

MAY 25 1983

DRChapell
RECunningham
GJackson, LFMB
LEHeumann
LWalker
WWalker
JMetzger, IE
JHickey

A 73

JJoyner, R:I
DCollins, R:II
JMiller, R:III
GBrown, R:IV
HBook, R:V
KBrightsen

MEMORANDUM FOR: Regional Administrators

Branch Chiefs
Division of Fuel Cycle and Material Safety

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

SUBJECT: FC POLICY AND GUIDANCE DIRECTIVE 83-13; ESTABLISHMENT
OF REVISED PROGRAM CODES FOR MATERIALS LICENSES OTHER
THAN FUEL CYCLE

We have revised the program codes for materials licenses other than fuel cycle. The program code categorization of licenses has been expanded to provide better definition of the types of uses of materials and the new program codes are specified in the enclosure to this memorandum. The revision will enable NRC to have access to information concerning categorization of licenses which was not previously readily available. The information will be used to respond to requests for information concerning categorization of licenses, to provide a better data base for future license fee determinations, and for planning purposes.

We anticipate that the current program codes will be modified in the computer system about July 1, 1983, and the new program codes will be implemented. In order to make the transition from the old to the new program codes and to minimize the time during which complete information will be unavailable, the recoding of all licenses should be started as soon as possible. The following actions should be taken by each materials licensing staff:

1. Recode each license in accordance with the new program code designation. The recoding should be done only by technical staff.
2. Prepare information for input into the computer as follows:
 - a. Record new program codes on a worksheet, or printout, including docket number and license number.
 - b. Using the procedure for "Clerical Change-Type 6," update the computerized materials master file.

We shall inform you when the computer will be ready to accept the new code information. Since the data in the computer will be incomplete until all licenses have been recoded and the revised information put into the computer, we would appreciate commencement of the recoding and preparation of the information for computer input as soon as possible. The actions required to complete this task have been discussed among the staffs at both HQ and Regions.

83p627 9498 XA

OFFICE						
NAME						
DATE						

MAY 25 1983

In order to provide a better data base, we ask that the following be done in the recoding process:

1. Do not assume that a license for which the program code has not changed has been properly coded. There are errors in the system and the recoding process is intended to correct errors which exist.
2. Do not use Program Code 01200, Academic Other as a primary code. It should be used only as a secondary code. The primary program code should be the type of operation provided for in the license. For example, a license at an academic institution for a self-shielded irradiator containing 400 curies of Cesium-137 should have Program Code 03510 as the primary code and Program Code 01200 as the secondary code.
3. If a license provides for more than one category, a secondary code should be used. The primary code should be the dominant type of use provided for in the license. For example, a license may provide for use of both byproduct and special nuclear materials for research and development. Program Code 03620 should be the primary code. Program Code 22111 as the secondary code if the special nuclear material is Uranium-235.

The enclosure has a column, "PPSAS Code." This is a Headquarters designation and may be ignored by the Regional Offices. For information, the current fee category and proposed fee category are listed. If you have any questions concerning the recoding task, please contact Nathan Bassin of my staff at FTS 427-4240. Questions regarding entry into the computer should be referred to Liz Walker at FTS 427-4224.

Original Signed by
Richard E. Cunningham

Richard E. Cunningham, Director
Division of Fuel Cycle and
Material Safety, NMSS

Enclosure: New Program Codes

OFFICE	FCMC	FCMC	FC	FC		
RNAME	NBassin rad.	BSinger	DRChapell	RECunningham		
DATE	5/16/83	5/16/83	5/16/83	5/24/83		

NEW PROGRAM CODE CATEGORIES FOR MATERIALS LICENSES

<u>Program Code</u>	<u>Category Title</u>	<u>PPSAS Code</u>	<u>Proposed Fee Category</u>	3/15/83 <u>Current Fee Category</u>
<u>Byproduct Material-Academic (01XXX)</u>				
01100	Academic Broad	1311-0	*	*
01200	Academic Other	1311-1	*	*
<u>Byproduct Material-Medical (02XXX)</u>				
02110	Medical Institution Broad	1311-2	7B	7B
02120	Medical Institution Other-Group	1311-3	7C	7B
02121	Medical Institution Other-Non-Group	1311-3	7C	7B
02200	Medical Private Practice-Group	1311-4	7C	7C
02201	Medical Private Practice-Non-Group	1311-4	7C	7C
02210	Eye Applicators SR-90	1311-4	7C	7C
02220	Nuclear Medical Vans	1311-4	7C	7C
02300	Teletherapy	1311-5	7A	7A
02400	Veterinary Non-Human	1311-6	3P	3L
02410	In Vitro Testing Laboratories	1311-6	3P	3L
02500	Nuclear Pharmacies	1311-7	3A or 3B	3A or 3B
02510	Medical Product Distribution - 32.70	1311-7	3J or 3K	3G
02511	Medical Product Distribution - 32.72	1311-7	3C or 3D	3B
02512	Medical Product Distribution - 32.73	1311-7	3C or 3D	3B
02513	Medical Product Distribution - 32.74	1311-7	3C or 3D	3B
<u>Byproduct Material-Industrial (03XXX)</u>				
03110	Well Logging Byproduct and/or SNM Tracer and Sealed Sources	1311-8	5A	5
03111	Well Logging Byproduct and/or SNM Sealed Sources Only	1311-8	5A	5
03112	Well Logging Byproduct Only-Tracers Only	1311-8	5A	5
03113	Field Flooding Studies	1311-8	5B	5

* may be exempt pursuant to Part 170.11 (a) (4)

NEW PROGRAM CODE CATEGORIES FOR MATERIALS LICENSES

3/15/83
Page 2

<u>Program Code</u>	<u>Category Title</u>	<u>PPSAS Code</u>	<u>Proposed Fee Category</u>	<u>Current Fee Category</u>
Byproduct Material-Industrial (03XXX) continued				
03120	Measuring Systems Fixed Gauges	1311-9		
03121	Measuring Systems Portable Gauges	1311-9	3P	3L
03122	Measuring Systems Analytical Instruments	1311-9	3P	3L
03123	Measuring Systems Gas Chromatographs	1311-9	3P	3L
03124	Measuring Systems Other	1311-9	3P	3L
03211	Manufacturing and Distribution Broad	1311-A	3A	3A
03212	Manufacturing and Distribution Other	1311-B	3B	3A
03218	Nuclear Laundries	1311-C	6A	6
03220	Leak Test Service Only	1311-D	3P	3L
03221	Instrument Calibration Service Only	1311-D	3N	3L
03222	Leak Test and Instrument Calibration Service	1311-D	3N	3L
03223	Other Services	1311-D	3N or 3P	3L
03232	Waste Disposal Service Prepackaged Only	1311-E	4C	4C
03233	Waste Disposal Service Incineration	1311-E	4D	
03234	Waste Disposal Service Processing and/or Repackaging	1311-E	4B	4B
03240	General License Distribution - 32.51	1311-F	3J	3G
03241	General License Distribution - 32.53	1311-F	3J	3G
03242	General License Distribution - 32.57	1311-F	3J	3G
03243	General License Distribution - 32.61	1311-F	3J	3G
03244	General License Distribution - 32.71	1311-F	3K	3G

NEW PROGRAM CODE CATEGORIES FOR MATERIALS LICENSES

3/15/83

Page 3

<u>Program Code</u>	<u>Category Title</u>	<u>PPSAS Code</u>	<u>Proposed Fee Category</u>	<u>Current Fee Category</u>
<u>Byproduct Material-Industrial (03XX) continued</u>				
03250	Exempt Distribution 32.11	1311-G	3I	
03251	Exempt Distribution 32.14 timepieces	1311-G	3H	3L
03252	Exempt Distribution 32.17		3I	3J
03253	Exempt Distribution 32.18	1311-G	3I	3H
03254	Exempt Distribution 32.22	1311-G	3I	3I
03255	Exempt Distribution 32.26	1311-G	3H	3H
03310	Industrial Radiography Fixed Location	1311-H	30	3C
03320	Industrial Radiography Temporary Job Sites	1311-I	30	3D
03510	Irradiators Self Shielded < 10,000 curies	1311-J	3E	3E
03511	Irradiators Other < 10,000 curies	1311-J	3F	3F
03520	Irradiators Self Shielded > 10,000 curies	1311-K	3E	3E
03521	Irradiators Other > 10,000 curies	1311-K	3G	3F
03610	Research and Development Broad	1311-L	3L	3K
03620	Research and Development Other	1311-M	3M	3K
03710	Civil Defense	1311-N	8A	8
<u>Source Material (11XXX)</u>				
11200	Source Material Other < 150 Kg.	1311-P	2C	2D
11210	Source Material Shielding	1311-P	Exempt	Exempt or 2B
11220	Source Material Military Munition Testing	1311-P	2C	2D
11230	Source Material General License Distribution 40.34	1311-P	2C	2D
11300	Source Material Other > 150 Kg.	1311-Q	2C	2D

NEW PROGRAM CODE CATEGORIES FOR MATERIALS LICENSES

3/15/83
Page 4

<u>Program Code</u>	<u>Category Title</u>	<u>PPSAS Code</u>	<u>Proposed Fee Category</u>	<u>Current Fee Category</u>
<u>Special Nuclear Material (22XXX)</u>				
22110	Special Nuclear Material Plutonium-Unsealed, Less Than Critical	1311-R	1D	1J
22111	Special Nuclear Material U-235 and/or U-233 Unsealed Less than Critical	1311-R	1D	1J
22120	Special Nuclear Material Plutonium-Neutron Sources Less than 200 grams	1311-S	1D	1J
22130	Power Sources Byproduct and/or SNM	1311-T	3P or 1D	1D
22140	Special Nuclear Material Plutonium-Sealed Sources in Devices	1311-U	1C	1J
22150	Special Nuclear Material Plutonium-Sealed Sources Less than Critical	1311-V	1D	1J
22151	Special Nuclear Material U-235 and/or U-233 Sealed Sources, < Critical	1311-V	1D	1J
22160	Pacemaker Byproduct and/or SNM Medical Institution	1311-W	7C	7B
22161	Pacemaker Byproduct and/or SNM Individual	1311-W	Exempt	Exempt
22162	Pacemaker Byproduct and/or SNM Manufacturing and Distribution	1311-W	3B or 1D	10A
22170	Special Nuclear Material General License Distribution 70.39	1311-X	1D	1J
05100	Sealed Source Review	131141	9B	9B
05200	Device Review	131142	9A	9A

File 2.6.1
A74

ROUTING AND TRANSMITTAL SLIP

Date:

5/5/83

TO: (Name, office symbol, room number, building, Agency/Post)

Initials Date

1. Dave Clark, E.D.

2.

3.

4.

5.

Action	File	Note and Return
Approval	For Clearance	Per Conversation
As Requested	For Correction	Prepare Reply
Circulate	For Your Information	See Me
Comment	Investigate	Signature
Coordination	Justify	

REMARKS

The attached is provided per our conversation yesterday.

DO NOT use this form as a RECORD of approvals, concurrences, disposals, clearances, and similar actions.

FROM: (Name, org. symbol, Agency/Post)

Room No.—Bldg.

Claudia
Claudia Seelig

Phone No.
74072

5041-102

* GPO : 1981 O - 361-529 (148)

OPTIONAL FORM 41 (Rev. 7-76)
Prescribed by GSA
FPMR (41 CFR) 101-11.206

NMSS PROCEDURES FOR CAPTURING LICENSE FEE DATA

NMSS employees fill out a Staff Input Report (SIR) to reflect activities they work on during each week. Licensing case reviewers report time to casework control numbers (docket number and suffix which uniquely identifies a case). (For Part 30 license reviews, time is charged to generic PPSAS numbers.) This time is captured in the Program Planning and Status Assessment System (PPSAS) staff time subsystem which contains NMSS staff time records for the agency Manpower System (MPS). Each licensing case reviewer separately reports regular hours, approved non-regular hours, (paid overtime or compensatory time), and voluntary non-regular hours expended on each case.

For licensing casework, the time charged each week by employees is accumulated by case in the PPSAS casework subsystem. This subsystem tracks each licensing case received by NMSS from initial receipt to completion. The hours in this subsystem are not segregated by regular hours, approved non-regular hours, and voluntary hours.

Currently, after each licensing case is completed, a preprinted license fee memo is generated from the PPSAS casework subsystem which is used to transmit casework hours to the License Fee Management Branch (LFMB). The hours reported to LFMB are not segregated by type.

If NMSS were instructed that voluntary overtime is not fee chargeable, the PPSAS software would have to be changed. The following two options have been considered:

Option 1. Segregate casework hours starting at a specific future date.

RM estimates it would take approximately two weeks to modify PPSAS software to enable us to report segregated hours to the LFMB.

Option 2. In addition to segregating future casework hours, backfit casework hours reported on currently active license fee cases received from FY80 to the present.

RM estimates it would take two additional weeks (four weeks total time) to backfit existing PPSAS data. This existing data would be segregated by regular hours, approved non-regular hours, and voluntary non-regular hours.

Benson will articulate definition A75

Issue 1 Identify common costs in SOW

2. Get with warts DOE to figure out how to spread costs

Fonner says OK for VMSS to spread in private share.

Common
Costs

Method of Proration

→ Choose 1 or another method for each F/W.

→ prorate based on direct costs

→ or equally by # cases.

Make decision on each task.

3. If buying effort - spread equal, make separate task

4. Equate task to 1 case

issue prop - end of FY ~~to~~ accum annually
or end of task

Fonner - raw cost data must be available

↑
Add provision to contract to
preserve data + be available if
challenged

file 271
2.6.1
FY 80 A76

MATERIALS LICENSING

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

LA TIME

			Cases	Hours	Average
✓ 3L	1311-0	- Academic Licenses			
	01200	131110 New	✓ 41	✓ 119.1	2.9
	01106	131120 Amendment	✓ 75	✓ 365.7	2.1 64.8 ✓
		131130 Renewal	✓ 74	✓ 618.8	2.4
✓ 78	1311-1	Medical Institutions			
	02120	131111 New	✓ 74	✓ 522.2	
	02116	131121 Amendment	✓ 1006	✓ 13610.1	1009.3
		131131 Renewal	✓ 261	✓ 2085.5	1.0
✓ 7C	1311-2	Medical Private Practice			
	02200	131112 New	✓ 24	-	52.3
		131122 Amendment	✓ 100	52.3	
		131132 Renewal	✓ 31	-	
✓ 7A	1311-3	Teletherapy			
	02300	131113 New	✓ 16	✓ 1109.3	
		131123 Amendment	✓ 245	✓ 1307.9	
		131133 Renewal	✓ 76	✓ 260.5	
✓ 7C	1311-4	Other Medical Licenses			
	02400	131114 New	✓ 1	-	
		131124 Amendment	✓ 14	-	
		131134 Renewal	✓ 6	-	
✓ 3B	1311-5	Medical Distribution-Radiopharmaceutical			
	02500	131115 New	✓ 6 (0)	✓ 1104.6	
		131125 Amendment	✓ 50 (1)	✓ 221.2	
		131135 Renewal	✓ 1 (5)	✓ 34.2	
			2600		
✓ 3A	1311-6	Well Logging			
	02110	131116 New	✓ 12	✓ 115.5	
		131126 Amendment	✓ 46	✓ 216.5	
		131136 Renewal	✓ 6	✓ 152.6	
✓ 3L	1311-7	Measuring Systems-Gauges, etc.			
	02120	131117 New	✓ 465	✓ 1068.1	2.3
		131127 Amendment	✓ 976	✓ 964.5	1.8
		131137 Renewal	✓ 222	✓ 656.5	2.3
✓ 3A	1311-8	Broad Licenses Authorizing Distribution			
	02211	131118 New	✓ 0	-	
		131128 Amendment	✓ 10	✓ 1.0	
		131138 Renewal	✓ 2	✓ 11.5	
					<u>total 1127.10</u>

MATERIALS LICENSING (continued)

✓ 3A 1311-9
03212

Other Licenses Authorizing Distribution

131119	New	✓ 19	✓ 10.0
131129	Amendment	✓ 58	✓ 23.0
131139	Renewal	✓ 17	✓ 101.5

03213 { 1311-A

Distribution to General Licensees other than IN VITRO

13111A	New	✓ 4	✓ 38.5
13112A	Amendment	✓ 13	✓ 87.5
13113A	Renewal	✓ 2	✓ 59.5

✓ 3G { 1311-B

Distribution to General Licensees of IN VITRO kits

13111B	New		
13112B	Amendment		
13113B	Renewal		

✓ 3I 1311-C

Distribution Pursuant to 32.18 Exempt Quantities

13111C	New	✓ 2	✓ 1.0
13112C	Amendment	✓ 6	✓ 2.0
13113C	Renewal	✓ 4	✓ 29.0

✓ 3J 1311-D

Distribution Pursuant to 32.14 Exempt Watches

13111D	New	✓ 6	✓ 19.0
13112D	Amendment	✓ 14	✓ 12.0
13113D	Renewal	✓ 3	✓ 10.0

✓ 3K 1311-E

Other Exempt Distribution-Smoke Detectors or Luminous Products

13111E	New	✓ 4	✓ 65.1
13112E	Amendments	✓ 31	✓ 54.0
13113E	Renewals	✓ 13	✓ 25.0

✓ 3L 1311-F

Nuclear Laundries

13111F	New	✓ 0	✓ 0
13112F	Amendment	✓ 0	✓ 0.5
13113F	Renewals	✓ 15	✓ 0

✓ 3M 1311-G

Service Licenses-Leak Test, Installation

13111G	New	✓ 25	✓ 86.0	✓ 3.4
13112G	Amendment	✓ 44	✓ 48.0	✓ 0.5
13113G	Renewal	✓ 27	✓ 327.5	✓ 12.1

✓ 3N 1311-H

Commercial Waste Disposal-Burial

13111H	New	—	—
13112H	Amendment	—	—
13113H	Renewal	—	—

✓ 3O 1311-I

Commercial Waste Disposal-Other Intermediate Firms

13111I	New	✓ 1	✓ 22.0
13112I	Amendment	✓ 7	✓ 40.0
13113I	Renewal	✓ 0	✓ 55.0

MATERIAL LICENSING (continued)

1311-J

Radiography-Fixed Facility

13111J New 6
13112J Amendment 47
13113J Renewal 15

126.5
111.0
142.5

1311-K

Radiography-Temporary Job Site

13111K New 0
13112K Amendment 1
13113K Renewal 12

217.0
322.0
502.2

1311-L

Power Source

13111L New 4
13112L Amendment 3
13113L Renewal 0

4.0
4.0
3.0

1311-M

Irradiators-Internal Beam

13111M New 9
13112M Amendment 35
13113M Renewal 20

34.0
92.5
59.0

1311-N

Irradiators-Other

13111N New 2
13112N Amendment 23
13113N Renewal 11

9.5
67.5
215.5

1311-O

Broad Licenses-No Distribution

13111O New 1
13112O Amendment 59
13113O Renewal 14

11.5
111.2
270.3

1311-P

Other Licenses-No Distribution

13111P New 20
13112P Amendment 183
13113P Renewal 32

681.0
610.4
600.2

1311-Q

Civil Defense

13111Q New 1
13112Q Amendment 21
13113Q Renewal 4

18.0
28.5
16.0

1311-R

Depleted Uranium for Shielding

13111R New 4
13112R Amendment 14
13113R Renewal 7

2.0
3.5
5.2

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)

1311-U Manufacturing of Products

13111U New

13112U Amendment

13113U Renewal

1311-V

Other Source Material

13111V New

13112V Amendment

13113V Renewal

1311-W

Plutonium Neutron Sources and Unencapsulated

13111W New

13112W Amendment

13113W Renewal

1311-X

Plutonium Power Sources

13111X New

13112X Amendment

13113X Renewal

1311-Y

Manpower Expended on Special Nuclear Material

13111Y New

13112Y Amendment

13113Y Renewal

1311-Z

Plutonium Powered Cardiac Pacemakers

13111Z New

13112Z Amendment

13113Z Renewal

13114 Complete Licensing Cases for Registry of Sealed Sources and Devices

131141 Perform Sealed Source Reviews

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