



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

January 8, 1982

A 56

Richard E. Cunningham
- Tuesday meeting
1:30 pm

MEMORANDUM FOR: Richard E. Cunningham, Director
Division of Fuel Cycle and Material Safety

FROM: Bernard Singer, Chief
Material Certification and Procedures Branch

SUBJECT: PROPOSED LICENSE FEE SCHEDULE REVISION

Pursuant to our meeting on January 7, 1982 relative to material license fees, I have the following suggestions for your use at the meeting on January 11, 1982 concerning this matter.

1. Begin collecting fees from federal licensees such as Veteran's Hospitals, Army, Navy, DOD, etc.
2. Collect fees from state universities.
3. Collect fees for sealed source and device amendment reviews.
4. The fee for each specific material license category should include a prorated cost for inspection. With an inspection fee added to all licensees, the cost per inspection would be less. In addition, licensees would not have the feeling that they were being forced to pay for selective inspections.
5. The possibility of adding the cost for amendment reviews in the initial fee should be considered.

A handwritten signature in dark ink, appearing to read "Bernard Singer".

Bernard Singer, Chief
Material Certification and
Procedures Branch

A 57

MEMORANDUM FOR: Those on the attached list

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

SUBJECT: MEETING ON LICENSE FEES

There will be a meeting on fee vs. non-fee work on Tuesday, January 12, from 1:30 to 3:30 in the 9th floor conference room. At the request of Mr. Davis, Dan Donoghue, ADM, and Bill Miller, LFMB, will explain the practices in assessing fees which were established by the agency and by NMSS. Those on the attached list are requested to attend.

Original Signed by
R. S. Brown, Jr.

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

cc: JDavis
DMAusshardt
Distribution
File PPB 2.6
NMSS:R/F
CSeelig
JEvans

~~8303100448~~

OFFICE	NMSS:PSB					
USERNAME	CSeelig	JEvans	RSBrown, Jr.			
DATE	11/12	11/12/82	11/12/82			

R.F. Burnett, SG

R.E. Cunningham, FC

J.B. Martin, WM

T.F. Carter, FC

D.R. Chapell, SG

R.E. Browning, WM

R.G. Page, FC

L.C. Rouse, FC

V.L. Miller, FC

C.E. MacDonald, FC

B. Evans, SG

T.S. Sherr, SG

G.W. McCorkle, SG

D. Smith, WM

R.A. Scarano, WM

A58 1/1982

TABLE # 1

Materials Licensing Decision Unit

	<u>Prof. Direct SY</u>	<u>All other SY</u>	<u>Total</u>
Licensing Case Reviews	33.8	4.5	38.3
Licensing Site Visits	1.0	0.1	1.1
Agreement States Assistance	1.0	0.1	1.1
Periodic Review of Regulations	1.0	0.5	1.5
Development of Reg. Guides	1.2	0.7	1.9
ACMUT	1.0	0.1	1.1
	<u>39.0</u>	<u>6.0</u>	<u>45.0</u>

TABLE # 2

Material Licensing Branch

	<u>Prof. Direct SY</u>	<u>All Other SY</u>	<u>Total</u>
Licensing Case Reviews *	12.8	3.7	16.5
Licensing Assistance Section	13.0	—	13.0
Licensing Site Visits	1.0	0.1	1.1
Agreement States Assistance	1.0	0.1	1.1
Periodic Review of Regulations	—	—	—
Development of Reg. Guides	—	—	—
ACMUI	1.0	0.1	1.1
Administrative Responsibilities (MDTS codes)*	4.5	—	4.5
	<u>33.3</u>	<u>4.0</u>	<u>37.3</u>

* from FY83 budget - license ^{reviews} spent 74% of their time licensing and 26% in MD & S junk. Vandy's Professional Direct total is 30.3 of which 13.0 is for LAS leaving 17.3. $17.3 \times .74 = 12.8$
 $17.3 \times .26 = 4.5$

TABLE #3

Material Certification + Procedures Branch

	<u>Prof. Direct SY</u>	<u>All other SY</u>	<u>Total</u>
Licensing Case Reviews *	2.6	0.8	3.4
Licensing Site Visits	—	—	—
Agreement States Assistance	—	—	—
Periodic Review of Regulations	1.0	0.5	1.5
Development of Reg. Guides	1.2	0.7	1.9
ACMUT	—	—	—
Administrative Responsibilities (MDTS codes)	0.9	—	0.9
	<u>5.7</u>	<u>2.0</u>	<u>7.7</u>

* From FY81 PPSAS Bernie's branch charged 17,571 hrs of which
4,664.5 were MDTS (26.5%) Bernie's Prof Direct total is 3.5

$$3.5 \times .265 = .929$$

$$3.5 \times .735 = 2.571$$

Materials Licensing Decision Unit

FY82

	<u>Professional Direct SY</u>	<u>All Other SY</u>	<u>Total</u>
Licensing Case Reviews	34.3	4.5	38.8
Licensing Site Visists	1.0	0.1	1.1
Agreement States Assistance	1.0	0.1	1.1
Periodic Review of Regulations	1.0	0.5	1.5
Development of Regulatory Guides	1.2	0.7	1.9
Advisory Committee on the Medical Uses of Isotopes	1.3	0.1	1.4
TOTALS	39.8	6.0	45.8

Materials Licensing Branch

FY82

	<u>Professional Direct SY</u>	<u>All Other SY</u>	<u>Total</u>
Licensing Case Reviews*	12.8	3.7	16.5
Licensing Assistance Section	13.5	---	13.5
Licensing Site Visists	1.0	0.1	1.1
Agreement States Assistance	1.0	0.1	1.1
Periodic Review of Regulations	---	---	---
Development of Regulatory Guides	---	---	---
Advisory Committee on the Medical Uses of Isotopes	1.3	0.1	1.4
Adminstrative Responsibilities*	4.5	---	4.5
TOTALS	34.1	4.0	38.1

* From the FY83 budget, the license reviewers spent 74% of their time licensing and 26% of their time in administrative responsibilities (MD&S codes). This branch has 30.8 SY budgeted for licensing reviews, of which 13.5 SY is for the Licensing Assistance Section. This leaves 17.3 SY.
 $17.3 \times 74\% = 12.8$
 $17.3 \times 26\% = 4.5$

Material Certification and Procedures Branch

FY82

	<u>Professional Direct SY</u>	<u>All Other SY</u>	<u>Total</u>
Licensing Case Reviews*	2.6	0.8	3.4
Licensing Assistance Section	---	---	---
Licensing Site Visists	---	---	---
Agreement States Assistance	---	---	---
Periodic Review of Regulations	1.0	0.5	1.5
Development of Regulatory Guides	1.2	0.7	1.9
Advisory Committee on the Medical Uses of Isotopes	---	---	---
Adminstrative Responsibilities*	0.9	---	0.9
TOTALS	5.7	2.0	7.7

* From the FY81 PPSAS, this branch charged a total of 17,571 hours, of which 4,664.5 hours were in administrative responsibilities (MD&S codes), (26.5%). This branch has 3.5 SY budgeted for licensing reviews.

$3.5 \times 73.5\% = 2.6 \text{ SY}$

$3.5 \times 26.5\% = 0.9 \text{ SY}$

Direct

With
N.A.R.
lineMATERIALS LICENSING7616.2
101.5
7623.7

1311 Perform safety and environmental reviews for licensing radioactive materials use

13111 Complete Licensing Cases for New applications

13112 Complete Licensing Cases for Amendment applications

13113 Complete Licensing Cases for Renewal applications

Cases

1311-0 Academic Licenses 01200, 01100

131110 New 93.2 → 94.3

131120 Amendment 363.5 367.2

131130 Renewal 330.9

15 15

123 147

29 31

1311-1 Medical Institutions 02120, 02110

131111 New 360.6 365.0

131121 Amendment 4322.6 4366.8

131131 Renewal 2225.4

30 31

1043 1245

162 176

1311-2 Medical Private Practice 02200

131112 New 19.8 20.0

131122 Amendment 206.2 208.3

131132 Renewal 160.7

24 25

62 74

13 14

1311-3 Teletherapy 02300

131113 New 143.1 144.9

131123 Amendment 1368.8 1382.8

131133 Renewal 453.1

21 22

272 325

75 81

1311-4 Other Medical Licenses 02400

131114 New — —

131124 Amendment — —

131134 Renewal 3.0

1 1

18 21

3 3

1311-5 Medical Distribution-Radiopharmaceutical 02500

131115 New 188.1 190.4

131125 Amendment 230.8 233.2

131135 Renewal 129.8

6 6

67 70

9 10

1311-6 Well Logging 03110

131116 New 176.5 178.7

131126 Amendment 249.2 251.8

131136 Renewal 212.6

27 28

52 52

7 8

1311-7 Measuring Systems-Gauges, etc. 03120

131117 New 1698.7 1719.5

131127 Amendment 1951.4 1971.4

131137 Renewal 1177.0

378 387

671 701

192 201

1311-8 Broad Licenses Authorizing Distribution 03211

131118 New 27.0 27.3

131128 Amendment 36.5 36.9

131138 Renewal 27.5

19 20

22 23

Program Code

03110

(includes
service licenses)

10/1/77

10/1/77

10/1/77

MATERIALS LICENSING (continued)

Cases

1311-9
If 1789 - Dist
to Special
Licensees
3A

Other Licenses Authorizing Distribution 03212

131119	New	46.0	46.6
131129	Amendment	78.5	79.3
131139	Renewal		56.0

19	19
86	103
27	29

1311-A

Distribution to General Licensees other than IN VITRO

3A

13111A	New	32.0	32.4
13112A	Amendment	100.0	101.0
13113A	Renewal		67.0

03213 N-3 E
A-14
R-9

1311-B

Distribution to General Licensees of IN VITRO kits

3A

13111B	New	17.5	17.7
13112B	Amendment	22.0	22.2
13113B	Renewal		12.0

Program Code

1311-C

Distribution Pursuant to 32.18 Exempt Quantities 03215

03215

3I

13111C	New	25.0	25.3
13112C	Amendment	-	-
13113C	Renewal		29.5

1	1
3	4
8	5

03216

1311-D

Distribution Pursuant to 32.14 Exempt Watches 03216

3J

13111D	New	16.0	16.2
13112D	Amendment	9.0	9.1
13113D	Renewal		18.0

2	2
9	11
2	2

03217

1311-E

Other Exempt Distribution-Smoke Detectors or Luminous Products 03217

3H

13111E	New	37.0	37.5
13112E	Amendments	61.0	61.6
13113E	Renewals		62.5

6	5
25	27.30
11	12

1311-F

Nuclear Laundries 03218

6A

13111F	New	-	-
13112F	Amendment	1.5	1.5
13113F	Renewals		2.0

1	1
3	3
1	1

1311-G

Service Licenses-Leak Test, Installation 03220

3L

13111G	New	58.2	58.9
13112G	Amendment	53.0	53.5
13113G	Renewal		85.5

2	2
10	12
2	2

1311-H

Commercial Waste Disposal-Burial 03231

4E

13111H	New	3.0	3.0
13112H	Amendment	10.0	10.1
13113H	Renewal		2.0

-	-
-	-
-	-

1311-I

Commercial Waste Disposal-Other Intermediate Firms 03232

4B 4C

13111I	New	48.0	48.6
13112I	Amendment	4.0	4.0
13113I	Renewal		10.0

2	2
4	4
1	1

ADD FILES

MATERIAL LICENSING (continued)

Program Code

Cases

03310	1311-J	Radiography Fixed Facility	03310		
		13111J New	119.5	121.0	5
3C		13112J Amendment	186.9	188.8	62
		13113J Renewal		572.8	36
03320	1311-K	Radiography-Temporary Job Site	03320		
		13111K New	206.5	209.0	19
3D		13112K Amendment	478.7	483.6	100
		13113K Renewal		1014.7	47
	1311-L	Power Source	03400		
		13111L New	-	-	-
10H		13112L Amendment	3.0	3.1	4
		13113L Renewal		-	-
	1311-M	Irradiators-Internal Beam	03510		
73E (if self-shielded)		13111M New	36.0	36.4	8
		13112M Amendment	33.5	33.9	28
		13113M Renewal		52.5	27
	1311-N	Irradiators-Other	03520		
3F (if exposed)		13111N New	71.4	72.3	2
		13112N Amendment	52.6	53.1	22
		13113N Renewal		95.5	12
	1311-O	Broad Licenses-No Distribution	03610		
3K		13111O New	75.0	75.9	-
		13112O Amendment	156.3	157.9	76
		13113O Renewal		146.5	6
	1311-P	Other Licenses-No Distribution	03620		
3K		13111P New	352.0	356.3	32
		13112P Amendment	390.0	394.0	162
		13113P Renewal		374.0	34
	1311-Q	Civil Defense	03710		
SA		13111Q New	17.0	17.2	2
		13112Q Amendment	34.5	34.9	15
		13113Q Renewal		34.5	7
	1311-R	Depleted Uranium for Shielding	11200		
EX		13111R New	2.0	2.0	6
		13112R Amendment	-	-	17
		13113R Renewal		2.0	8
	1311-S	Sub-Critical Assemblies			
		13111S New	-	-	-
		13112S Amendment	-	-	-
		13113S Renewal	-	-	-
	1311-T	Processing for Extraction of Other Elements			
		13111T New	-	-	-
		13112T Amendment	-	-	-
		13113T Renewal	-	-	-

November 5, 1981

MATERIALS LICENSING (continued)

Cases

1311-U	Manufacturing of Products		
3A ⁸	13111U New 17.0	17.2	
	13112U Amendment 44.0	44.5	
	13113U Renewal	27.0	
Program Code			
1200, 11300	1311-V Other Source Material		
2D	13111V New 146.5	148.3	5 5
	13112V Amendment 218.3	220.5	54 64
	13113V Renewal	186.0	18 19
1311-W	Plutonium Neutron Sources and Unencapsulated	22110 22120	
1I	13111W New 0.5	0.5	
	13112W Amendment 13.5	13.6	29 35
	13113W Renewal	9.0	8 9
1311-X	Plutonium Power Sources	22130	
10H	13111X New —	—	—
	13112X Amendment —	—	—
	13113X Renewal —	—	—
1311-Y	Manpower Expended on Special Nuclear Material	22140	
1I	13111Y New 1.0	1.0	— 3
1J	13112Y Amendment 11.0	11.1	— 0
	13113Y Renewal	—	— 6
1311-Z	Plutonium Powered Cardiac Pacemakers	22160, 22161	
7B	13111Z New 3.5	3.5	2 2
(most are EX)	13112Z Amendment 52.4	52.9	20 24
	13113Z Renewal	37.7	22 24
13114	Complete Licensing Cases for Registry of Sealed Sources and Devices		
9B	131141 Perform Sealed Source Reviews		
9A	131142 Perform Device Reviews		
13115	Radiographer certification		
13116	Processing and filing		
	131161 Management and Supervision of Docket Files		
	131162 Management and Supervision of Computer System		
	131163 Computer Assistance for Processing and Filing		
13117	Part 51 assessments		
13118	Information requests		
13119	Administer Contract for Independent Environmental Assessments (A9090)		
13110	Evaluation of Materials Licensing Process (Sandia Study)		
1312	Conduct licensing visits		
1313	Provide Technical assistance to agreement states		

PROGRAM CODE

PROGRAM DESCRIPTION /LONG/

PROGRAM DESCRIPTION /SHORT/

M 01-100	*ACADEMIC BROAD LICENSE
M 01-200	ACADEMIC OTHER LICENSE
M 02-110	*INSTITUTIONAL BROAD LICENSE
M 02-120	INSTITUTIONAL OTHER LICENSE
M 02-200	PRIVATE PRACTICE
M 02-300	TELETHERAPY
M 02-400	OTHER MEDICAL LICENSES
M 02-500	MEDICAL DISTRIBUTION
M 02-600	•INST BY-PRODUCT PACEMAKER
M 02-610	•INDV BY-PRODUCT PACEMAKER
M 03-110	WELL LOGGING
M 03-120	OTHER MEASURING SYSTEMS
M 03-211	M D & S BROAD LICENSES
M 03-212	M D & S OTHER LICENSES
M 03-213	GENERAL LICENSE DISTRIBUTION
M 03-215	EXEMPT QUANTITIES
M 03-216	EXEMPT WATCHES
M 03-217	OTHER EXEMPT DISTRIBUTION
M 03-218	NUCLEAR LAUNDRY
M 03-220	LEAK TEST LICENSE
M 03-231	WASTE DISPOSAL (BURIAL)
M 03-232	WASTE DISPOSAL (OTHER)
M 03-310	RADIOGRAPHY-SINGLE LOCATION (IN PLANT)
M 03-320	RADIOGRAPHY-MULTIPLE LOCATIONS (FIELD)
M 03-400	POWER SOURCE LICENSE
M 03-510	•IRRADIATOR LICENSES AUTH<10,000 CURIES
M 03-520	•IRRADIATOR LICENSES AUTH > 10,000 CURIES
M 03-610	R&D BROAD LICENSES
M 03-620	R&D OTHER LICENSES
M 03-710	CIVIL DEFENSE LICENSE
M 03-300	•BYPRODUCT EXPORT
M 04-100	TRANSPORTATION (LARGE QUANTITY)
M 04-200	TRANSPORTATION (TYPE B)
M 05-100	SEALED SOURCE AND DEVICE EVALUATION
M 11-100	HILLS
M 11-200	OTHER<150KGS.
M 11-300	OTHER>150KGS.
M 11-400	UF6 PRODUCTION PLANTS
M 11-500	MINES
M 11-600	SOURCE MATERIAL EXPORT
M 11-700	SOURCE MATERIAL IMPORT LICENSES
M 21-110	FUEL FABRICATION AND SCRAP RECY (PLTNM)

- NOT AVAILABLE FOR CURRENT REPORTING

R - AVAILABLE FOR REACTOR

M - AVAILABLE FOR MATERIAL REPORTING

PROGRAM CODE

----- PROGRAM DESCRIPTION /LONG/ -----

PROGRAM DESCRIPTION

M 21-120
M 21-130
M 21-210
M 21-220
M 21-230
M 21-240
M 21-300

FUEL FABRICATION (PLTHM)
OTHER USES INCLUDING R & D (PLTHM)
UFG CHVRSH, FUEL FBRCTH, & SCRAP RECOVERY
FUEL FABRICATION AND SCRAP RECY (URNM)
FUEL FABRICATION (URNM)
OTHER USES INCLUDING R & D (URNM)
U-233 USES

M 22-110
M 22-120
M 22-130
M 22-140
M 22-150
M 22-160
M 22-161
M 22-200

UNENCAPSULATED
NEUTRON SOURCES
POWER SOURCES (RTG, RPG, ETC.)
OTHER SOURCES
OTHER SNM (NON-CRITICAL)
INST CARDIAC PACEMAKER
INDV CARDIAC PACEMAKER
URANIUM

M 23-100
M 23-200

FUEL STORAGE LICENSE
STORAGE ONLY LICENSE

M 24-100
M 24-200

IMPORT LICENSES
SNM EXPORT

M 25-110
M 25-120
M 25-130
M 25-200
M 25-300

IRRADIATED
UNIRRADIATED PLUTONIUM
UNIRRADIATED OTHER
LARGE QUANTITY TRANSPORTATION LICENSES
TYPE B TRANSPORTATION LICENSES

R 41-000
R 41-110
R 41-111
R 41-112
R 41-120
R 41-130
R 41-150
R 41-210
R 41-220
R 41-230
R 41-280

NUCLEAR POWER STATIONS
WATER COOLED REACTORS
TERRESTRIAL
OFF-SHORE
GAS COOLED REACTORS
LIQUID METAL COOLED REACTORS
OTHER LICENSED NUCLEAR POWER STATIONS
FACILITY DESIGN APPLICATIONS
DUPLICATE PLANT APPLICATIONS
MANUFACTURING APPLICATIONS
OTHER APPLICATIONS

R 42-110
R 42-120
R 42-130
R 42-140
R 42-150
R 42-160
R 42-200
R 42-300

PROPULSION
PRODUCTION
EXPERIMENTAL
TEST
RESEARCH
CRITICAL
AEC-OWNED (PART 115)
AEC-OWNED (NOT PART 115)

DT AVAILABLE FOR CURRENT REPORTING

R - AVAILABLE FOR REACTOR

M - AVAILABLE FOR MATERIAL REPORTING

for p + 70
the overhead
in checked
applied to all