

JUL 28 1983

Distribution:
 NMSS PSB 2.6.1
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MEMORANDUM FOR: Patricia G. Norry, Director
 Office of Administration

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

SUBJECT: FINAL RULE CHANGES FOR 10 CFR 170

Ordley to ITS 130701

In response to your July 11, 1983 request, we have reviewed the proposed final rule changes for 10 CFR 170. We will concur in the proposed final rule after the following changes are made.

We do not concur in the elimination of "voluntary" overtime as proposed in Enclosure B. NMSS management has a need to receive information regarding the amount of "voluntary" overtime that is expended to accomplish our mission. This data is captured in our Program Planning and Status Assessment System (PPSAS) and reports displaying this information are provided to NMSS management on a routine basis. Labor rates contained in the NMSS budget are based upon historical data which includes voluntary overtime. In summary, NMSS has a continuing need to record voluntary overtime so we know the true cost of accomplishing our mission.

The license fee memoranda that NMSS currently provides to the License Fee Management Branch reflect only total hours (an aggregate of regular hours, approved overtime, and voluntary overtime). We will work with the LFMB staff and the Office of Resource Management to change the NMSS data base and necessary soft-ware programs so that we can provide license fee memoranda which distinguish between regular hours, approved overtime and voluntary overtime. If the License Fee Management Branch establishes a policy of billing for regular hours only, the revised computer programs would provide the necessary information.

NMSS would like to include a ceiling for all fee categories. We feel that full-cost fees in areas such as waste disposal will be perceived as a disincentive to license applicants. For those categories where there is limited experience, we have developed estimates based on similar types of cases. Estimates for maximum fee costs are enclosed. Also, we have annotated the schedule to reflect rounded values for the maximum fees.

License fee category 11, "Review of Standardized Spent Fuel Facilities," should be eliminated because there is currently no provision to license this type of facility.

We also note there is an error on page 69A of Enclosure 4. The maximum frequency for categories 2A and 2B should read "1 per year" instead of "1 per 3 years".

OFFICE	8502130209 840730					
SURNAME	PDR FOIA					
DATE	REYNOLD84-564 PDR					

Patricia G. Norry

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We will concur on the proposed final rule for 10 CFR 170 after the above changes are made. If you have any questions, please contact John Evans or Claudia Seelig on ext. 74072.

J Evans for

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

Enclosure: As stated

OFFICE	NMSS:PSB	NMSS:PSB	NMSS:PSB				
SURNAME	CSeelig:mlr	J Evans	RS Brown, Jr.				
DATE	7/27/83	7/27/83	7/27/83				

9. Section 170.31 is revised to read as follows:

§170.31 Schedule of fees for materials licenses and other regulatory services.

Applicants for materials licenses and other regulatory services and holders of materials licenses shall pay the following fees:

SCHEDULE OF FEES FOR MATERIALS LICENSES AND OTHER REGULATORY SERVICES

Category of Materials Licenses	Type of Fee <u>1/</u>	Fee <u>2/</u>
1. Special Nuclear material: <u>7/</u>		
A. Licenses for possession and use of 5 kg or more of contained uranium 235 in uranium enriched to 20 pct or more, or 2 kg or more of uranium 233, for fuel processing and fabrication. <u>3/</u>	Application.....	\$150
	License.....	800,000. \$825,000
	Renewal.....	310,000. \$313,000
	Amendment.....	\$170,000.
B. Licenses for possession and use of 5 kg or more of contained uranium 235 in uranium enriched to less than 20 pct, for fuel processing and fabrication. <u>3/</u>	Application.....	\$150
	License.....	600,000. \$616,000
	Renewal.....	260,000. \$261,000
	Amendment.....	145,000. \$147,000
C. Licenses for possession and use of 2 kg or more of plutonium for fuel processing and fabrication. <u>3/</u>	Application.....	\$150
	Construction Approval and License.....	1,400,000. \$1,444,000
	Renewal.....	460,000. \$461,000
	Amendment.....	270,000. \$222,000
D. Licenses for fuel possession and use of 5 kg or more of contained uranium 235 in unsealed form, or 2 kg or more of uranium 233 in unsealed form for activities other than fuel processing and fabrication. <u>3/</u>	Application.....	\$150
	License.....	400,000. \$408,000
	Renewal.....	110,000. \$114,000
	Amendment.....	120,000. \$121,000
E. Licenses for possession and use of quantities of plutonium of 2 kg or more in unsealed form for activities other than fuel processing and fabrication. <u>3/</u>	Application.....	\$150
	License.....	1,000,000. \$1,083,000
	Renewal.....	\$280,000
	Amendment.....	\$170,000

See footnotes at end of table.

SCHEDULE OF FEES FOR MATERIALS LICENSES AND OTHER REGULATORY SERVICES
(Continued)

Category of Materials Licenses	Type of Fee <u>1/</u>	Fee <u>2/</u>
F. Licenses for possession and use of 200 g but less than 2 kg of plutonium in unsealed form. <u>3/</u>	Application.....	\$150
	License.....	400,000 \$400,000
	Renewal.....	110,000 \$114,000
	Amendment.....	\$120,000
G. Licenses for possession and use of 350 g but less than 5 kg of contained uranium 235 in unsealed form, or 200 g but less than 2 kg of uranium 233 in unsealed form. <u>3/</u>	Application.....	\$150
	License.....	280,000 \$288,000
	Renewal.....	100,000 \$104,000
	Amendment.....	65,000 \$68,000
H. Licenses for receipt and storage of spent fuel at an independent spent fuel storage installation. (ISFSI). <u>3/</u>		
1. License for receipt and storage of spent fuel where the ISFSI is to be located at a new site.	Application.....	\$150
	License.....	600,000 \$609,700
	Renewal <i>see enclosure</i>	Full Cost
	Amendment.....	150,000 \$159,000
2. License for receipt and storage of spent fuel where the ISFSI is to be located at the site of an existing nuclear facility. <u>4/</u>	Application.....	\$150
	License.....	410,000 \$419,000
	Renewal <i>see enclosure</i>	Full Cost
	Amendment.....	150,000 \$159,000
I. Licenses for possession and use of special nuclear material in sealed sources contained in devices used in industrial measuring systems. <u>5/</u>	Application-New license.....	\$230
	Renewal.....	\$120
	Amendment.....	\$60
J. 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 15C which shall pay the same rate as Category 1G.	Application-New license.....	\$350
	Renewal.....	\$350
	Amendment.....	\$120

See footnotes at end of table.

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SCHEDULE OF FEES FOR MATERIALS LICENSES AND OTHER REGULATORY SERVICES
(Continued)

Category of Materials Licenses

Type of Fee 1/Fee 2/2. Source material: 7/

- A. Licenses for possession and use of source material in milling operations, except in in-situ leaching and heap-leaching operations, ore-buying stations, ion-exchange facilities, and in processing ores containing source material for extraction of metals. 3/

Application.....\$150
License.....~~340,000~~..\$343,000
Renewal.....~~125,000~~..\$128,000
Amendment.....~~50,000~~..\$54,000

- B. Licenses for processing and recovery of source material in in-situ leaching operations or heap-leaching operations. 3/

Production Scale:
Application.....\$150
License.....~~250,000~~..\$258,000
Renewal.....~~90,000~~..\$91,000
Amendment.....~~40,000~~..\$43,000

Research & Development Scale:
Application.....\$150
License.....~~90,000~~..\$91,000
Renewal.....\$40,000
Amendment.....~~20,000~~..\$22,000

- C. Licenses for refining uranium mill concentrates to uranium hexafluoride. 3/

Application.....\$150
License.....~~400,000~~..\$407,000
Renewal.....~~200,000~~..\$209,000
Amendment.....~~110,000~~..\$112,000

- D. Licenses for possession and use of source material in ore buying stations, ion-exchange facilities and in processing of ores containing source material for extraction of metals other than uranium or thorium, including licenses authorizing the possession of byproduct waste material (tailings) from source material recovery operations. 3/

Application.....\$150
License.....~~50,000~~..\$54,000
Renewal.....~~20,000~~..\$22,000
Amendment.....~~10,000~~..\$11,000

See footnotes at end of table.

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SCHEDULE OF FEES FOR MATERIALS LICENSES AND OTHER REGULATORY SERVICES
(Continued)

Category of Materials Licenses	Type of Fee ^{1/}	Fee ^{2/}
E. Licenses authorizing decommissioning, reclamation or restoration activities as well as licenses authorizing the possession and maintenance of a facility in a standby mode. ^{3/}	Application.....	\$150
	Amendment see enclosure. Full Cost	
	Renewal see enclosure. Full Cost	
F. Licenses for possession and use of source material for shielding.	Application-New License.....	\$60
	Renewal.....	\$60
	Amendment.....	\$60
G. All other source material licenses.	Application-New License.....	\$350
	Renewal.....	\$230
	Amendment.....	\$120
3. Byproduct material: ^{7/}		
A. 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.	Application-New License.....	\$1200
	Renewal.....	\$700
	Amendment.....	\$120
B. Other 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.	Application-New License.....	\$460
	Renewal.....	\$460
	Amendment.....	\$120
C. Licenses issued pursuant to §§32.72, 32.73, and/or 32.74 of Part 32 of this chapter authorizing the processing or manufacture and distribution of radiopharmaceuticals, generators, reagent kits and/or sources and devices containing byproduct material.	Application-New License.....	\$1400
	Renewal.....	\$1400
	Amendment.....	\$230

See footnotes at end of table.

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SCHEDULE OF FEES FOR MATERIALS LICENSES AND OTHER REGULATORY SERVICES
(Continued)

Category of Materials Licenses	Type of Fee ^{1/}	Fee ^{2/}
D. Licenses issued pursuant to §§32.72, 32.73, and/or 32.74 of Part 32 of this chapter authorizing distribution of radiopharmaceuticals, generators, reagent kits and/or sources or devices not involving processing of byproduct material.	Application-New license.....	\$700
	Renewal.....	\$700
	Amendment.....	\$120
E. 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).	Application-New license.....	\$230
	Renewal.....	\$170
	Amendment.....	\$120
F. 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.	Application-New license.....	\$580
	Renewal.....	\$350
	Amendment.....	\$230
G. Licenses for possession and use of 10,000 curies or more of byproduct material in sealed sources for irradiation of materials where the source is exposed for irradiation purposes.	Application-New license.....	\$2300
	Renewal.....	\$930
	Amendment.....	\$230
H. 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.	Application-New license.....	\$580
	Renewal.....	\$230
	Amendment.....	\$120

See footnotes at end of table.

SCHEDULE OF FEES FOR MATERIALS LICENSES AND OTHER REGULATORY SERVICES
(Continued)

Category of Materials Licenses	Type of Fee <u>1/</u>	Fee <u>2/</u>
I. 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.	Application-New license.....	\$290 Renewal.....\$230 Amendment.....\$60
J. 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 distribution to persons generally licensed under Parts 31 or 35 of this chapter.	Application-New license.....	\$1200 Renewal.....\$700 Amendment.....\$230
K. Licenses issued pursuant to subpart B of Part 32 of this chapter to distribute items containing byproduct material or quantities of byproduct material which do not require sealed source and/or device review to persons generally licensed under Parts 31 or 35 of this chapter.	Application-New license.....	\$290 Renewal.....\$230 Amendment.....\$60
L. 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 which do not authorize commercial distribution.	Application-New license.....	\$1200 Renewal.....\$700 Amendment.....\$120

See footnotes at end of table.

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SCHEDULE OF FEES FOR MATERIALS LICENSES AND OTHER REGULATORY SERVICES
(Continued)

Category of Materials Licenses	Type of Fee <u>1/</u>	Fee <u>2/</u>
M. Other licenses for possession and use of byproduct material issued pursuant to Part 30 of this chapter for research and development which do not authorize commercial distribution.	Application-New license.....	\$700
	Renewal.....	\$460
	Amendment.....	\$120
N. Licenses which authorize services for other licensees, except for leak testing and waste disposal pickup services.	Application-New license.....	\$930
	Renewal.....	\$930
	Amendment.....	\$120
O. Licenses for byproduct material issued pursuant to Part 34 of this chapter for industrial radiography operations.	Application-New license.....	\$700
	Renewal.....	\$700
	Amendment.....	\$230
P. All other specific byproduct material licenses, except those in categories 4A through 9D.	Application-New license.....	\$230
	Renewal.....	\$230
	Amendment.....	\$60
4. Waste Disposal: <u>7/</u>		
A. Licenses specifically authorizing the receipt of waste byproduct material, source material, or special nuclear material from other persons for the purpose of commercial disposal by land or sea burial by the licensee; or licenses authorizing contingency storage of low level radioactive waste at the site of nuclear power reactors; or licenses for treatment or disposal by incineration, packing of residues resulting from incineration and transfer of packages to another person authorized to receive or dispose of waste material.	Application.....	\$150
	License.....	Full Cost <u>3/</u>
	Renewal.....	Full Cost <u>3/</u>
	Amendment.....	Full Cost <u>3/</u>

See footnotes at end of table.

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SCHEDULE OF FEES FOR MATERIALS LICENSES AND OTHER REGULATORY SERVICES
(Continued)

Category of Materials Licenses	Type of Fee <u>1/</u>	Fee <u>2/</u>
B. 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 will dispose of the material by transfer to another person authorized to receive or dispose of the material.	Application-New license..... Renewal..... Amendment.....	\$1400 \$930 \$350
C. 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.	Application-New license..... Renewal..... Amendment.....	\$930 \$460 \$120
5. Well Logging: <u>7/</u>		
A. Licenses specifically authorizing use of byproduct material, source material, and/or special nuclear material for well logging, well surveys, and tracer studies other than field flooding tracer studies.	Application-New license..... Renewal..... Amendment.....	\$700 \$700 \$170
B. Licenses specifically authorizing use of byproduct material for field flooding tracer studies.	Application..... License..... Renewal..... Amendment.....	\$150 Full Cost Full Cost Full Cost
6. Nuclear Laundries: <u>7/</u>		
A. Licenses for commercial collection and laundry of items contaminated with byproduct material, source material, or special nuclear material.	Application-New license..... Renewal..... Amendment.....	\$700 \$700 \$170

See footnotes at end of table.

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SCHEDULE OF FEES FOR MATERIALS LICENSES AND OTHER REGULATORY SERVICES
(Continued)

Category of Materials Licenses	Type of Fee <u>1/</u>	Fee <u>2/</u>
7. Human Use of Byproduct, Source or Special Nuclear Material: <u>7/</u>		
A. 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.	Application-New license.....	\$580
	Renewal.....	\$350
	Amendment.....	\$230
B. Licenses of broad scope issued to medical institutions or two or more physicians pursuant to Parts 30, 33, 35, 40, and 70 of this chapter authorizing research and development including human use of byproduct material, except licenses for byproduct material, source material, or special nuclear material in sealed sources contained in teletherapy devices.	Application-New license.....	\$1200
	Renewal.....	\$700
	Amendment.....	\$120
C. 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 services.	Application-New license.....	\$580
	Renewal.....	\$580
	Amendment.....	\$120
8. Civil Defense: <u>7/</u>		
A. Licenses for possession and use of byproduct material, source material, or special nuclear material for civil defense activities.	Application-New license.....	\$290
	Renewal.....	\$230
	Amendment.....	\$60

See footnotes at end of table.

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SCHEDULE OF FEES FOR MATERIALS LICENSES AND OTHER REGULATORY SERVICES (Continued)

Category of Materials Licenses	Type of Fee ^{1/}	Fee ^{2/}
9. Device, Product or Sealed Source Safety Evaluation:		
A. Safety evaluation of devices or products containing byproduct material, source material, or special nuclear material, except reactor fuel devices, for commercial distribution.	Application -	
	each device.....	\$1600
	Amendment -	
	each device.....	\$580
B. Safety evaluation of devices or products containing byproduct material, source material, or special nuclear material manufactured in accordance with unique specifications of, and for use by, a single applicant, except reactor fuel devices.	Application -	
	each device.....	\$800
	Amendment -	
	each device.....	\$290
C. Safety evaluation of sealed sources containing byproduct material, source material, or special nuclear material, except reactor fuel, for commercial distribution.	Application -	
	each source.....	\$350
	Amendment -	
	each source.....	\$120
D. Safety evaluation of sealed sources containing byproduct material, source material or special nuclear material, manufactured in accordance with the unique specifications of, and for use by a single applicant, except reactor fuel.	Application -	
	each source.....	\$175
	Amendment -	
	each source.....	\$60
10. Transportation of Radioactive Material:		
A. Evaluation of spent fuel cask for greater than 20 kW decay heat.	Application.....	\$150
	Approval.....	\$164,000 ^{3/}
	Renewal.....	\$1,400 ^{3/}
	Amendment.....	\$43,000 ^{3/}

See footnotes at end of table.

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SCHEDULE OF FEES FOR MATERIALS LICENSES AND OTHER REGULATORY SERVICES (Continued)

Category of Materials Licenses	Type of Fee ^{1/}	Fee ^{2/}
B. Evaluation of spent fuel cask for less than 20 kW decay heat; air shipping package for plutonium; high-level waste casks; and packages containing radioactive material equal to or greater than 2,000 times the type A quantity. <u>6/</u>	Application.....	\$150
	Approval.....	\$143,000
	Renewal.....	\$1400
	Amendment.....	\$43,000
C. Evaluation of fissile packages containing greater than type A quantities of radioactive material; packages containing radioactive material less than 2,000 times the type A quantity. <u>6/</u>	Application.....	\$150
	Approval.....	\$65,000
	Renewal.....	\$900
	Amendment.....	\$32,000
D. Evaluation of fissile packages containing less than type A quantities of radioactive material; packages containing radioactive material less than 200 times the type A quantity. <u>6/</u>	Application.....	\$150
	Approval.....	\$43,000
	Renewal.....	\$900
	Amendment.....	\$16,000
E. Evaluation of packages containing radioactive material less than 20 times the type A quantity. <u>6/</u>	Application.....	\$150
	Approval.....	\$27,000
	Renewal.....	\$900
	Amendment.....	\$16,000
11. Review of Standardized Spent Fuel Facilities	Application.....	\$150
	Approval.....	Full Cost
	Amendment.....	Full Cost
12. Special Projects	Application.....	\$150
	Approval.....	Full Cost
	Amendment.....	Full Cost

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Types of Fees - Separate charges as shown in the schedule will be assessed for applications for new licenses and approvals, issuance of new licenses and approvals, and amendments and renewals to existing licenses and approvals. The following guidelines apply to these charges:

(footnotes continued)

1. Topical And Other Reports \$2,100
 2. Amendments, Renewals and Supplements \$2,100
 3. All other Special Projects and Amendments Full Cost ^{3/}
- To Topical And Other Reports

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<u>Category of Materials Licenses</u>	<u>Type of Fee</u>	<u>Maximum Fee</u>
1. Special Nuclear Material		
H.1. License for receipt and storage of spent fuel where the ISFSI is to be located at a new site.	Renewal	\$300,000
H.2. License for receipt and storage of spent fuel where the ISFSI is to be located at the site of an existing nuclear facility.	Renewal	\$200,000
2. Source Material		
NOTE: We are subdividing category 2.E.		
E.1. Licenses authorizing decommissioning, reclamation or restoration activities for a facility described in 2.A. above, as well as licenses authorizing the possession and maintenance of such a facility in a standby mode.	Amendment Renewal	\$125,000 \$125,000
E.2. Licenses authorizing decommissioning, reclamation or restoration activities for a facility described in 2.B. above, as well as licenses authorizing the possession and maintenance of such a facility in a standby mode.	Amendment Renewal	\$ 25,000 \$ 25,000
4. Waste Disposal		
A. Licenses specifically authorizing the receipt of waste byproduct material, source material, or special nuclear material from other persons for the purpose of commercial disposal by land or sea burial by the licensee; or licenses authorizing contingency storage of low level radioactive waste at the site of nuclear power reactors; or licenses for treatment or disposal by incineration, packaging of residues resulting from incineration and transfer of packages to another person authorized to receive or dispose of waste material.	License Renewal Amendment	\$800,000 \$400,000 \$150,000
5. Well Logging		
B. Licenses specifically authorizing use of byproduct material for field flooding tracer studies.	Application License Renewal Amendment	\$ 150 \$ 2,300 \$ 930 \$ 230

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(Background - file only)

<u>Category of Materials Licenses</u>	<u>Type of Fee</u>	<u>Maximum Fee</u>
1. Special Nuclear Material		
H.1. License for receipt and storage of spent fuel where the ISFSI is to be located at a new site.	Renewal	\$300,000
H.2. License for receipt and storage of spent fuel where the ISFSI is to be located at the site of an existing nuclear facility.	Renewal	\$200,000

(Fees for renewal of 1.H.1 and 1.H.2 were based on a conversation with Lee Rouse on 7/27/83. He estimated that these would require approximately one-half of the effort required to issue a new license. These are renewed every 20 years and there is not enough historical data to use for estimating.)

2. Source Material

NOTE: We are subdividing category 2.E.

E.1. Licenses authorizing decommissioning, reclamation or restoration activities for a facility described in 2.A. above, as well as licenses authorizing the possession and maintenance of such a facility in a standby mode.	Amendment	\$125,000
	Renewal	\$125,000
E.2. Licenses authorizing decommissioning, reclamation or restoration activities for a facility described in 2.B. above, as well as licenses authorizing the possession and maintenance of such a facility in a standby mode.	Amendment	\$ 25,000
	Renewal	\$ 25,000

(Fees for amendment/renewal of 2.E.1. were based on a conversation with John Linehan on 7/27/83. He estimated that these would require approximately the same amount of effort required for a renewal because the staff would have to review data gathered over the facility lifetime. An environmental assessment may be required. Fees for amendment/renewal of 2.E.2 were also provided by J. Linehan. He estimated that these would require 40 to 500 staff hours of effort and no contractual assistance. He derived these estimates from two current cases (04008380161E and 04008714100E). The \$25,000 figure is based on 500 hours multiplied by the \$58/hour rate in the proposed fee schedule. John estimated that the same estimate was appropriate for both amendments and renewals.)

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<u>Category of Materials Licenses</u>	<u>Type of Fee</u>	<u>Maximum Fee</u>
4. Waste Disposal		
A. Licenses specifically authorizing the receipt of waste byproduct material, source material, or special nuclear material from other persons for the purpose of commercial disposal by land or sea burial by the licensee; or licenses authorizing contingency storage of low level radioactive waste at the site of nuclear power reactors; or licenses for treatment or disposal by incineration, packaging of residues resulting from incineration and transfer of packages to another person authorized to receive or dispose of waste material.	License Renewal Amendment	\$800,000 \$400,000 \$150,000

(These rates were extracted from the proposed rule. They represent the maximum levels and were calculated based on previous NMSS input (7/81) to LFMB.)

5. Well Logging

B. Licenses specifically authorizing use of byproduct material for field flooding tracer studies.	Application License Renewal Amendment	\$ 150 \$ 2,300 \$ 930 \$ 230
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(These rates are equal to the highest rate for a byproduct material license. There is no historical experience to base these estimates on. Currently, only two licenses exist in this category. They were issued years ago in a broad, nonspecific format. One was renewed recently requiring considerable staff effort due to the fact that NMSS tried to make the renewal more specific. The other is currently being reviewed for renewal. There are no standard review plans or regulatory guides for these licenses. If future reg guides specify what is expected under this type of license, the amount of staff effort would decrease considerably compared to that expended on the two current licenses. Therefore, the estimates did not consider the limited historical data and were based on rates for other byproduct licenses. Facts on the two current licenses and standard review plans/guides were provided by Bruce Carrico on 7/27.)