

A 40

MAR 04 1982

MEMORANDUM FOR: Thomas Carter, Deputy Director
Division of Fuel Cycle and Material Safety

FROM: R. S. Brown, Jr., Assistant to the
Director and Chief
Program Support Branch

SUBJECT: PROPOSED LICENSE FEE REVISION

As we discussed last week, I think our final response to Dan Donoghue's February 10 memo should clearly delineate our concerns about trying to plug numbers into the existing license fee schedule structure. We should address such things as the apparent misalignment between fee categories and our current method of categorizing license types; the small sample size upon which to base some fees; the effects of experienced versus inexperienced reviewers on review time; and any other anomalies in our data which make it impossible to just plug numbers into the existing license fee schedule structure.

Our input to ADM should provide recommendations for an appropriate fee schedule to include an appropriate structure and reasonable review times for the various categories of fees within the schedule. Claudia Seelig will work with your staff as they formulate the NMSS response to this item. We should try to respond to ADM by March 31, if possible. In the interim, as you have seen, we are notifying ADM of our intended course of action.

Original signed by
R. S. Brown, Jr.

R. S. Brown, Jr., Assistant to the
Director and Chief
Program Support Branch

cc: R. Wilde, FC

Distribution:

NMSS r/f
JEvans
CSeelig
ABentley, WITS 820205

B502130084 840730
PDR FOIA
REYNOLDB4-564 PDR

OFFICE	NMSS:PSB	NMSS:PSB					
NAME	JEvans:mlr	RSBrown, Jr.					
DATE	3/4/82	3/4/82					

3/4/82

A41

Position Paper On
License Fee Schedule Revisions

Background

The current license fee schedule (10 CFR 170) became effective on March 23, 1978. That schedule provides for the recovery of specified NRC costs up to specified limits.

On July 17, 1981, NMSS was told in a meeting with ADM/LFMB that Commissioner Ahearne, while Chairman, made a commitment to Congressmen Udall and Vento to revise the NRC fee schedule by August 31, 1981. The revised schedule was to provide for full cost recovery of NRC licensing expenses from license applicants.

In order to provide a proposed revised fee schedule to the Commission by August 31, 1981, LFMB proposed to revise only those categories in the materials area (10 CFR 170.31) which are currently subject to fees based on actual costs. The fee categories to be revised were SNM, part of source material, transportation, and waste disposal. The remaining materials license fee categories (radioisotopes licenses) were not to be revised and were to continue to provide for a flat fee.

In the July, 1981 discussions with NMSS, LFMB stated that the August, 1981 revision was to be in addition to, not in lieu of, the longer-term, major overhaul of the license fee schedule which was also in process. As part of the longer-term revision, NMSS expressed a need to examine the basic fee structure in relation to the way we actually count and track our licensing casework. With the understanding that such a major restructuring could occur later, NMSS provided, on July 20 and 24, suggestions for minor changes to the fee schedule along with certain applicable NMSS resource data.

The proposed revised fee schedule was sent to the Commission on 10/27/81 as SECY-81-615. As a result of the Commission discussion about SECY-81-615 on November 2, 1981, ADM (with assistance from IE and NMSS) was directed to "conduct a study to determine whether use of the actual cost method when determining fees for radioisotopes licenses would have a significant economic impact on a substantial number of small entities." The results of the study were to be presented to the Commission in February, 1982.

NMSS contacted LFMB in early November, 1981 and was told that a formal request for information would be sent when required. A January 4, 1982 memo from Mr. Donoghue to Mr. Davis requested information from NMSS in connection with the Commission directed study. Specifically, ADM requested a breakdown of professional direct and all other staff year expenditures by activity for FY82 for the Materials Licensing function, and asked about the results of the 1977 review regarding the suitability of the five-year expiration limit for materials licenses. A subsequent (1/8/82) memo from LFMB requested detailed resource information by fee category. Before providing an answer to the ADM request, Mr. Davis met with Mr. Donoghue and members of the ADM, ELD, and NMSS staff on January 12 to discuss background information about the fee

Contact:
John Evans, PSB
x74072

system. The information requested by ADM was subsequently provided by Mr. Davis' January 26 memo to Mr. Donoghue. In that memo, Mr. Davis recommended retaining the current method of charging license fees by category of materials license, canceling the exemptions for amendments of sealed sources and devices, and updating the fee schedule to reflect new estimates of review times.

In a February 10, 1982 memo to Mr. Davis, Mr. Donoghue raised numerous questions about the data provided by Mr. Davis' January 26 memo. Those questions are of the following types:

1. Why is significantly more effort required for certain types of license renewals or amendments than is required for the corresponding types of new license applications?
2. Why are the relative review times for various categories of licensing actions provided by NMSS in different proportions from the previous fee schedule?
3. Why is there an apparent inconsistency between the resources shown in the enclosures to the January 26 memo?
4. Why has licensing assistant time been included in the professional staff years?

Since receipt of the February 10, memo, FC and PSB have been working together to address the concerns raised by ADM. Our results to date indicate that it is not reasonable to merely extract data from the PPSAS and MLS data bases and plug numbers into the existing fee schedule structure. Some of the concerns in this regard are the apparent misalignment between fee categories and our current method of categorizing license types; the small sample size upon which to base some review times; and the effects of experienced versus inexperienced reviewers on review times.

Current Problems

1. ADM owes a response to the Commission on SECY-81-615. Their response was due 2/26/82. ADM is awaiting an input from NMSS before they can respond to the Commission.
2. For reasons discussed above, it does not appear possible for NMSS to provide defensible review times to plug into the existing fee schedule structure.

Recommendations

1. Send the attached memo to ADM.
2. Request FC to assign priority effort to developing an appropriate fee schedule structure and reasonable review times (based on available data and management judgement) for the various categories of radioisotopes licenses within the schedule.

R. Wilder

This is my opinion in 2000.

which 3/3/82

FEE'S

PCE Category	PPSAS CODE	FY80			FY81			Cumulative			FY DATA		
		CASES	HOURS	HOURS CASE	CASES	HOURS	HOURS CASE	CASES	HOURS	HOURS CASE	CASES	HOURS	HOURS CASE
1. I.	1311-W PLUTONIUM NEUTRON SOURCES RECAPSULATED GUARD	3 57 45	130 730 240	43 13 05	0 8 29	05 90 135	- 11 05	3 65 74	130 820 375	43 13 05	5 4 1		
	1311-Y MANPOWER EXPENDED ON SPECIAL NUCLEAR MATERIAL	2 2 6	115 110 120	08 05 20	3 6 0	10 00 110	03 - -	5 2 6	25 10 120	05 05 20			
	1311-V OTHER SOURCE MATERIAL	5 29 67	515 1602 3005	103 55 45	5 18 54	1465 1860 2183	293 103 40	10 47 121	1480 3462 5188	198 740 43	36 18 09		
3. A.	1311-8 BOMB LICENSES AUTHORIZING DISTRIBUTION	0 2 10	00 175 110	- 98 01	0 2 19	270 275 365	- 138 119	0 4 29	270 470 375	- 118 13			
	1311-9 OTHER LICENSES AUTHORIZING DISTRIBUTION	19 17 58	100 1015 230	05 60 04	19 27 86	460 560 785	24 21 09	38 44 144	560 1575 1015	15 36 07			
	1311-U MANUFACTURING OF PRODUCTS	0 0 0	00 00 35	- - -	0 0 0	170 270 440	- - -	0 0 0	170 270 475	- - -			
3. B.	1311-S MEDICAL DISTRIBUTION RADIOPHARMACEUTICAL	6 1 50	1046 342 2212	174 342 44	6 9 67	1881 1298 2308	314 144 34	12 10 117	2927 1640 4520	244 164 39			
	1311-J RADIOGRAPHY FIXED FACILITY	6 15 47	1265 1425 1110	211 95 24	5 36 62	1195 5728 1869	239 159 30	11 51 109	2460 7153 2979	224 140 27			

omitted

A42

W22/K2

3853

3.D.	1311-K RADIOGRAPHY TEMPORARY JOB SITE	N 0 R 2 A 1	2170 5028 5220	1 2514 5220	19 47 100	2065 10147 4787	109 216 48	19 49 101	2065 15175 8007	109 310 79	12 12 3
3.E.	1311-M IRRADIATORS INTERNAL BEAM	N 9 R 20 A 35	340 870 725	38 44 26	8 27 28	360 525 335	45 19 12	17 47 63	790 1395 1260	41 30 20	5 4 1
3.F.	1311-N IRRADIATORS OTHER	N 2 R 11 A 23	95 2155 675	48 196 24	2 12 22	714 955 526	357 80 24	4 23 45	809 3110 1201	202 135 27	20 14 3
3.G.	1311-A DISTRIBUTION TO GENERAL LICENSEES OTHER THAN INHABITANTS 1311-B DISTRIBUTION TO GENERAL LICENSEES OF IN VITRO KITS	N 4 R 2 A 15	385 595 875	96 298 58	3 9 14	495 790 1220	165 88 87	7 11 29	880 1385 2095	126 126 72	25 15 6
3.H.	1311-E OTHER EXEMPT DISTRIBUTIONS SMOKE DETECTORS OR LUMINOUS PRODUCTS	N 4 R 13 A 31	651 250 540	163 19 17	6 11 25	370 625 616	62 57 25	10 24 56	1021 875 1156	102 36 21	25 15 6
3.I.	1311-C DISTRIBUTION PURSUANT TO 32.18 EXEMPT QUANTITIES	N 2 R 4 A 6	10 290 20	05 72 03	1 8 3	250 295 00	250 57 -	3 12 6	260 585 20	87 49 03	5 4 1
3.J.	1311-D DISTRIBUTION PURSUANT TO 32.14 EXEMPT QUANTITIES	N 6 R 3 A 14	190 100 120	32 53 04	2 2 9	160 180 90	80 90 10	8 5 23	350 280 210	44 56 09	5 4 1

same as exempt 3I = in vitro kits

3.H. 1311-E

	N	R	A	2	3	4	5	6	7	8	9	10	11
3.K. 1311-O BROAD LICENSES NO DISTRIBUTION R+D	1 14 -9	28.5 270.3 111.2	29.5 19.3 1.9	0 6 76	71.0 146.5 156.3	- 24.4 21	1 20 13.5	28.5 416.8 267.5	28.5 20.8 20	5 4 1	Talk to J.L./Kor		
1311-P OTHER LICENSES NO DISTRIBUTION	20 32 183	631.0 600.2 610.4	31.6 18.8 3.3	32 34 162	352.0 374.0 390.0	11.0 11.0 2.4	52 66 345	983.0 774.2 1000.4	18.9 14.8 2.9	5 4 1	(10) (10) (3)		
3.L. 1311-D ACADEMIC LICENSES	41 74 175	119.1 618.1 365.7	2.9 8.4 2.1	15 29 123	93.2 330.9 363.5	6.2 11.4 3.0	56 103 298	212.4 949.0 729.2	3.8 9.2 2.4	3 3 1	W.J./Kor		
1311-7 MEASURING SYSTEMS GAUGES, ETC.	465 233 776	1068.5 656.2 964.5	2.3 2.3 1.0	378 192 671	1698.7 1177.0 1951.4	4.5 6.1 2.9	843 475 1647	2767.2 1833.2 2915.9	33.1 3.9 1.8	3 3 1	(4) (4) (1)		
1311-G SERVICE LICENSES LEAK TEST, INSTALLATION	25 27 94	86.0 327.5 48.0	3.4 12.1 0.5	2 2 10	58.2 85.5 53.0	29.1 42.8 5.3	27 27 104	144.2 413.0 101.0	5.3 15.3 1.0	3 3 1	(3) (3) (1)		
4.B 1311-I COMMERCIAL WASTE DISPOSAL OTHER INTERMEDIATE FIRMS	1 0 7	22.5 55.0 40.0	22.5 - 5.7	2 1 4	48.0 10.0 4.0	24.0 10.0 1.0	3 1 11	70.5 10.0 44.0	23.5 10.0 4.0	30 15 15	Berglund		
4.C 1311-H COMMERCIAL WASTE DISPOSAL BURIAL	0 0 0	0.0 0.0 0.0	- - -	0 0 0	3.0 0.0 10.	- - -	0 0 0	3.0 0.0 10.0	- - -	5 4 1	Not at Burial		
5.A. 1311-B WELL LOGGING	20 6 46	115.5 152.6 216.5	5.8 25.4 4.7	27 7 52	176.5 212.6 249.2	6.5 30.4 4.8	47 13 98	292.0 365.2 465.7	6.2 28.1 4.8	12 12 3	Discontinued by Berglund		

	1	2	3	4	5	6	7	8	9	10	11
6.A. 1311-F NUCLEAR LAUNDRIES	N R A	0 5 0	0 0 0.5	— — —	1 1 3	0 2 1.5	— 2.0 0.5	1 1 3	0 2 1.5	— 2.0 0.5	12 12 3
7.A. 1311-3 TELETHEAPY	N R A	16 76 245	1093 2605 1307.9	68 34 5.3	21 75 272	143.1 453.1 1368.8	6.8 6.0 5.0	37 151 577	252.4 713.6 2676.7	6.8 4.7 5.2	8 7 1
7.B. 1311-1 MEDICAL INSTITUTIONS	N R A	74 261 1006	5220 20855 36141	7.1 8.0 3.6	30 162 1043	360.6 2225.4 4366.8	12.0 13.7 4.2	104 423 2049	892.6 4310.9 7976.9	8.5 10.2 3.9	5 4 1
7.C. 1311-Z PLUTONIUM POWERED CARDIAC PACEMAKERS	N R A	2 10 9	4.5 18.1 92.7	2.3 1.8 10.3	2 22 20	35 37.7 52.4	1.8 1.7 2.6	4 32 29	80 558 145.1	2.0 1.7 5.0	5 4 1
7.C. 1311-Z MEDICAL PRIVATE PRACTICE	N R A	24 31 100	0 0 52.3	— — 0.52	24 13 62	19.8 164.7 206.2	0.8 12.4 3.3	24 13 162	19.8 160.7 258.5	0.8 12.4 1.6	5 4 1
1311-4 OTHER MEDICAL LICENSES	N R A	1 6 14	0 0 0	— — —	1 3 18	0 3.0 0.0	— 1.0 —	2 3 32	0 30 0.0	— 1.0 —	5 4 1
8.A. 1311-Q CIVIL DEFENSE	N R A	1 4 21	18.0 16.0 28.5	18.0 4.0 1.4	2 7 15	17.0 34.5 34.5	8.5 4.9 2.3	2 11 36	35.0 50.5 63.0	17.5 4.6 1.4	5 4 1
9.A. SEALED SOURCE DEVICE										19.5	15
SEALED SOURCE										19.5	3

Sep. 1961
W. J. G. L.
C. J. G. L.

W. J. G. L.

W. J. G. L.

W. J. G. L.

S. J. G. L.

10.A.

1311-L
Power Source

N
R
A

4
0
3

40
03
40

10
—
13

0
0
4

00
00
30

—
—
08

4
0
7

40
03
20

10
—
10

50
12
12

1311-X
Plutonium Power Source

N
R
A

0
0
0

00
00
00

—
—
—

0
0
0

00
00
00

—
—
—

0
0
0

00
00
00

—
—
—

50
12
12

OK

Thin fac. in blowing?

SCHEDULE OF AVERAGE PROFESSIONAL STAFF TIME FOR MATERIAL LICENSES

Category of Material Licenses	Type of License	Hours
<u>Special Nuclear Material</u>		
Licenses for possession and use of special nuclear material in sealed sources contained in devices used in industrial measuring systems.	1311-W New License 3 Renewal 65 Amendment 74	4 2 1
All other special nuclear material licenses, except licenses authorizing special nuclear material in unsealed form in combination that would constitute a critical quantity as defined in § 150.11 of Part 150, which shall pay the same rate as Category 1G and special nuclear material for use in power generation which shall pay the fee in Category 10 ² .	1311-Y New License 5 Renewal 2 Amendment 6	6 6 2
<u>Source Material</u>		
Use of source material for shielding	1311-V (50%) New License 5 Renewal 24 Amendment 60	1 1 1
Use of source material for testing of military munitions.	New License 1 Renewal 1 Amendment 1	20 8 4
Processing of ores containing source material for extraction of metals other than uranium or thorium.	New License Renewal Amendment	* * *
*Fee to be based on actual time.		
All other source material licenses.	1311-V (50%) New License 5 Renewal 24 Amendment 60	6 4 2
<u>Byproduct Material</u>		
Licenses for possessor and use of byproduct material issued pursuant to Parts 30 and 33 of this chapter for processing or manufacturing of items containing byproduct material for commercial distribution, except byproduct material for use in power generation, which shall pay the fee in category 10.	1311-8 New License 38 Renewal 48 Amendment 173	20 12 2
Licenses issued pursuant to § 32.72 of this chapter authorizing the processing or manufacture and distribution of radiopharmaceuticals containing byproduct material.	1311-5 (75%) New License 9 Renewal 8 Amendment 88	24 24 4

SCHEDULE OF AVERAGE PROFESSIONAL STAFF TIME FOR MATERIAL LICENSES

Category of Material Licenses	Type of License	Hours
Licenses authorizing distribution of radiopharmaceuticals not involving processing of byproduct material or manufacture of radiopharmaceuticals.	1311-S (25%)	
	New License 3	8
	Renewal 2	8
Licenses of byproduct material issued pursuant to Part 34 of this chapter for industrial radiography operations.	Amendment 29	2
	1311-J & 1311-K	
	New License 30	12
Licenses for possession and use of byproduct material in sealed sources for irradiation of materials where the source is not removed from its shield (self-shielded units).	Renewal 100	12
	Amendment 120	4
	1311-M	
Licenses for possession and use of less than 10,000 curies of byproduct material in sealed sources for irradiation of materials where the source is exposed for irradiation purposes.	New License 17	4
	Renewal 47	3
	Amendment 63	2
Licenses for possession and use of more than 10,000 curies of byproduct material in sealed sources for irradiation of materials where the source is exposed for irradiation purposes.	1311-N (90%)	
	New License 4	10
	Renewal 21	6
Licenses issued pursuant to subpart B of Part 32 of this chapter to distribute items containing byproduct material which require sealed source and/or device review to persons generally licensed under Parts 31 and 35 of this chapter, except specific licenses authorizing redistribution of items which have been authorized for distribution to persons generally licensed under Parts 31 or 35 of this chapter.	Amendment 41	4
	1311-N (10%)	
	New License 1	40
*The total fee will be based on the hours specified plus the hours required for sealed source and/or device review. (See hours needed for sealed source and device review.)	Renewal 2	16
	Amendment 4	4
	1311-A	
Licenses issued pursuant to subpart A of Part 32 of this chapter to distribute items containing byproduct material which require device review to persons exempt from the licensing requirements of Part 30 of this chapter.	New License 7	20* 18
	Renewal 11	12* 12
	Amendment 28	8* 32
*The total fee will be based on the hours specified plus eight hours for the device review.	1311-E	
	New License 10	10* 18
	Renewal 14	4* 4
	Amendment 56	2* 10

SCHEDULE OF AVERAGE PROFESSIONAL STAFF TIME FOR MATERIAL LICENSES

Category of Material Licenses	Type of License	Hours
Licenses issued pursuant to subpart A of Part 32 of this chapter to distribute items containing byproduct material or quantities of byproduct material which do not require device evaluation to persons exempt from the licensing requirements of Part 30 of this chapter.	1311-C & 1311-D	
	New License 11	5
	Renewal 17	4
	Amendment 29	1
Licenses for possession and use of byproduct material issued pursuant to Parts 30 and 33 of this chapter for research and development and/or academic purposes which do not authorize commercial distribution.	1311-P	
	New License 52	12
	Renewal 66	8
	Amendment 345	2
All other specific byproduct material licenses, except those in the categories specified below.	1311-7	
	New License 843	4
	Renewal 475	4
	Amendment 1647	1
Licenses which authorize services for other licenses, except for leak testing.	1311-G (25%)	
	New License 7	16
	Renewal 7	16
	Amendment 26	2
Licenses which authorize leak testing services for other licensees.	1311-G (75%)	
	New License 20	4
	Renewal 20	4
	Amendment 78	1
Licenses specifically authorizing the receipt of waste byproduct material, source material, or special nuclear material from other persons for the purpose of packaging the material. The licensee will dispose of the material by transfer to another person authorized to receive or dispose of the material.	-	
	New License 1	24
	Renewal 1	16
	Amendment 1	6
Licenses specifically authorizing the receipt of waste byproduct material, source material, and/or special nuclear material from other persons for treatment or disposal by incineration; packaging of residues resulting from incineration; and transfer of packages containing residues to another person authorized to receive or dispose of waste materials.	New License -	*
	Renewal -	*
	Amendment -	*

*This is a new category. Fee should be on an actual time basis until time frames can be established.

SCHEDULE OF AVERAGE PROFESSIONAL STAFF TIME FOR MATERIAL LICENSES

Category of Material Licenses	Type of License	Hours
Licenses specifically authorizing the receipt of prepackaged waste byproduct material, source material, or special nuclear material from other persons. The licensee will dispose of the material by transfer to another person authorized to receive or dispose of the material.	1311-I	
	New License 3	16
	Renewal 1	8
	Amendment 11	2
Licenses specifically authorizing use of byproduct material and/or special nuclear material for well logging, well surveys, and tracer studies other than field flooding tracer studies.	1311-6	
	New License 47	12
	Renewal 13	12
	Amendment 98	3
Licenses specifically authorizing use of byproduct material for field flooding tracer studies.	New License -	*
	Renewal -	*
	Amendment -	*
*Fee to be based on actual time.		
Nuclear laundries: Licensees for commercial collection and laundry of items contaminated with byproduct material, source material, or special nuclear material.	1311-F	
	New License 1	12
	Renewal 1	12
	Amendment 3	3
Licenses issued pursuant to Parts 30, 40, and 70 of this chapter for human use of byproduct material, source material, or special nuclear material in sealed sources contained in teletherapy devices.	1311-3	
	New License 37	10
	Renewal 151	6
	Amendment 517	4
Licenses of broad scope issued pursuant to Parts 30, 33, 35, 40 and 70 of this chapter authorizing research and development including human use and non human use of byproduct material, source material, and/or special nuclear material, except licenses for byproduct material, source material, or special nuclear material in sealed sources contained in teletherapy devices.	1311-0 & 1311-1	
	New License 57	20
	Renewal 123	20
	Amendment 433	3
Other licenses issued pursuant to Parts 30, 35, 40 and 70 of this chapter for human use of byproduct material, source material, and/or special nuclear material, except licenses for byproduct material, source material, or special nuclear material in sealed sources contained in teletherapy devices.	1311-1, 1311-2, & 1311-4	
	New License 128	10
	Renewal 439	10
	Amendment 2247	4

SCHEDULE OF AVERAGE PROFESSIONAL STAFF TIME FOR MATERIAL LICENSES

Category of Material Licenses	Type of License	Hours
Civil Defense: Licenses for possession and use of byproduct material, source material, or special nuclear material for civil defense activities.	New License	2 5
	Renewal	11 4
	Amendment	36 1
Safety evaluation of devices or products containing byproduct material, source material, or special nuclear material, except reactor fuel devices and devices or products distributed to general licensees or persons exempt from the requirements for a license pursuant to Parts 30, 40, and 70 of this chapter.	New License	45 28
	Amendment	10 10
Safety evaluation of sealed sources containing byproduct material, source material, or special nuclear material except: (1) Reactor fuel, (2) sealed source distributed to general licensees or persons exempt from the requirements for a license pursuant to Parts 30, 40 and 70 of this chapter.	New License	80 6
	Amendment	2 2

PCE CODE	IPSPAS CODE	FY80			FY81			Cumulative			FY Data		
		CASES	HOURS	HOURS CASE	CASES	HOURS	HOURS CASE	CASES	HOURS	HOURS CASE	CASES	HOURS	HOURS CASE
1. I.	1311-W ✓ PLUTONIUM NEUTRON SOURCES UNENCAPSULATED	3	13.0	4.3	0	0.5	+	3	13.0	4.3	1	1.5	5
		57	73.0	1.3	8	9.0	1.1	65	82.0	1.3	4	26.0	4
		45	24.0	0.5	29	13.5	0.5	74	37.5	0.5	1	7.4	1
1. J.	1311-Y ✓ MANIPULATION EXPENSE ON SPECIAL NUCLEAR MATERIAL	2	1.5	0.8	3	1.0	0.3	5	2.5	0.5	12	6.0	12
		2	1.0	0.5	6	0.0	-	2	1.0	0.5	12	2.4	12
		6	12.0	2.0	0	11.0	-	6	12.0	2.0	3	1.8	3
2. D.	1311-V ✓ OTHER SOURCE MATERIAL	5	51.5	10.3	5	146.5	29.3	10	198.0	19.8	36	36.0	36
		29	160.2	5.5	18	186.0	10.3	47	346.2	7.4	18	84.6	18
		67	300.5	4.5	54	218.3	4.0	121	518.8	4.3	0.9	108.9	0.9
3. A.	1311-8 ✓ BROAD LICENSES AUTHORIZING DISTRIBUTION	0	0.0	-	0	27.0	-	038	27.0	-	12	-	12
		2	19.5	9.8	2	27.5	13.8	448	47.0	11.8	12	4.8	12
		10	1.0	0.1	19	36.5	1.9	2913	37.5	1.3	3	8.7	3
3. B.	1311-9 OTHER LICENSES AUTHORIZING DISTRIBUTION	19	10.0	0.5	19	46.0	2.4	38	56.0	1.5	12	4.56	12
		17	101.5	6.0	27	56.0	2.1	44	157.5	3.6	12	5.28	12
		58	23.0	0.4	86	78.5	0.9	144	101.5	0.7	3	4.32	3
3. B.	1311-U MANUFACTURING OF PRODUCTS	0	0.0	-	0	17.0	-	0	17.0	-	12	-	12
		0	0.0	-	0	27.0	-	0	27.0	-	12	-	12
		0	3.5	-	0	44.1	-	0	47.5	-	3	-	3
3. B.	1311-S ✓ MEDICAL DISTRIBUTION RADIOPHARMACEUTICAL	6	104.6	17.4	6	188.1	31.4	12	292.7	24.4	5	6.0	5
		1	34.2	34.2	9	129.8	14.4	10	164.0	16.4	4	4.0	4
		50	221.2	4.4	67	230.8	3.4	117	452.0	3.9	1	1.7	1
3. C.	1311-J ✓ RADIOGRAPHY FIXED FACILITY	6	126.5	21.1	5	119.5	23.9	11	246.0	22.4	5	5.5	5
		15	142.5	9.5	36	572.8	15.9	51	715.3	14.0	4	20.4	4
		47	111.0	2.4	62	186.9	3.0	109	297.9	2.7	1	1.09	1

DW

3.D. 1311-K ✓
RADIOGRAPHY
TEMPORARY JOB
SITE

3.E. 1311-M ✓
IRRADIATORS
INTERNAL BEAM

3.F. 1311-N ✓
IRRADIATORS
OTHER

3.G. 1311-A ✓
DISTRIBUTION TO GENERAL
LICENSEES OTHER THAN INHABITANTS

3.H. 1311-E ✓
OTHER EXEMPT
DISTRIBUTIONS SMOKE
DEFECTORS OR LUMINOUS
PRODUCTS

3.I. 1311-C ✓
DISTRIBUTION PURSUANT
TO 32.18 EXEMPT
QUANTITIES

3.J. 1311-D ✓
DISTRIBUTION PURSUANT
TO 32.14 EXEMPT
QUANTITIES

	1	2	3	4	5	6	7	8	9	10	11
N	0	2170	1	19	206.5	10.9	19	206.5	10.9	228	12
R	2	5028	251.4	47	1014.7	21.6	49	1517.5	31.0	588	12
A	1	3220	522.0	100	478.7	48	101	800.7	7.9	303	3
N	9	340	3.8	8	36.0	4.5	17	79.0	4.1	85	5
R	20	870	4.4	27	52.5	1.9	47	139.5	3.0	188	4
A	35	725	2.6	28	33.5	1.2	63	126.0	2.0	63	1
N	2	95	4.8	2	71.4	35.7	4	89.9	20.2	48	12
R	11	215.5	19.6	12	95.5	8.0	23	311.0	13.5	276	12
A	23	67.5	2.4	22	52.6	2.4	45	120.1	2.7	135	3
N	4	38.5	9.6	3	49.5	16.5	7	88.0	12.6	175	25
R	2	59.5	29.8	9	79.0	8.8	11	128.5	12.6	165	15
A	15	87.5	5.8	14	122.0	8.7	29	209.5	7.2	174	6
N	4	65.1	16.3	6	37.0	6.2	10	102.1	10.2	250	25
R	13	250	1.9	11	62.5	5.7	24	87.5	3.6	360	15
A	31	54.0	1.7	25	61.6	2.5	56	115.6	2.1	336	6
N	2	1.0	0.5	1	25.0	25.0	3	26.0	8.7	15	5
R	4	29.0	7.2	8	29.5	3.7	12	58.5	4.9	48	4
A	6	2.0	0.3	3	0.0	—	6	2.0	0.3	6	1
N	6	19.0	3.2	2	16.0	2.0	8	35.0	4.4	40	5
R	3	10.0	8.3	2	18.0	9.0	5	28.0	5.6	20	4
A	14	12.0	0.9	9	9.0	1.0	23	21.0	0.9	23	1

11 10 9 8 7 6 5 4 3 2 1

3.K	1311-0 ✓ BROAD LICENSES NO DISTRIBUTION	N R A	1 14 59	28.5 270.3 111.2	29.5 193 1.9	0 6 76	110 146.5 156.3	24.4 21	1 20 135	28.5 416.8 267.5	28.5 20.8 2.0	5 80 135	5 4 1
	1311-P ✓ OTHER LICENSES NO DISTRIBUTION	N R A	20 32 183	631.0 600.2 610.4	51.6 18.8 3.3	32 21 162	352.0 374.0 390.0	11.0 11.0 2.4	52 66 345	983.0 774.2 1008.4	18.9 14.8 2.9	260 264 345	5 4 1
3.L	1311-0 ✓ ACADEMIC LICENSES	N R A	41 74 175	119.1 618.1 365.7	2.9 8.4 2.1	15 29 123	93.2 330.9 363.5	6.2 11.4 3.0	56 103 298	212.4 949.0 729.2	3.8 9.2 2.4	168 309 298	3 3 1
	1311-7 ✓ MEASURING SYSTEMS GAUGES, ETC.	N R A	465 233 976	1068.5 656.2 964.5	2.3 2.3 1.0	378 192 671	1698.7 1177.0 1951.4	4.5 6.1 2.9	843 475 1647	2767.2 1833.2 2915.9	3.3 3.9 1.8	2529 1425 1647	3 3 1
	1311-G ✓ SERVICE LICENSES LEAK TEST, INSTALLATION	N R A	25 27 94	86.0 327.5 48.0	3.4 12.1 0.5	2 2 10	58.2 85.5 53.0	29.1 42.8 5.3	27 27 104	144.2 413.0 101.0	5.3 15.3 1.0	81 81 104	3 3 1
4.B	1311-I ✓ COMMERCIAL WASTE DISPOSAL OTHER INTERMEDIATE FIRMS	N R A	1 0 7	22.5 55.0 44.0	22.5 — 5.7	2 1 4	48.0 10.0 4.0	24.0 10.0 1.0	3 1 11	70.5 10.0 44.0	23.5 10.0 4.0	90 15 165	30 15 15
4.C	1311-H COMMERCIAL WASTE DISPOSAL BURIAL	N R A	0 0 0	0.0 0.0 0.0	— — —	0 0 0	3.0 0.0 10.	— — —	0 0 0	70 70 100	— — —	— — —	5 4 1
5.A	1311-6 ✓ WELL LOGGING	N R A	20 6 46	115.5 152.6 216.5	5.8 25.4 4.7	27 7 52	176.5 212.6 249.2	4.5 30.4 4.8	47 13 98	292.0 365.2 465.7	6.2 28.1 4.8	564 156 294	12 12 3

X

		1	2	3	4	5	6	7	8	9	10	11	
6.A.	1311-F ✓ NUCLEAR LAUNDRIES	N R A	0 5 0	0.0 0.0 0.5	— — —	1 1 3	0.0 2.0 1.5	— 2.0 0	+	0.0 2.0 1.5	— 2.0 0.5	12 12 6	12 12 3
7.A.	1311-3 ✓ TELE THERAPY	N R A	16 76 245	109.3 2645 1307.9	6.8 3.4 5.3	21 75 272	143.1 453.1 1368.8	6.8 6.0 5.0	37 151 ✓ 517	252.4 713.6 2676.7	6.8 4.7 5.2	296 1057 517	8 7 1
7.B.	1311-1 ✓ MEDICAL INSTITUTIONS	N R A	74 261 1006	522.0 2085.5 3610.1	7.1 8.0 3.6	30 162 1043	360.6 2225.4 4366.8	12.0 13.7 4.2	104 423 ✓ 2049	882.6 4310.9 7976.9	8.5 10.2 3.9	520 1692 2049	5 4 1
X	1311-Z PLUTONIUM POWERED CARDIAC PACEMAKERS	N R A	2 10 9	4.5 18.1 92.7	2.3 1.8 10.3	2 22 20	3.5 37.7 52.4	1.8 1.7 2.6	+	8.0 55.8 145.1	2.0 1.7 5.0	20 128 29	5 4 1
7.C.	1311-2 ✓ MEDICAL PRIVATE PRACTICE	N R A	24 31 100	0.0 0.0 52.3	— — 0.52	24 13 62	19.8 160.7 206.2	0.8 12.4 3.3	24 13 162	19.8 160.7 258.5	0.8 12.4 1.6	12 52 162	5 4 1
	1311-4 ✓ OTHER MEDICAL LICENSES	N R A	1 6 14	0.0 0.0 0.0	— — —	1 3 18	0.0 3.0 0.0	— 1.0 —	+	STET 0.0 3 3.0 32 STET 0.0	— 1.0 —	10 12 32	5 4 1
8.A.	1311-Q ✓ CIVIL DEFENSE	N R A	1 4 21	18.0 16.0 28.5	18.0 4.0 1.4	2 7 15	17.0 34.5 34.5	8.5 4.9 2.3	2 11 36	35.0 50.5 63.0	17.5 4.6 1.4	10 44 36	5 4 1
9.A.	SEALED SOURCE DEVICE SEALED SOURCE										19.5 19.5		15 3

X

10.A. 1311-L
Power Source

	1	2	3	4	5	6	7	8	9	10	11	
N	4		4.0	1.0	0	0.0	—	4	4.0	1.0	200	50
R	0		0.3	—	0	0.0	—	0	—	—	—	12
A	3		4.0	1.3	4	3.0	0.8	7	7.0	1.0	84	12

X

1311-X
Plutonium Power
Source

	1	2	3	4	5	6	7	8	9	10	11	
N	0		0.0	—	0	0.0	—	0	0.0	—	—	50
R	0		0.0	—	0	0.0	—	0	0.0	—	—	12
A	0		0.0	—	0	0.0	—	0	0.0	—	—	12

3/82

FAC CATEGORY	IPPSAS CODE	FY80			FY81			CUMULATIVE			FY DATA		
		CASES	HOURS	HOURS CASE	CASES	HOURS	HOURS CASE	CASES	HOURS	HOURS CASE	CASES	HOURS	HOURS CASE
1. I.	1311-W PLUTONIUM NEUTRON SOURCES UNCAPSULATED	N	3	13.0	4.3	0.5	—	3	13.0	4.3	5	13.0	4.3
		R	57	73.0	1.3	9.0	1.1	65	82.0	1.3	2	82.0	1.3
		A	45	24.0	0.5	13.5	0.5	74	37.5	0.5	1	37.5	0.5
1. J.	1311-Y MANIPULATOR EXPENDED ON SPECIAL NUCLEAR MATERIAL	N	2	1.5	0.8	1.0	0.3	5	2.5	0.5		2.5	0.5
		R	2	1.0	0.5	0.0	—	2	1.0	0.5		1.0	0.5
		A	6	12.0	2.0	11.0	—	6	13.0	2.0		13.0	2.0
2. D.	1311-V OTHER SOURCE MATERIAL	N	5	51.5	10.3	146.5	29.3	10	198.0	19.8	20	198.0	19.8
		R	29	160.2	5.5	184.0	10.3	47	346.2	7.4	8	346.2	7.4
		A	67	300.5	4.5	218.3	4.0	121	518.8	4.3	5	518.8	4.3
3. A.	1311-8 BROAD LICENSES AUTHORIZING DISTRIBUTION	N	0	0.0	—	27.0	—	0	27.0	—		27.0	—
		R	2	17.5	9.8	27.5	13.8	4	47.0	11.8		47.0	11.8
		A	10	1.0	0.1	36.5	1.9	29	37.5	1.3		37.5	1.3
	1311-9 OTHER LICENSES AUTHORIZING DISTRIBUTION	N	19	10.0	0.5	46.0	2.4	38	56.0	1.5	4	56.0	1.5
		R	17	10.5	6.0	56.0	2.1	44	157.5	3.6		157.5	3.6
		A	58	23.0	0.4	78.5	0.9	144	101.5	0.7	1	101.5	0.7
	1311-U MANUFACTURING OF PRODUCTS	N	0	0.0	—	17.0	—	0	17.0	—		17.0	—
		R	0	0.0	—	27.0	—	0	27.0	—		27.0	—
		A	0	3.5	—	44.0	—	0	47.5	—		47.5	—
3. B.	1311-S MEDICAL DISTRIBUTION RADIOPHARMACEUTICAL	N	6	104.6	17.4	188.1	31.4	12	292.7	24.4	25	292.7	24.4
		R	1	34.2	34.2	129.8	14.4	10	164.0	16.4	17	164.0	16.4
		A	50	22.2	4.4	230.8	3.4	117	452.0	3.9	4	452.0	3.9
3. C.	1311-J RADIOGRAPHY FIELD FACILITY	N	6	126.5	21.1	119.5	23.9	11	244.0	22.4	25	244.0	22.4
		R	15	142.5	9.5	572.8	15.9	51	715.3	14.0	14	715.3	14.0
		A	47	111.0	2.4	186.9	3.0	109	297.9	2.7	3	297.9	2.7

FY82 2.6.1

		1	2	3	4	5	6	7	8	9	10	11
3. D.	1311-K RADIOGRAPHY TEMPORARY JOB SITE	N 0 R 2 A 1	2170 5028 3220	11 2514 3220	19 47 100	206.5 10147 4797	109 21.6 48	19 49 101	206.5 1517.5 800.7	109 31.0 79	1 -32 8	12 12 3
3. E.	1311-M IRRADIATORS INTERNAL BEAM	N 9 R 20 A 35	340 870 725	38 44 26	8 27 28	360 525 335	45 19 12	17 47 63	700 1395 1260	41 30 20	5 3 2	5 4 1
3. F.	1311-N IRRADIATORS OTHER	N 2 R 11 A 23	95 2155 675	48 196 29	2 12 22	71.4 955 526	357 80 24	4 23 45	809 511.0 120.1	20.2 135 27	21 14 3	3
3. G.	1311-A DISTRIBUTION TO GENERAL LICENSEES OTHER THAN 1311-B DISTRIBUTION TO GENERAL LICENSEES OF INDIAN KITS	N 4 R 2 A 15	385 595 875	96 298 58	3 9 14	495 790 1220	165 8.8 8.7	7 11 29	880 1385 2095	126 126 72	13 13 7	28 15 6
3. H.	1311-E OTHER EXEMPT DISTRIBUTIONS SNORE DEFECTORS OR LUMINOUS PRODUCTS	N 4 R 13 A 31	651 250 540	163 19 17	6 11 25	370 625 616	62 57 25	10 24 56	1021 875 1156	102 36 21	11 4 2	25 15 6
3. I.	1311-C DISTRIBUTION PURSUANT TO 32.18 EXEMPT QUANTITIES	N 2 R 4 A 6	10 290 20	05 72 03	1 8 3	250 295 00	250 57 -	3 12 6	260 58.5 20	87 49 03	9 5 1	5 4
3. J.	1311-D DISTRIBUTION PURSUANT TO 32.14 EXEMPT QUANTITIES	N 6 R 3 A 14	190 100 120	72 83 09	2 2 4	160 180 90	80 90 10	8 5 23	350 280 210	44 56 09	6 1	5 4 1

[illegible]

[illegible]

10. A. 1311-L
Power Source

1311-X
Plutonium Power
Source

N R A

N R A

4 0 3

0 0 0

40
03
40

00
00
00

10
13

1 1 1

0 0 4

0 0 0

00
00
30

00
00
00

1 1 8

1 1 1

4 0 7

0 0 0

40
03
70

00
00
00

10
10

1 1 1

50
12
12

50
12
12

CASES
H45

1100	3	(3)	8-5	(13)	2-4-4-5-3	(64)
1200	3-2-2-2-5-2-3	(38)	3-2-2-6-3	(61)	6-4-6-4-24-13	11
1310	9-3-11-5-12-14	(24)	18-3-1	27	3-4-4-15-2	68
1400	3-5-4-3-9	24	5-25-34-10-4	28	28-56-27-65-53-28-11	938
1500	15	16	38-11-29	26	10-8-3-26-126-245	9105
1600	1	1	3-3-6	1	3-6-8	14
1700	6	6	1	1	48-2	58
1800	10-2-8	20	6-6	283	20-9-17	46
1900	11-8-2-6-33-54-119	465	150-18-24-31-9-51	452	110-126-73-55-160	976
2000	5-9-5-19	4	6-5-6	19	20-11-2-5	28
2100	4	4	1	1	10-5	15
2200	6	6	3	3	8-3-3	14
2300	4	4	13	13	9-17-5	31
2400	2-8-14	25	5-3-19	27	17-3-58-18	94
2500	3-3-3-9	3	12-5-3	20	9-6-18-2	35
2600	3500	4	18	18	8-6-4-5	23
2700	3500	2	11	11	18-14-19	8
2800	9-2-4-1	26	20-9-3	32	73-26-16-35-21-9	183
2900	4	4	4	4	21	21
3000	2-2-4	4	7	7	4-3-2-5	14
3100	11300	2-3-5	10-3-5-7-4	29	17-8-16-6-13-9	67
3200	221203	8	13-3-9-5	57	10-8-18-9	45
3300	22160	2	8	8	9	9
3400	22150	2	2	2	6	6
3500	2600	2	5	5	1	1

A

Indicate why we can't keep time on each agency application.

Fee Category	PPSAS Code		Bassin	Brown	Wright	Hickey	Guinn	Vacca	DeMedico	Walker	77 Estimate	Composite
1.1.	1311-W Plutonium Neutron Sources Encapsulated Gauges	N	4	4	4	5	4			1	5 3	4
		R	2	2	2	4	2				4 65 ✓	2
		A	1	1	1	1	1				1 74	1
1.J.	1311-Y Manpower Expended on Special Nuclear Material	N	3	6	10	12	6				12 3	6
		R	2	6	8	12	6				12 2 ✓	6
		A	1	2	3	3	2				3 6	2

(Research, lab tests)

2.D.	1311-V Other Source Material	N	20(1)	100(1)	20(1)	20	--for penetrator taking					3.6 10	1 20 *	6
		R	10(1)	10(1)	8(1)	8						1.8 47 ✓	1 8 *	4
		A	4(1)	5(1)	4(1)	4						0.9 121	1 4 *	2

(1) Use of U for shielding, storage, etc.

(2) Use of U for penetrator testing.

(3) Byproduct of ore processing (rare earth, etc), requires environmental report. Fee based on actual time for professional review per case.

(4) Others

3.A.	1311-8 Broad Licenses Authorizing Distribution	N	20	12	100	24	20				12 38	20
		R	12	12	10(40)	16	12				12 48 ✓	12
		A	1	3	5	3	1				3 173	2

If new license is very complicated, site visit is needed, meetings with applicant, etc. -- actual time will be charged on a case basis. Otherwise N-20, D-12, A-1

Fee Category	PPSAS Code		Bassin	Brown	Wright	Hickey	Guinn	Vacca	DelMedico	Walker	77 Estimate	Composite
3.B. <i>radiopharmaceutical manufacturer</i>	1311-5											
	Medical Distribution 75% N		25	8			24	24	24	24	5 12	21 8
	Radiopharmaceutical- Manufacturers	R	15	6			16	24	24	24	4 10	18 8
	Medical Distribution 75% A Nuclear Pharmacy	A	4	2			4	5	5	5	1 117	1 2
3.D. <i>Performance of work determined by quality</i>	1311-J											
	Radiography Fixed Facility	N	20		20	8	20				5	20
	R	15		15	8	15					4	16 12
	A	3		3	3	3					1 30 100	1 12
3.E.	1311-K											
	Radiography Temporary Job Site	N	20		20	12	20				12	20
	R	15		15	12	15					12	15
	A	3		3	3	3					3	1
3.F.	1311-M											
	Irradiators Internal Beam	N	4		4	5	6				5 17	4
	R	3		3	4	2					4 47	3
	A	2		2	1	1					1 63	2
3.F. <i>Incidents > 10,000 10%</i>	1311-N											
	Irradiators < 10,000 90% Other	N	20	20	40	20	40				12 4	30 10
	R	10		14	15	12	20				12 23	12 6
	A	2		3	4	3	10				3 45	1 4

Category PPSAS Code

Bassin Brown Wright Hickey Guinn Vacca DelMedico Walker

77 Estimate Composite

1.G.	1311-A							
	Distribution to General Licensees Other than In Vitro	N	15+(20n)	13+(20n)	20+(20n)	25+(20n)	20+n	
		R	10+(20n)	10+(20n)	15+(20n)	15+(20n)	12+n	
		A	2+(20n)	3+(20n)	5+(20n)	6+(20n)	4+n	

12 7	20+n*	18
12 11	12+n*	12
3 24	4+n*	32

Fee is variable depending on the number of devices.
Basic fee N-20, R-12, A-4 + device review @ 2 hours.

3.H.	1311-E							
	Other Exempt Distributions	N	10+(20n)	10+(20n)	10+(20n)	10+(20n)		
	Smoke Detectors or Luminous Products	R	4+(20n)	4+(20n)	4+(20n)	4+(20n)		
		A	2+(20n)	2+(20n)	2+(20n)	2+(20n)		

25 10	10+n*	18
15 24	4+n*	4
6 56	2+n*	10

Fee is variable depending on the number of devices.
Basic fee N-10, R-4, A-2 plus device review @ 8 hours if required.

3.I.	1311-C							
	Distribution Pursuant to 32.18 Exempt Quantities	N	5	9	5	9	10	
		R	4	5	4	5	4	
		A	1	1	1	1	2	

5 3	5
4 12	4
1 6	1

3.J.	1311-D							
	Distribution Pursuant to 32.14 Exempt Watches	N	5	5	5	5	5	
		R	4	4	4	4	4	
		A	1	1	1	1	1	

5 2	5
4 5	4
1 23	1

Category	PPSAS Code	Bassin	Brown	Wright	Hickey	Guinn	Vacca	DelMedico	Walker	77 Estimate	Composite
J.K. 1311-0 Broad Licenses No Distribution R+D, Medical, and Academic	N	20	10	20	20	20	20	20	1	5 1 57	20
	R	20	10	20	12	20	20	20	20	4 20 123	20
	A	3	3	3	3	3	3	3	3	1 155 433	3
1311-P Other Licenses No Distribution Involves R+D and academic applications	N	8				16				5 52	12
	R	8				8				4 66	8
	A	2				2				1 315	2
1311-6 Academic Licenses No Distribution	N	8		20	10	16	20	20	5	3 56	10
	R	8		12	10	8	20	20	5	3 103	10
	A	2		3	3	2	3	3	2	1 248	10
1311-7 Measuring Systems Gauges, etc.	N	4	4	4	4	2				3 843	4
	R	4	4	4	4	2				3 415	4
	A	2	1	2	1	1				1 1697	1
1311-G Service Licenses Leak Test Installation	N	8	8	8	8	16				3 27	4
	R	8	8	8	8	16				3 27	4
	A	1	1	1	1	1				1 104	1

Fee
Category

PPSAS Code

4.B.

1311-1

Commercial Waste Disposal
Other Intermediate Firms
(Repackaging permitted)

		Bassin	Brown	Wright	Hickey	Guinn	Vacca	DelMedico	Walker
N	25			25	30	24			
R	15			15	15	16			
A	4			4	15	8			

as above. no repackaging
permitted

5.A.

1311-6

Well Logging

Commercial incineration

N	12			12	12
R	12			12	12
A	3			3	3

Field Tracer Studies 1311-

N
R
A

License application fee will be based on actual time (includes environmental report).

6.A.

1311-F

Nuclear Laundries

N	12		12	12	24
R	12		12	12	12
A	3		3	3	3

7.A.

1311-3

Teletherapy

N		12	8	9	9	
R		6	7	6	6	9
A		4	1	4	4	6

77 Estimate Composite

30	3	24
15	1	16
15	11	6
12	47	12
12	13	12
3	48	3

1/4 ARE

12	1	12
12	1	12
3	3	3
8	37	10
7	151	6
1	519	4

Category	PPSAS Code		Bassfn	Brown	Wright	Hickey	Guinn	Vacca	DeMedico	Walker	77 Estimate	Composite
7.B.	1311-1 Medical Institutions	N			9		10	9	9	1		
		R			9		10	9	9	10	5 164	10
		A			4		4	4	4	10	4 423 ✓	10
										3	1 2049	4
7.C.	1311-2 Medical Private Practice	N			9		10	9	9	10	5 24	10
		R			9		10	9	9	10	4 13 ✓	10
		A			4		4	4	4	3	1 166	4
	1311-4 Other Medical	N	4		9		4	9	9	8	5 2	10
	<i>eye & plastic surgery, limited</i>	R	2		9		2	9	9	4	4 3 ✓	10
	<i>private practice e.g.</i>	A	1		4		1	4	4	2	1 32	4
	<i>endocrinology</i>											
B.A.	1311-Q Civil Defense	N			5	5	16		5		5 2	10 5
		R			4	4	8		4		4 11 ✓	10 4
		A			2	1	1		3		1 36	10 1
							(lets discuss)					

Not used from Bill Walker

Category	PPSAS Code		<u>Bassin</u>	<u>Brown</u>	<u>Wright</u>	<u>Hickey</u>	<u>Guinn</u>	<u>Vacca</u>	<u>DelMedico</u>	<u>Walker</u>	<u>77 Estimate</u>	<u>Composite</u>
9.A.	Sealed Source Device	N	25		28*		28			1		28
		A			10		10				15 45	28 (42)
Fee is 28 hours for either a new or custom device.												
												10
		</										

FACTORS	B.S.	DATA			
FY82					
BUDGET			HOURS	FY82	HOURS
			CASES	CASES	PER HOUR
4.8	NEW	$\Sigma 8737$	6.5	700	4530.3
		$\Sigma 1350$		-	
7.8	RENEW	$\frac{12206}{1733}$	7.0	800	5639.6
2.5	AMEND	$\frac{16724}{6389}$	2.6	3600	9423.4
				5100	
					19588.3

$$\frac{19588.3}{1800} = 10.88$$

(30%)

(monthly)

201,000

W

1/7

VZ 35,969

=

(12%)

5000

u

(775000)

(490,000)

(5100)

300,000

205,300

FY82 EQUIVALENT 10.58
 $(14.3)(0.74) = 10.58$ SY
 26% MDS REVIEW TIME

PPSAS FY 80 & FY 81 DATA

<u>FACTOR FY 82</u> <u>2.617</u>		<u>HOURS</u> <u>PER CASE</u>	<u>FY 82</u> <u>CASES</u>	<u>HOURS</u> <u>FOR FY 82</u>
6.6 41 NEW	<u>7116.3</u> 1751	5.27	700	3657.2
10.6 8 RENEW	<u>14051.4</u> 1733	8.11	800	6486.5
3.4 25 AMEND	<u>19504.5</u> 6364	3.06	3600	11033.3
			5100	21207.0
			<u>21,207.0</u> 1800	= 11.78 SY

1978 FFE DATA

NEW	<u>6300</u> 1354	4.65	700	3257.0
RENEW	<u>8160.6</u> 1733	4.71	800	3767.2
AMEND	<u>7888.9</u> 6396	1.23	3600	4440.3
				11,464.5
			<u>11,464.5</u> 1800	= 6.37 SY

1. I. 1311-W

1. J. 1311-Y

2. D. 1311-V

3. A. 1311-8

1311-9

1311-U

3. B. 1311-S

3. C. 1311-J

3. D. 1311-K

3. E. 1311-M

3. F. 1311-N

3. G. { 1311-A
1311-B }

3. H. 1311-E

3. I. 1311-C

3. J. 1311-D

3. K. 1311-O

1311-P

3. L. 1311-X

1311-7

1311-G

4. B. 1311-I

4. C.

1311-H

5. A.

1311-6

6. A

1311-F

7. A.

1311-3

7. B.

1311-1

1311-Z

7. C.

1311-2

1311-4

8. A.

1311-Q

9. A. B.

SEALING SOURCE & DEVICE

10. A.

1311-L

1311-X

1. Fuel Cycle Facility

2. Reactor Facility

NMSS
FY 1981 Costs

Included For Fees

1. Processing of new applications for non-reactor facility CP's and OL's, fuel cycle licenses and approvals, and materials licenses and approvals. Includes safety, environmental, safeguards and antitrust review. (Private Industry applications).
2. Processing of applications for license renewals and amendments. (Private Industry Applications).
3. Examination and testing of non-reactor facility operators.

Excluded From Fees

1. Processing of new applications, renewals and amendments from non-profit educational, state and local governments, and Federal agencies.
2. Licensing effort which is generic in nature, i.e., not specifically identified with applications on file.
3. Staff assistance in developing criteria for safeguards contingency plans and safeguards assessment activities.
4. Standards and research coordination and development of standards and licensing guides.
5. Assistance to the Advisory Committee on Medical Uses of Isotopes that does not relate specifically to an application.
6. Issuance of orders and amendments and approvals resulting from orders.
7. Training - attendance at courses, e.g., AMA, OPM, simulator, etc.
8. Assistance to import and export licensing programs.
9. Agreement state program assistance.

A 48
Check Fee/Non-Fee
Professional Staff Years
Sheets

Contracts

Materials Licensing
Case Reviews
Licensing Case Assistance
Licensing
Professional Support
Organizational Support

MD+S →
Professional Support →
Organizational Support →

293

\$15,812,000