



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

May 18, 1982

MEMORANDUM FOR: William O. Miller, Chief
License Fee Management Branch, ADM

FROM: Bernard Singer, Chief
Material Certification and Procedures Branch
Division of Fuel Cycle and Material Safety, NMSS

SUBJECT: LICENSE FEE CATEGORIES

Attached is a summary of applications received in FY 81. The enclosed proposed fee categories specifies the Program Codes encompassed for the different categories. We have no data which would provide further refinement to specify the number of applications received in each individual proposed fee category.

With respect to your memorandum dated May 11, 1982, concerning a fee category for the approval issued to Minnesota Mining and Manufacturing Company, the second fee category on page 2 of Schedule has been established for such an approval.

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B. Singer
Bernard Singer, Chief
Material Certification and
Procedures Branch

- Enclosures:
- 1. Data for FY 81
 - 2. Schedule of Professional Staff Time
 - 3. Program Table List

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APPROXIMATE DATA FOR FY81

<u>PROGRAM CODES</u>	<u>NEW LICENSES</u>	<u>RENEWALS</u>	<u>AMENDMENTS</u>	
22120 ✓	0	8	30 ✓	
22110 ✓	0	0	0 ✓	
11100 ✓	0	0	0 ✓	
11200 ✓	6	8	20 ✓	
03211 ✓	0	2	23 ✓	
03212 ✓	19	29	103 ✓	
02500 ✓	6	10	80 ✓	
03310 ✓	5	39	74	
03320 ✓	19	47	119	
03510 ✓	8	27	33	
03520 ✓	2	12	26	
03213 ✓	3	10	17	
03213	3	10	17	
03215 ✓	1	9	4	
03216 ✓	2	2	11	
01100 ✓	0	4	61	
03610 ✓	0	6	9	
01200 ✓	15	27	86	
03620 ✓	32	34	193	
03220 ✓	2	2	12	
03232 ✓	2	1	5	
03110 ✓	27	8	62	
03218 ✓	1	1	4	
02300 ✓	21	81	325	
02110 ✓	0	11	81	
02120 ✓	30	165	1164	
03710 ✓	2	7	18	
22150 ✓	3	6	0 ✓	
22160 ✓	2	24	24 ✓	
03217 ✓	6	12	30	
02400 ✓	1	3	21	
03120 ✓	387	208	801	
02200 ✓	25	14	74	
TOTAL	630	827	3527	
			3014	4984
03213 (see ASIVE Duplicate)	- 3	- 10	- 17	- 30
	627	817	3510	4954

SCHEDULE OF AVERAGE PROFESSIONAL STAFF TIME FOR MATERIAL LICENSES

Category of Material Licenses	Type of License	Hours
<p><u>Special Nuclear Material</u></p>		
<p>Licenses for possession and use of special nuclear material in sealed sources contained in devices used in industrial measuring systems.</p>	<p>1C New License Renewal Amendment</p>	<p>4 } 2 } 22150 1 } 22120</p>
<p>Other special nuclear material licenses, except licenses authorizing special nuclear material in sealed form in combination that would constitute a critical quantity as defined in § 150.11 of Part 150.</p>	<p>1D New License Renewal Amendment</p>	<p>6 } 6 } 22110 2 } 22160</p>
<p><u>Source Material</u></p>		
<p>Licenses for possession and use of source material for shielding.</p>	<p>2B New License Renewal Amendment</p>	<p>1 } 1 } 1 } 11100</p>
<p>Licenses for possession and use of source material for testing of military applications.</p>	<p>New License Renewal Amendment</p>	<p>20 } 8 } 11120 4 } 11700</p>
<p>Licenses for possession and use of source material for processing of ores containing source material for extraction of metals other than uranium or thorium.</p>	<p>New License Renewal Amendment</p>	<p>* } * } * } 11700</p>
<p>Licenses to be based on actual time.</p>		
<p>Other source material licenses.</p>	<p>2C New License Renewal Amendment</p>	<p>6 } 4 } 2 } 03211</p>
<p><u>Byproduct Material</u></p>		
<p>Licenses of broad scope for possession 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 to specific licensees.</p>	<p>3A New License Renewal Amendment</p>	<p>20 } 12 } 03211 2 }</p>
<p>Licenses for possession and use of byproduct material issued pursuant to Part 30 of this chapter for processing or manufacturing of items containing byproduct material for commercial distribution to specific licensees.</p>	<p>3B New License Renewal Amendment</p>	<p>8 } 8 } 03211 2 }</p>

Category of Material Licenses	Type of License	Hours
Licenses issued pursuant to § 32.72 and/or 32.73 of Part 32 of this chapter authorizing the processing or manufacture and distribution of radiopharmaceuticals, generators, and/or reagent kits containing byproduct material. ^{32.74 CAT}	New License Renewal Amendment	24 24 4 } 02560
Licenses issued pursuant to § 32.72 and/or 32.73 of Part 32 of this chapter authorizing distribution of radiopharmaceuticals, generators, and/or reagent kits not involving processing of byproduct material. ^{32.74}	New License Renewal Amendment	12 12 2 }
Licenses of byproduct material issued pursuant to Part 34 of this chapter for industrial radiography applications. ³⁰	New License Renewal Amendment	12 12 4 } 03510 03520
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). ^{3E}	New License Renewal Amendment	4 3 2 }
Licenses for possession and use of less than 10,000 Ci of byproduct material in sealed sources for irradiation of materials where the source is not removed from its shield for irradiation purposes. ^{3F}	New License Renewal Amendment	10 6 4 } 03510 03520
Licenses for possession and use of more than 10,000 Ci of byproduct material in sealed sources for irradiation of materials where the source is exposed for irradiation purposes. ^{3G}	New License Renewal Amendment	40 16 4 }
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 or 35 of this chapter, except specific licenses authorizing redistribution of items which have been authorized for redistribution to persons generally licensed under Parts 31 or 35 of this chapter. ^{3J}	New License Renewal Amendment	20* 12* 4* } 03510 03520

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.)

6 hours new license (see 2 pages below)

28 hours renewal license (see 2 pages below)

Category of Material Licenses	POP	Type of License	Hours
Licenses issued pursuant to subpart B of Part 32 of this chapter to distribute items containing byproduct material or quantities of byproduct which <u>do not</u> require sealed source and/or device review to persons generally licensed under Parts 31 or 35 of this chapter.	3K CAT	New License Renewal Amendment	5 4 1 } 03213
Licenses issued pursuant to subpart A of Part 32 of this chapter to distribute items containing byproduct material which <u>require</u> device review to <u>persons exempt</u> from the licensing requirements of Part.30 of this chapter.	3H	New License Renewal Amendment	10* 4* 2* } 03200
The total fee will be based on the hours specified plus eight hours for the device review.	7 x 58 = 460 = 460		03200
Licenses issued pursuant to subpart A of Part 32 of this chapter to distribute items containing byproduct material or quantities of byproduct material which <u>do not</u> require device evaluation to <u>persons exempt</u> from the licensing requirements of Part 30 of this chapter.	3S	New License Renewal Amendment	5 4 1 } 03200
Licenses of broad scope 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.	3L	New License Renewal Amendment	20 20 3 } 03610
Licenses for possession and use of byproduct material issued pursuant to Part 30 of this chapter for research and development and/or academic purposes which do not authorize commercial distribution.	3M	New License Renewal Amendment	12 8 2 } 01200
Other specific byproduct material licenses, except those in the categories specified below.	3P	New License Renewal Amendment	4 4 1 } 02400
Licenses which authorize services for other licenses, except for leak testing.	3K	New License Renewal Amendment	16 16 2
Licenses which authorize leak testing services for other licensees.	3P	New License Renewal Amendment	4 4 1 } 03220

See memo 4/16/70 Singer #1-2/16

Category of Material Licenses	est	Type of License	Hours
<p>licenses specifically authorizing the receipt of waste byproduct material, source material, or special nuclear material from other persons for the purpose of packaging or repackaging the material. The licensee may dispose of the material by transfer to another person authorized to receive or dispose of the material.</p>	4B	New License Renewal Amendment	24 16 6
<p>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.</p>	4D	New License Renewal Amendment	* * *
<p>This is a new category. Fee should be on an actual time basis until time frames can be established.</p>			63232
<p>licenses specifically authorizing the receipt of packaged 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.</p>	4C	New License Renewal Amendment	16 8 2
<p>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.</p>	5A	New License Renewal Amendment	12 12 3
<p>licenses specifically authorizing use of byproduct material for field flooding tracer studies.</p>	5B	New License Renewal Amendment	* * *
<p>Fee to be based on actual time.</p>			63110
<p>dry cleaning laundries; Licensees for commercial decontamination and laundry of items contaminated with byproduct material, source material, or special nuclear material.</p>	6A	New License Renewal Amendment	12 12 3
<p>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.</p>	7A	New License Renewal Amendment	10 6 4
			63218
			02300

SCHEDULE OF AVERAGE PROFESSIONAL STAFF TIME FOR MATERIAL LICENSES

Category of Material Licenses	Cat	Type of License	Hours
<p>licenses of broad scope issued pursuant to Parts 30, 35, 40 and 70 of this chapter authorizing research and development including human use and non-human use of byproduct material, except licenses for byproduct material, source material, or special nuclear material in sealed sources contained in teletherapy devices.</p>	7B	<p>New License Renewal Amendment</p>	<p>20 28 12 } 62 3 2 }</p>
<p>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.</p>	7C	<p>New License Renewal Amendment</p>	<p>10 } 02120 10 } 02200 4 }</p>
<p>Civil Defense: Licenses for possession and use of byproduct material, source material, or special nuclear material for civil defense activities.</p>	8A	<p>New License Renewal Amendment</p>	<p>5 } 4 } 03710 1 }</p>
<p>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.</p>	9A	<p>New License Amendment</p>	<p>28 10</p>
<p>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 requirements for a license pursuant to Parts 30, 40, and 70 of this chapter.</p>	9B	<p>New License Amendment</p>	<p>6 2</p>

M 21-120 FUEL FABRICATION (PLHM)
 M 21-130 OTHER USES INCLUDING R & D (PLHM)
 M 21-210 UPG CHVRSH, FUEL FBRCTH, & SCRAP RECOVERY
 M 21-220 FUEL FABRICATION AND SCRAP RECY (URHM)
 M 21-230 FUEL FABRICATION (URNM)
 M 21-240 OTHER USES INCLUDING R & D (URHM)
 M 21-300 U-233 USES

 M 22-110 UNENCAPSULATED
 M 22-120 NEUTRON SOURCES
 M 22-130 POWER SOURCES (RTG, RPG, ETC.)
 M 22-140 OTHER SOURCES
 M 22-150 OTHER SHM (NON-CRITICAL)
 M 22-160 INST CARDIAC PACEMAKER
 M 22-161 INDV CARDIAC PACEMAKER
 M 22-200 URANIUM

 M 23-100 FUEL STORAGE LICENSE
 M 23-200 STORAGE ONLY LICENSE

 M 24-100 IMPORT LICENSES
 M 24-200 SHM EXPORT

 M 25-110 IRRADIATED
 M 25-120 UNIRRADIATED PLUTONIUM
 M 25-130 UNIRRADIATED OTHER
 M 25-200 LARGE QUANTITY TRANSPORTATION LICENSES
 M 25-300 TYPE D TRANSPORTATION LICENSES

R 41-000 NUCLEAR POWER STATIONS
 R 41-110 WATER COOLED REACTORS
 R 41-111 TERRESTRIAL
 R 41-112 OFF-SHORE
 R 41-120 G & S COOLED REACTORS
 R 41-130 LIQUID METAL COOLED REACTORS
 R 41-150 OTHER LICENSED NUCLEAR POWER STATIONS
 R 41-210 FACILITY DESIGN APPLICATIONS
 R 41-220 DUPLICATE PLANT APPLICATIONS
 R 41-230 MANUFACTURING APPLICATIONS
 R 41-250 OTHER APPLICATIONS

 R 42-110 PROPULSION
 R 42-120 PRODUCTION
 R 42-130 EXPERIMENTAL
 R 42-140 TEST
 R 42-150 RESEARCH
 R 42-160 CRITICAL
 R 42-200 AEC-OWNED (PART 115)
 R 42-300 AEC-OWNED (NOT PART 115)

IT AVAILABLE FOR CURRENT REPORTING R - AVAILABLE FOR REACTOR M - AVAILABLE FOR MATERIAL REPORTING

Handwritten notes:
 21-120
 21-130
 21-210
 21-220
 21-230
 21-240
 21-300
 22-110
 22-120
 22-130
 22-140
 22-150
 22-160
 22-161
 22-200
 23-100
 23-200
 24-100
 24-200
 25-110
 25-120
 25-130
 25-200
 25-300

- M 01-100
- M 01-200
- M 02-110
- M 02-120
- M 02-200
- M 02-300
- M 02-400
- M 02-500
- M 02-600
- M 02-610
- M 03-110
- M 03-120
- M 03-211
- M 03-212
- M 03-213
- M 03-215
- M 03-216
- M 03-217
- M 03-218
- M 03-220
- M 03-231
- M 03-232
- M 03-310
- M 03-320
- M 03-400
- M 03-510
- M 03-520
- M 03-610
- M 03-620
- M 03-710
- M 03-300
- M 04-100
- M 04-200
- M 05-100
- M 11-100
- M 11-200
- M 11-300
- M 11-400
- M 11-500
- M 11-600
- M 11-700
- M 21-110

- ACADEMIC BROAD LICENSE
- ACADEMIC OTHER LICENSE
- INSTITUTIONAL BROAD LICENSE
- INSTITUTIONAL OTHER LICENSE
- PRIVATE PRACTICE
- TELE THERAPY
- OTHER MEDICAL LICENSES
- MEDICAL DISTRIBUTION
- INST BY-PRODUCT PACEMAKER
- INDV BY-PRODUCT PACEMAKER
- WELL LOGGING
- OTHER MEASURING SYSTEMS
- M D & S BROAD LICENSES
- M D & S OTHER LICENSES
- GENERAL LICENSE DISTRIBUTION
- EXEMPT QUANTITIES
- EXEMPT MATCHES
- OTHER EXEMPT DISTRIBUTION
- NUCLEAR LAUNDRY
- LEAK TEST LICENSE
- WASTE DISPOSAL (BURIAL)
- WASTE DISPOSAL (OTHER)
- RADIOGRAPHY-SINGLE LOCATION (IN PLANT)
- RADIOGRAPHY-MULTIPLE LOCATIONS (FIELD)
- POWER SOURCE LICENSE
- IRRADIATOR LICENSES AUTH < 10,000 CURIES
- IRRADIATOR LICENSES AUTH > 10,000 CURIES
- R&D BROAD LICENSES
- R&D OTHER LICENSES
- CIVIL DEFENSE LICENSE
- BYPRODUCT EXPORT
- TRANSPORTATION (LARGE QUANTITY)
- TRANSPORTATION (TYPE B)
- SEALED SOURCE AND DEVICE EVALUATION
- MILLS
- OTHER < 150KGS.
- OTHER > 150KGS.
- UFG PRODUCTION PLANTS
- NINES
- SOURCE MATERIAL EXPORT
- SOURCE MATERIAL IMPORT LICENSES
- FUEL FABRICATION AND SCRAP RECY (PLTRM)

NOT AVAILABLE FOR CURRENT REPORTING

R - AVAILABLE FOR REACTOR

M - AVAILABLE FOR MATERIAL REPORTING