

February 19, 1997

MEMORANDUM TO: Francis M. Costello, Chief  
Nuclear Materials Safety Branch III, RI

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

Roy J. Caniano, Deputy Director  
Division of Nuclear Materials Safety, RIII

Linda Howell, Chief  
Nuclear Materials Inspection Branch, RIV

D. Blair Spitzberg, Chief  
Nuclear Materials Licensing Branch, RIV

Frank Wenslawski, Chief  
Walnut Creek Field Office, RIV

FROM: Larry W. Camper, Chief  
Medical, Academic, & Commercial  
Use Safety Branch  
Division of Industrial and  
Medical Nuclear Safety, NMSS

SUBJECT: STATUS OF SEALED SOURCE AND DEVICE REQUEST FOR  
REGISTRATION

Attached are listings of the sealed source and device pending cases as of  
February 18, 1997. Attachment 1 contains actions that were submitted as a technical  
assistance request from headquarters or the regions, and attachment 2 lists those actions that  
have been filed directly by the vendor, for product evaluation and registration.

Attachments: As stated  
Contact: KimBerly Randall, NMSS  
(301) 415-7857.

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SGreene, IMAB	VCampbell, RIV	SSSS Staff	w/o encls.
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GJackson, LFMB	JJohansen, RI	BJHOLT, RIII	
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CBoyle, IMAB	LJacobs-Baynard, PMDA	SVillar, RI	
MMeenan, RIII	WEO2-SSD-7 CE	MPhillips, RIII	
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## Pending Sealed Source & Device Actions Tied to Licensing Actions

*By Region for the period 1/1/01 to 2/19/97*  
Actions recorded as of Wednesday, February 19, 1997

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**HQ**

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5 Case(s) Assigned to Reviewer(s) Totaling 8 Action(s)

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Control Number	Assign. # Actions	Reviewer	Company	Model Numbers
021878	96-104 1	Kirkwood	Kidde Fenwal, Inc.	CPD 705X Smoke Detector
021882	96-105 1	Burgess	Detection Systems, Inc.	DS260 Ionization Smoke Detector
021890	97-03 2	Unassigned	Hesco, Inc.	ML 416XX, ML 404
021891	97-04 1	Unassigned	Hochiki America Corp.	SI_Series
0216650	96-45 3	Brown	E.I. Company	EI 100BUS, 100SUS, 100LUS

# Pending Sealed Source & Device Actions Tied to Licensing Actions

*By Region for the period 1/1/01 to 2/19/97*

Actions recorded as of Wednesday, February 19, 1997

RI

4 Case(s) Assigned to Reviewer(s) Totaling 17 Action(s)

Control Number	Assign. # Actions	Reviewer	Company	Model Numbers
109601	96-113 14	Broadus	Safety Light Corporation	Various
120195	94-60 1	Broadus	Bethlehem Steel Corp.	28-8E
123903	96-115 1	Brown	Thermo Environmental Instr	NES-8200
123899	96-114 1	Rich	Thermo Environmental Instr	WA1186

# Pending Sealed Source & Device Actions

*Actions received during the period 1/1/01 to 2/19/97*

For actions recorded as of Wednesday, February 19, 1997

Date Received	Assign. # Reviewer	Actions	Company	Model Numbers	Status
8/8/91	91-81 Smith	1	LTV Steel Corp	Safety Ray	New Fee Rule Related Tk 10/23 Ready For Review 10/23 Action has been reassigned to B. Smith on 7/22/96. Def. ltr sent on 9/4/96. Rcvd def. response by fax on 12/20/96 and a ltr of the same on 10/24/96.
10/17/94	94-60 Broadus	1	Bethlehem Steel Corp.	28-8B	To fees on 11/1/94. Ltr frm fees to Bethlehem Corp. req. additional fees. 11/7/94. Rtrned frm fees on 1/5/95. def ltr 1/31/95 to request complete package. 30 day abandonment ltr sent 9/8/95 Rcvd reply frm abandonment ltr on 10/10/95.
11/14/94	94-77 Burgess	1	Sentinel	918	To fees on 11/16/94. Rtrned from fees on 11/18/94. Def. call on 9/19/95. Fax recvd on 9/28/95 Def. ltr sent 11/21/95. Def. resp. on 1/2/96. Additional inf. rcvd on 8/26/96. Action has been transferred to M. Burgess frm T. Rich.

# Pending Sealed Source & Device Actions

*Actions received during the period 1/1/01 to 2/19/97*

For actions recorded as of Wednesday, February 19, 1997

Date Received	Assign. # Reviewer	Actions	Company	Model Numbers	Status
12/7/94	94-82 Brown	1	Dept. of the Air Force	MNRS	<p>To fees on 12/14/94.  Rtrned frm fees on 12/23/94.  draft def ltr and tech rpt  3/2/95. gave to D Tang to  review 3/6/95.  Discussed in detail during  4/4/95 mtg.  Steve worked closely with  Jupiter on Numerous  occasions- Trng.  DEF LTR 05/11/95.  Def. call on 9/22/95.  30 day void ltr sent on  11/16/95.  Action has been transferred to  C. Brown on 2/26/96.  Resp. recvd on 2/21/96.  Def. call on 9/24/96.</p>
4/6/95	95-33 Broaddus	1	IMS	5245	<p>To fees 4/10/95. Fee ok  5/1/95.  Approved for one model,  remainder of amendment  under review as of 6/22/95.  Def. ltr sent on 7/24/95.  Awaiting Def. response.  Action has been transferred to  D. Broaddus frm M. Perkins  as a 8/14/95.  Def. resp. rcvd on 3/6/96.  Def. ltr sent on 3/21/96.  Rcvd def. resp. on 4/19/96.  Def. resp. on 04/19/96.</p>

# Pending Sealed Source & Device Actions

*Actions received during the period 1/1/01 to 2/19/97*

For actions recorded as of Wednesday, February 19, 1997

Date Received	Assign. # Reviewer	Actions	Company	Model Numbers	Status
4/19/95	95-38 Lubinski	1	DuPont Merck	NER-004P/004/004-R	combine NR-476-S-131-S and NR-476-S-151-S. NOT SENT TO FEES. ON HOLD UNTIL 1/6/96. On hold until Savannah River completes its testing of oxidation of plated sources.
5/9/95	95-44 Broaddus	1	Dept. of Army	CAM	NR-155-D-119-S to fees 5/12/95. fee OK 5/16/95. Def. ltr sent on 7/20/95. Action has been transferred to D. Broaddus frm M. Perkins as of 8/14/95. Resp. rcvd on 10/18/95. Def. call on 9/27/96. Resp. rcvd by fax on 9/27/96. Def. call on 11/20/96. Resp. rcvd on 12/12/96.
5/19/95	95-47 Broaddus	1	Sony Chemical Corp.	WG8	new custom device to fees 5/19/95. fee OK 5/24/95. Def. ltr sent on 7/15/96. Resp. rcvd on 12/6/96.

# Pending Sealed Source & Device Actions

*Actions received during the period 1/1/01 to 2/19/97*

For actions recorded as of Wednesday, February 19, 1997

Date Received	Assign. # Reviewer	Actions	Company	Model Numbers	Status
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6/13/95	95-54 Burgess	1	Hauni Richmond, Inc.	2314 0-0 DS	To fees with ck on 6/15/95. Rtrned frm fees on 6/16/95. Assigned to M. Burgess on 10/4/95. Def. ltr sent on 2/14/96. Def. ltr sent on 5/02/96. Resp. expected on 8/1/96. Resp. rcvd on 7/31/96. Def. call on 11/8/96. Def. Resp. on 12/26/96. Def. ltr sent on 1/16/97.
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9/28/95	95-87 Lubinski	6	LFE Corporation	6 - Actions	N/A to Fees. Resp. recd 10/2/95 Def. ltr sent on 2/20/96. Resp. is due by Oct. 96. Def. 2 sent on 11/1/96. Provided ltr on 11/14/96 re. Status Report. Partial response due on 2/97. Partial resp. rcvd on 1/24/97.
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# Pending Sealed Source & Device Actions

*Actions received during the period 1/1/01 to 2/19/97*

For actions recorded as of Wednesday, February 19, 1997

Date Received	Assign. # Reviewer	Actions	Company	Model Numbers	Status
11/17/95	95-115 Smith	1	Seaman Nuclear Corp.	C-NOO	To fees on 11/27/95. Rtrnd frm fees on 12/6/95. RUSH Def. ltr and fax sent on 8/14/96. 30 day void letter sent on 10/16/96. Partial resp. rcvd from consultant on 10/21/96. Rcvd other def. resp on 12/17/96. Rcvd 3rd partial resp. on 1/22/97. Still waiting for 4th resp from ltr sent on 8/14/96 Rcvd Def. resp on 2/3/97.
12/1/95	95-117 Burgess	1	Advanced Medical Systems	C-9	To Fees on 12/5/95 Rtrnd frm fees on 12/18/95. Action has been transferred to M. Burgess as of 10/3/96. Def. call on 10/4/96.
12/1/95	95-118 Burgess	1	Advanced Medical Systems	3800	To Fees on 12/5/95 Rtrnd frm fees on 12/18/95. Action has been transferred to M. Burgess as of 10/3/96. Def. call on 10/4/96.
12/1/95	95-119 Burgess	1	Advanced Medical Systems	V-9	To Fees on 12/5/95 Rtrnd frm fees on 12/18/95. Action has been transferred to M. Burgess as of 10/3/96. Def. call on 10/4/96.



# Pending Sealed Source & Device Actions

*Actions received during the period 1/1/01 to 2/19/97*

For actions recorded as of Wednesday, February 19, 1997

Date Received	Assign. # Reviewer	Actions	Company	Model Numbers	Status
12/26/95	95-124 Burgess	1	Amersham Corporation	662	To Fees on 12/27/95. Rtrned frm fees on 1/26/96. Def. ltr sent on 5/1/96. Recvd on 8/26/96. Resp. rcvd on 8/26/96.
1/11/96	96-03 Burgess	1	Amersham Corporation	920	To fees on 1/19/96. Rtrned frm fees on 1/26/96. See also 96-53 and 96-54 Additional inf. rcvd on 7/12/96.
1/19/96	96-04 Burgess	1	Sentinel	J - Tubes	To fees on 1/24/96 Def. Mtg. 2/1/96 Def. Call 2/8/96 Def. ltr sent on 02/21/96 Resp. Rec'd on 4/18/96 Def. ltr sent on 5/1/96 Resp. rcvd on 8/26/96 Action has been transferred to M. Burgess frm T. Rich. Action has been abandoned due to nonpayment of fees. 11/8/96.
2/13/96	96-09 Smith	1	Ohmart	SH-F, SH, SR Series	To fees on 2/15/96. Rtrned frm fees on 2/16/96 Action will be reassigned to Eric Jamerson. Action has been reassigned to B. Smith on 7/22/96.

# Pending Sealed Source & Device Actions

*Actions received during the period 1/1/01 to 2/19/97*

For actions recorded as of Wednesday, February 19, 1997

Date Received	Assign. # Reviewer	Actions	Company	Model Numbers	Status
3/22/96	96-14 Burgess	1	Dept. of the Army	M64A1	To Fees on 3/25/96. Rtrned frm fees on 4/1/96. Def. ltr sent on 7/22/96. Resp. rcvd on 8/6/96.
3/25/96	96-16 Burgess	1	Eiscint Inc.	CTACT	To fees on 3/25/96. Rtrned frm fees on 4/1/96. Def. call on 8/1/96. Def. resp. on 8/2/96. Def. ltr sent on 8/7/96. Extension request granted - (resp. is due on Oct 7, 1996.) Extension request granted - (resp. due on 10/21/96.) Resp. rcvd on 10/22/96. Def. ltr sent on 1/21/97.
4/18/96	96-25 Compton	1	Fisons Instruments	ECD-40	N/A to go to fees 4/22/96 Action has been transferred frm to E. Compton on 1/15/97.

# Pending Sealed Source & Device Actions

*Actions received during the period 1/1/01 to 2/19/97*

For actions recorded as of Wednesday, February 19, 1997

Date Received	Assign. # Reviewer	Actions	Company	Model Numbers	Status
4/18/96	96-23 Brown	1	Sentinel	1006A	To fees on 4/22/96 Rtrned frm fees on 6/10/96. Def. call on 10/24/96. Resp. rcvd on 10/28/96. Def. call on 10/31/96. Def. resp. rcvd on 11/13/96. Def. call on 12/6/96. Def. ltr sent on 12/19/96. Def. resp. rcvd on 1/17/97.
4/24/96	96-29 Compton	1	Boeing Helicopters	Self-luminous	N/A from fees Action has been transferred to E. Compton on 1/15/97.
4/24/96	96-35 Brown	1	DMW Geophysical	EUD1, TUD1	N/A from fees
4/24/96	96-33 Brown	2	Industrial Reator Labs	Source	N/A from fees
4/24/96	96-34 Brown	1	Industrial Reator Labs	Gauge	N/A from fees
4/24/96	96-32 Brown	1	Martin-Marietta	LCG-25A	N/A from fees
4/24/96	96-31 Brown	2	Thiokol Corporation	343812, 343814	N/A from fees
4/26/96	96-36 Brown	1	Stock Equipment Company	D26752	To fees on 4/29/96. Rtrned frm fees on 5/3/96.

# Pending Sealed Source & Device Actions

*Actions received during the period 1/1/01 to 2/19/97*

For actions recorded as of Wednesday, February 19, 1997

Date Received	Assign. # Reviewer	Actions	Company	Model Numbers	Status
4/26/96	96-38 Burgess	1	TWA	Rigid guide tube	To fees on 5/2/96 Rtrned frm fees on 5/21/96. Additional inf. rcvd on 8/26/96.
4/30/96	96-37 Burgess	1	American Airlines	Rigid guide tube/collimator	To fees on 5/1/96 New Fee ruling Rtrned frm fees on 5/28/96. Additional inf. rcvd on 8/26/96.
5/1/96	96-43 Smith	4	Ohmart Corporation	SHLG/ SHN	To fees on 04/17/96 Rtrned frm 4/24/96 Reissued a new assign no. Same as 96-21 Action will be reassigned to Eric Jamerson. Action has been reassigned to B. Smith on 7/22/96.
5/21/96	96-44 Brown	1	Mirtone Industries, Inc.	73470u	To Fees on 6/6/96 Rtrned frm fees on 7/26/96.
6/3/96	96-45 Brown	3	E.I. Company	EI 100BUS, 100SUS, 100LUS	To Fees on 6/6/96 Rtrned frm fees on 7/5/96
6/10/96	96-48 Broaddus	1	Panasonic Industrial Co.	WE 2001 Series	To Fees on 6/17/96. Rtrned frm Fees on 7/26/96. Action has been transferred from D. Broaddus to C. Brown.
6/11/96	96-50 Brown	1	Frank Barker Associates	Gammamed 12i	To Fees on 6/19/96. Rtrned frm fees on 7/26/96. Action has been transferred from D. Broaddus to C. Brown.

# Pending Sealed Source & Device Actions

Actions received during the period 1/1/01 to 2/19/97

For actions recorded as of Wednesday, February 19, 1997

Date Received	Assign. # Reviewer	Actions	Company	Model Numbers	Status
6/12/96	96-55 Smith	1	ETG, Inc.	ICAM	To Fees on 6/16/96 Rtrned frm fees on 11/13/96 for nonpayment of fees. Applicant pd fees and action was rtrned to fees for payment on 11/22/96. Rtrned frm fees on 12/30/96. Def. ltr sent on 1/23/97.
7/12/96	96-60 Brown	1	Mine Safety Appliances Co.	706CA, 706WA, 706PA	To Fees on 07/16/96 Rtrned frm Fees on 7/27/96. Action has been transf arred from M.Burgess to C Brown.
8/2/96	96-68 Smith	1	Perkin-Elmer Corporation	PE Photovac 200155	To fees on 8/5/96. Rtrned frm fees on 8/16/96. Def. call on 1/15/97 and 1/16/97. Rcvd def. resp on 1/21/97. Held mtg with Perkin-Elmer on 1/30/97 to discuss def.
8/16/96	96-84 Broadus	1	Chrompack Inc.	902, 902A, 902B	To Fees on 8/20/96. Rtrned frm fees on 8/22/96.
8/19/96	96-85 Brown	1	Agfa Corporation	BKG 40823-01	To Fees on 8/20/96. Rtrned frm fees on 8/22/96.
8/29/96	96-86 Compton	1	Machinery Electrification	G9RS	N/A to Fees 8/30/96.

# Pending Sealed Source & Device Actions

*Actions received during the period 1/1/01 to 2/19/97*

For actions recorded as of Wednesday, February 19, 1997

Date Received	Assign. # Reviewer	Actions	Company	Model Numbers	Status
9/25/96	96-87 Burgess	1	Dept. of Agriculture	Husman Irradiator	To fees on 9/30/96. Rtrned frm fees on 10/4/96. Def. call on 9/25/96.
9/30/96	96-89 O'Brien	1	Detroit Edison	SM-1001	To fees on 10/1/96. Rtrned frm fees on 10/4/96.
9/30/96	96-88 Lubinski	1	Perkin Elmer	330-119	To fees on 10/1/96. Rtrned frm fees on 10/4/96.
10/2/96	96-93 Burgess	1	Gray*Star, Inc.	Gray*Star	To Fees on 10/11/96. Rtrned frm fees on 11/5/96. Additional information rcvd on 11/29/96. Rtrned back to Fees on 12/23/96. Rtrned frm Fees on 12/30/96. Def. ltr sent on 1/27/97.
10/2/96	96-92 Burgess	1	Sentinel	Model 676	To Fees on 10/11/96. Rtrned frm fees on 11/5/96.
10/4/96	96-91 Smith	1	Dept. of the Army	M22 ACADA	To fees on 10/4/96. Rtrned frm fees on 11/5/96. Def. call on 1/10/97 Rcvd partial def resp on 1/17/97. Rcvd resp on 2/7/97

## Pending Sealed Source & Device Actions

*Actions received during the period 1/1/01 to 2/19/97*

For actions recorded as of Wednesday, February 19, 1997

Date Received	Assign. # Reviewer	Actions	Company	Model Numbers	Status
10/4/96	96-94 Unassigned	1	Sentinel	A424-1	To Fees on 10/11/96. Rtrned frm fees on 11/5/96.
10/4/96	96-95 Unassigned	1	Sentinel	A424-13, 14, 15, 18, A424-943	To Fees on 10/11/96. Rtrned frm fees on 11/5/96.
10/4/96	96-96 Unassigned	1	Sentinel	93302	To Fees on 10/11/96. Rtrned frm fees on 11/5/96.
10/4/96	96-97 Unassigned	1	Sentinel	90003 Source Assembly	To Fees on 10/11/96. Rtrned frm fees on 11/5/96.
10/4/96	96-98 Unassigned	1	Sentinel	A424-20	To Fees on 10/11/96. Rtrned frm fees on 11/5/96.
10/4/96	96-99 Unassigned	1	Sentinel	A424-19	To Fees on 10/11/96. Rtrned frm fees on 11/5/96.
10/4/96	96-100 Unassigned	1	Sentinel	A424-10, 11, 12, 16, 17	To Fees on 10/11/96. Rtrned frm fees on 11/5/96.
10/4/96	96-101 Unassigned	1	Sentinel	X2050, X2050/1, X2050/2	To Fees on 10/11/96. Rtrned frm fees on 11/5/96.
10/9/96	96-103 Rich	1	Alaska State of Fairbanks	2119-02	To fees on 10/16/96. Rtrned frm fees on 11/5/96.
10/11/96	96-102 Smith	1	IRIS	Control Cable Housing	To Fees on 10/15/96. Rtrned frm fees on 11/5/96. Def. call and Ltr sent on 1/9/97.

# Pending Sealed Source & Device Actions

*Actions received during the period 1/1/01 to 2/19/97*

For actions recorded as of Wednesday, February 19, 1997

Date Received	Assign. # Reviewer	Actions	Company	Model Numbers	Status
10/24/96	96-104 Kirkwood	1	Kidde Fenwal, Inc.	CPD 705X Smoke Detector	To Fees on 10/25/96. Rtrned frm fees on 10/30/96
11/13/96	96-105 Burgess	1	Detection Systems, Inc.	DS260 Ionization Smoke Detector	To Fees on 11/14/96. Rtrned frm fees on 12/24/96. Def. call on 1/30/97. Def. resp. on 1/31/97.
11/14/96	96-106 Rich	1	Apgee Corporation	31000 Series	To Fees on 11/14/96.
11/14/96	96-107 O'Brien	1	Theratronics	1000E Series	To Fees on 11/14/96. Rtrned frm fees on 11/29/96.
11/14/96	96-108 Broadus	1	Theratronics	780 Series	To Fees on 11/18/96. Rtrned frm fees on 11/29/96.
11/19/96	96-109 Brown	1	HNU Systems Inc.	412-15A, 300-15A, 400-15A, 58-02A	To Fees on 11/22/96. Rtrned frm fees on 11/29/96. Def. call on 1/29/97.
11/19/96	96-110 Smith	1	Provalid Corporation	615 00 00	To Fees on 11/22/96. Rtrned frm fees on 11/29/96.
11/25/96	96-111 Unassigned	1	Sentinel	Model 861, 861U, 861L	To Fees on 11/26/96. Rtrned frm fees on 1/17/97.
11/26/96	96-112 Compton	2	Commercial Resins Co.	Crawler Control Pot, TT155	To Fees on 11/27/96. Rtrned frm fees on 12/4/96.



## Pending Sealed Source & Device Actions

*Actions received during the period 1/1/01 to 2/19/97*

For actions recorded as of Wednesday, February 19, 1997

Date Received	Assign. # Reviewer	Actions	Company	Model Numbers	Status
12/6/96	96-114 Rich	1	Thermo Environmental Instr	WA1186	To Fees on 12/30/96.
12/6/96	96-115 Brown	1	Thermo Environmental Instr	NES-8200	To Fees on 12/30/96.
12/11/96	96-113 Broaddus	14	Safety Light Corporation	Various	To fees on 12/11/96. Rtrned frm fees on 1/21/97
12/24/96	96-116 Lubinski	1	Hauni Richmond, Inc.	Su1	To Fees on 1/6/97. Resubmittal of 96-06 (void file). Rtrned frm fees on 1/21/97.
1/17/97	97-01 Unassigned	4	Ion Track Instr. Inc.	Various	To Fees on 1/21/97. Rtrned frm fees on 1/30/97.
1/30/97	97-03 Unassigned	2	Hesco, Inc.	ML 416XX, ML 404	To Fees on 1/31/97.
1/31/97	97-02 Brown	1	CIS-US, INC.	Model 702	To Fees on 1/31/97. Rtrned frm fees on 2/4/97.
2/3/97	97-04 Unassigned	1	Hochiki America Corp.	SI_Series	To Fees on 2/4/97.
2/5/97	97-05 Unassigned	1	IRM	TG - 2	To fees on 2/6/97.

Total Open Case(s) is 76 Totaling 106 Action(s)