

MEMORANDUM TO:

George Pangburn, Director  
Division of Nuclear Materials Safety, RI

December 9, 1999

Douglas M. Collins, Director  
Division of Nuclear Materials Safety, RII

Cynthia D. Pederson, Director  
Division of Nuclear Materials Safety, RIII

Dwight D. Chamberlain, Director  
Division of Nuclear Materials Safety, RIV

FROM: John W. Hickey, Chief [orig. signed by]  
Materials Safety and Inspection Branch  
Division of Industrial and  
Nuclear Materials Safety, NMSS

SUBJECT: STATUS OF SEALED SOURCE AND DEVICE REQUEST FOR  
REGISTRATION

Attached is a listing of the sealed source and device pending cases as of  
December 1, 1999. There are no pending actions that were submitted as a Technical  
Assistance Report from the Regions, and Attachment 1 lists all actions that have been filed  
directly by the vendors for product evaluation and registration.

Attachments: As stated

CONTACT: Traci Kime, NMSS/IMNS/MSIB  
301-415-8140

DISTRIBUTION: w/enclosures

V. Campbell, RIV	J. Kinneman, RI	J. Madera, RIII
M. Lesser, RII	C. Frazier, RIII	G. Shear, RIII
L. J. Baynard, PMDA	NEO2-SSD <i>JK</i>	L. Howell, RIV
S. Moore, MSIB	C. Hosey, RII	M. Shanbaky, RI
F. Costello, RI	S. Villar, RI	C. Cain, RIV
R. Caniano, RIII	NMSS r/f	M. Phillips, RIII
S. Kimberley, LFDCB	B. Prange, RIV	M. Meenan, RIII
T. Decker, RII	B. Spitzberg, RIV	IMNS r/f
J. Piccone	D. Cool	

DOCUMENT NAME: H:\Traci\Regions. Reg

OFC	MSIB	C	MSIB	MSIB
NAME	Traci Kime <i>JK</i>		Fritz Sturz	John Hickey
DATE	12/3/99		12/6/99	12/9/99

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*PDR RC X SSB*

# Pending Sealed Source & Device Actions

*Actions received during the period 1/1/01 to 12/1/99*

For actions recorded as of Wednesday, December 01, 1999

Date Received	Assign. # Reviewer	Actions	Company	Model Numbers	Status
1/6/98	98-05 Jankovich	1	Seaman Nuclear Corp.	C-300	To Fees on 1/7/98. Case has been reassigned to S.Lee on 1/29/98. Rtrned frm fees on 2/2/98. Def. ltr sent on 4/16/98. Response rec'd on 6/3/98. Def. ltr sent on 10/19/98. Waiting for Commission decision.
3/5/99	99-18 Burgess	1	Advanced Detection Tech.	303-2160, 313-2180, 312-2280	To Fees 3/5/99. Ret'd from Fees 3/12/99.
3/11/99	99-19 Burgess	2	US Dept of Transportation	MC-DMD & CMD-1	To Fees 3/11/99. Ret'd from Fees 3/15/99.
4/5/99	99-23 Lee	1	GE Medical Systems	ATC Rod Unit	To Fees 4/5/99. Def. ltr sent 5/5/99. Def. ltr 7/7/99. Transferred to USB for 2nd signature on 11/5/99.
4/19/99	99-26 Burgess	1	Apgee Corporation	LB 6600 Series	To Fees 4/20/99. NR-112-D-105-S to inactive status.

# Pending Sealed Source & Device Actions

*Actions received during the period 1/1/01 to 12/1/99*

For actions recorded as of Wednesday, December 01, 1999

Date Received	Assign. # Reviewer	Actions	Company	Model Numbers	Status
4/21/99	99-27 Jankovich	1	GRAY*STAR, INC.	GS-42	To Fees 4/21/99. Modifications of the Gray*Star and GS-42 Sealed Source. Ret'd from Fees 4/26/99. Graystar briefed staff 5/11/99. Memo sent to J. Craig 6/1/99. Acceptance review completed, ltr sent 6/22/99. Def. ltr sent 7/26/99. Environmental Request to OGC 5/27/99. GrayStar requested, in ltr dtd 8/12/99, an extension til 9/26/99, to respond to the def. ltr. Ltr sent 9/10/99 informing GrayStar of acceptance to extend response time to 9/27/99. Team review of response completed 11/2-4/99.
4/30/99	99-31 Burgess	1	Air Products & Chemical	IMA-1A	
5/12/99	99-35 Bhachu	1	Graseby STI	4000	To Fees 5/12/99. AR-101-D-101-G Ret'd from Fees 5/24/99.
5/21/99	99-37 Bhachu	1	Hemisphere Forwarding, Inc	EI100BUS, EI	To Fees 5/21/99. Adding Model Number SS-668 to NR-1040-D-101-E. Ret'd from Fees 7/21/99. Def. response rec'd 9/29/99.
7/7/99	99-45 Lee	1	Environmental Tech. Group	Gas/Aerosol Detector	To Fees 7/7/99. Ret'd from Fees 7/12/99. Transferred to S. Lee 9/8/99. SJL gave Fritz memo on 11/1/99 to OGC asking for interpretation.

# Pending Sealed Source & Device Actions

*Actions received during the period 1/1/01 to 12/1/99*

For actions recorded as of Wednesday, December 01, 1999

Date Received	Assign. # Reviewer	Actions	Company	Model Numbers	Status
7/7/99	99-44 Jankovich	1	MDS Nordion	TheraSphere Yttrium-90 Glass Microspheres	To Fees 7/7/99. Check 2047767 sent in the amount of \$910.00. Acceptance review completed and ok 8/11/99. Ret'd from Fees 9/1/99. Draft def. ltr given to M. Burgess on 9/2/99 for 2nd review. Transferred to S. Lee for 2nd review. Affidavit sent to Ann Warbick 10/26/99. Def. ltr sent 11/23/99.
7/20/99	99-47 Jankovich	1	Metorex	SIPS Probe	To Fees 7/20/99. Amendment to NR-0701-D-104-B. Paid registration fee in the amount of \$590.00 (Check #23747). Returned from Fees 7/30/99. Acceptance review complete 7/30/99. Draft def. ltr and draft certificate was given to M. Burgess on 8/31/99 for 2nd review. Transferred to S. Lee for 2nd review. Def. ltr sent 11/18/99.
8/17/99	99-51 Burgess	16	Nuclear Research Corp.	SH-300 SERIES, LS 101, NRC-D-701049	To Fees 8/17/99. Name change and ownership change. (NR-504-D-109-B, NR-504-D-111-B, NR-504-D-117-S & License #37-02401-05E.) Ret'd from Fees 9/1/99. Acceptance review completed 8/30/99. 9/10/99 def. response.
9/1/99	99-53 Bhachu	1	Mine Safety Appliances, Co	03-ACAMS-SF/AF, OEM-FIS	To Fees 9/1/99. Adm. review completed 9/1/99. Tech. acceptance review complete 9/14/99. Def. ltr sent 11/22/99.

# Pending Sealed Source & Device Actions

*Actions received during the period 1/1/01 to 12/1/99*

For actions recorded as of Wednesday, December 01, 1999

Date Received	Assign. # Reviewer	Actions	Company	Model Numbers	Status
9/13/99	99-54 Bhachu	2	Barringer Instruments, Inc	Ion Scan	To Fees 9/14/99. Also need to amend License #29-28620-02G Ret'd from Fees 9/17/99.
9/17/99	99-55 Lee	2	IDS Intelligent Detector	Ion Mobility	To Fees 9/20/99. Tony Kirkwood has the licensing part of it (License # 54-23849-01E). Ret'd from Fees 9/27/99. This case is tied with a licensing action that TKirkwood is working on. ASK wrote rejection letter and waited for OGC concurrence. Casework to be terminated.
9/24/99	99-56 Burgess	2	Air Products & Controls	Husman 520	To Fees 9/24/99. Name Change to NR-1060-D-101-E and to License #21-23805-02E. (License amended by Raeann Shane 9/24/99). Returned from Fees 9/29/99. Acceptance review ok 10/5/99. 10/6/99 def. call.
9/30/99	99-57 Bhachu	4	Stocker & Yale	13208E4680, 100/1 & SY-183	To Fees 9/30/99. Stocker & Yale will be selling their assets to Commenga Associates. Will be changing the following:  Reg. Certs.: NR-210-D-101-E, NR-622-D-102-E  Licenses:  21-26460-02-E & 28-23842-03E. (Will assign these to Tony Kirkwood). Returned from Fees 10/8/99.

# Pending Sealed Source & Device Actions

*Actions received during the period 1/1/01 to 12/1/99*

For actions recorded as of Wednesday, December 01, 1999

Date Received	Assign. # Reviewer	Actions	Company	Model Numbers	Status
10/18/99	99-58 Burgess	1	Web Research Company	MS9 Series	To Fees 10/18/99. Application for Mossbauer sources containing Tin-119m to be distributed only to specific licensees in accordance with 10 CFR 32.210. Fee sent in for \$1,580.00. Check #3438. Ret'd frm Fees 10/25/99. Acceptance review ok 10/28/99 (MLB).
10/29/99	99-61 Burgess	1	Department of the Army	GID-3	Amendment to become custom user as two Federal Agencies. See 7/27/99 e-mail attached. To Fees 10/29/99. Acceptance review ok 11/2/99 (MLB). Rec'd from Fees 11/18/99.
11/10/99	99-62 Burgess	7	Agilent Technologies	G1223A, G1533, 19233 etc.	To Fees 11/10/99. Amendment to NR-348 registration certs. Acceptance review ok'd 11/15/99. Rec'd from Fees 11/18/99.
11/18/99	99-63 Bhachu	3	Metorex	880, 820, 840, HEPS, LEPS, DOPS, SAPS, SSPS	To Fees 11/18/99. Amendment to TX-227-D-101-G, NR-551-D-104-B, NR-701-D-101-G. Ret'd from Fees 12/1/99.

Total Open Case(s) is 22 Totaling 52 Action(s)

# Pending Sealed Source & Device Actions Tied to Licensing Actions

*By Region for the period 1/1/01 to 12/3/99*

Actions recorded as of Friday, December 03, 1999

## **SSSS**

22 Case(s) Assigned to Reviewer(s) Totaling 52 Action(s)

<b>Control Number</b>	<b>Assign. # Actions</b>	<b>Reviewer</b>	<b>Company</b>	<b>Model Numbers</b>
0	98-05 1	Jankovich	Seaman Nuclear Corp.	C-300
0	99-18 1	Burgess	Advanced Detection Tech.	303-2160, 313-2180, 312-2280
0	99-19 2	Burgess	US Dept of Transportation	MC-DMD & CMD-1
0	99-23 1	Lee	GE Medical Systems	ATC Rod Unit
0	99-26 1	Burgess	Apgee Corporation	LB 6600 Series
0	99-27 1	Jankovich	GRAY*STAR, INC.	GS-42
0	99-31 1	Burgess	Air Products & Chemical	IMA-1A
0	99-35 1	Bhachu	Graseby STI	4000
0	99-37 1	Bhachu	Hemisphere Forwarding, Inc	EI100BUS, EI
0	99-44 1	Jankovich	MDS Nordion	TheraSphere Yttrium-90 Glass Microspheres
0	99-45 1	Lee	Environmental Tech. Group	Gas/Aerosol Detector

# Pending Sealed Source & Device Actions Tied to Licensing Actions

*By Region for the period 1/1/01 to 12/3/99*

Actions recorded as of Friday, December 03, 1999

## **SSSS**

22 Case(s) Assigned to Reviewer(s) Totaling 52 Action(s)

<b>Control Number</b>	<b>Assign. # Actions</b>	<b>Reviewer</b>	<b>Company</b>	<b>Model Numbers</b>
0	99-47 1	Jankovich	Metorex	SIPS Probe
0	99-51 16	Burgess	Nuclear Research Corp.	SH-300 SERIES, LS 101, NRC-D-701049
0	99-53 1	Bhachu	Mine Safety Appliances, Co	03-ACAMS-SF/AF, OEM-FIS
0	99-54 2	Bhachu	Barringer Instruments, Inc	Ion Scan
0	99-55 2	Lee	IDS Intelligent Detector	Ion Mobility
0	99-56 2	Burgess	Air Products & Controls	Husman 520
0	99-57 4	Bhachu	Stocker & Yale	13208E4680, 100/1 & SY-183
0	99-58 1	Burgess	Web Research Company	MS9 Series
0	99-61 1	Burgess	Department of the Army	GID-3
0	99-62 7	Burgess	Agilent Technologies	G1223A, G1533, 19233 etc.
0	99-63 3	Bhachu	Metorex	880, 820, 840, HEPS, LEPS, DOPS, SAPS, SSPS



Pending Sealed Source & Device Actions  
Tied to Licensing Actions

*By Region for the period 1/1/01 to 12/3/99*

Actions recorded as of Friday, December 03, 1999

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22 Case(s) Assigned to Reviewer(s) Totaling 52 Action(s)

Control Number	Assign. # Actions	Reviewer	Company	Model Numbers
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**Total Open Case(s) for All Regions is 22 Totaling 52 Action(s)**