hydrogen-3	E. c 20 millicuries						
9. Authorized Use:	No'						
A. through E. To be used as described in application	ation dated September 9, 2003.						
CONDIT	<u>10NS</u>						
10. Licensed material shall be used only at the licensee's facilities located at 24 Frank Lloyd Wright Drive, Domino's Farms, Lobby L. Ann Arbor, Michigan							
11. The Radiation Safety Officer: Douglas M. Smith, Pl	h.D.						

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						License Number 21-26519-01					
MATERIALS LICENSE SUPPLEMENTARY SHEET				Docket or Reference Number 030-33266							
					Amendment	No.11					
12.	12. Licensed material listed in Item 6 above is authorized for use by the following individual(s) for the materials and uses indicated:										
	A.	Douglas M	. Smith			All					
	B.	Gayle C. G	Gorgas			Ali					
	C.	Kristin L. C	Soltry			All					
	D.	Gregory P	oynter	EAF	λ REG	i U All					
	E.	Rachel Ca	layag	1015		ATI A >	~				
	F.	Michael La	aForest 🔶			Hydroge	n-and chro	omiur	n-51		
13.	The dec	e licensee is xay-in-storag	ی authoriz ed to l ge befo re d ispo ح	hold satisative sal in states	e material wit trash provide	haionysical t	nalf-li @ of let	ss tha	an 65 day	/s for	
	Α.	Radioactiv 10 half-live	e wastq to be o	disposed allos		held f	or decay a r	ninim	um of		
	В.	Before dis the approp that its rac or oblitera	posal as ordina priate meteryse lioactivity can ted.	ary trastropped t on as a per se ot be distinguis	he day	shall of sun and with no i skewound. All	veye ch at the nterposed s rediation la C	conta hieldi bels s	ainer sur ng to det shall be r	face with ermine emoved	
	C.	A record c record mu storage, th dose rate performed	of each disposa ist include the c ne radionuclide measured at th I the disposal.	al permitter (und date of disposed s disposed, the ne surface of ea	ler this Licen the determine survey instr ach waste co	se Condition (which the by ument used, ntainer, and t	shall be reta /product ma the backgro he name of	ined terial und c the ir	for 3 yea was plac lose rate ndividual	rs. The ed in , the who	
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MATERIALS LICENSE SUPPLEMENTARY SHEET						License Number 21-26519-01 Docket or Reference Number 030-33266 Amendment No.11					
14.	14. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The U.S. 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.										
	A. Application dated September 9, 2003; and										
	B. Attachment D, " <u>Radiation Safety Manual</u> ", to revised application dated July 26, 1993, submitted under letter dated September 7, 1993; Red R E G U.										
	C.	Letter dated	October 14, 20	94		AX					
			VITED STATES			A COUNTS S					
				FOR THE	U.S. N	UCLEAR REGULAT	rory c	MO;	NISSI	ON ,	
Da	ate	<u>NOV 2 6 20</u>	<u>04</u>	By Toye Mate Regi	L. Sim erials Lie ion III	H. Jummi mons censing Branch	ond			_	