



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

February 25, 1997

MEMORANDUM TO:

Donald H. Lanham
Docketing and Document Control Desk Section
Office of Information Resources Management

FROM:

C. James Holloway, Jr.
C. James Holloway, Jr.
Assistant for Fee Policy and Rules
Office of the Controller

SUBJECT:

FEE WORKPAPERS FOR 10 CFR PARTS 170 AND 171 PROPOSED RULE --
FY 1997

Attached are two sets of the workpapers in support of the Proposed Rule scheduled for publication in the Federal Register in the next few days. Please advance one set of the workpapers to the Public Document Room immediately and ask the PDR staff to time-stamp them upon receipt and put them on display for immediate perusal. The other set is for processing through the NUDOCS system. In this way, the PDR gets an advance copy and an additional copy through normal processing.

Thank you for your assistance in this matter.

Attachments: As stated

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PDR ORG NECCN
PDR

Df02

NRC Budgeted Cost (FY 1997)

Part 171 Annual Fees

- Power Reactor Annual Fees
- Nonpower Reactor Fees
- Fuel Facilities Fees
- Spent Fuel Storage Fees
- Uranium Recovery Fees
- Rare Earth Facility Fees
- Transportation Fees
- Materials Annual Fees

Determination of Percentage Adjustment to Part 171 Annual Fees

Part 170 Fees

- Licensing Fees
- Export and Import Fees
- Reciprocity Fees -- Agreement State Licensees

Determination of Hourly Rate for Part 170 Licensing Fees

Estimated Collections

Regulatory Flexibility Analysis

Small Entity Compliance Guide

Budget Authority (FY 1997)

Public Law 101-508

Part 171 Annual Fees

FY 1997
(\$ in Millions)

\$476.8	NRC Budget Authority
<u>x 100%</u>	Recovery Rate
\$476.8	To Be Recovered
-11.0	Appropriated from Nuclear Waste Fund
<u>-3.5</u>	Appropriated from General Fund
\$462.3	Amount to be recovered through fees
<u>-96.0</u>	Estimated amount to be recovered through Part 170 licensing and inspection fees and other offsetting receipts
\$366.3	Estimated amount to be recovered through Part 171 annual fees

\$171.15 Annual Fees: Reactor operating licenses.

(a) Each person licensed to operate a power, test, or research reactor shall pay the annual fee for each unit for which the person holds an operating license at any time during the Federal FY in which the fee is due, except for those test and research reactors exempted in §171.11(a)(1) and (a)(2).

(b) The FY 1997 uniform annual fee for each operating power reactor which must be collected by September 30, 1997, is \$2,972,000. This fee has been determined by adjusting the FY 1996 annual fee upward by 8.2 percent. In the FY 1995 final rule, the NRC stated it would stabilize annual fees by adjusting the annual fees only by the percentage change (plus or minus) in NRC's total budget authority and adjustments based on changes in 10 CFR Part 170 fees as well as on the number of licensees paying the fees. The first adjustment to the annual fees using this method occurred in FY 1996 when all annual fees were decreased 6.5 percent below the FY 1995 annual fees.

Determination of FY 1997
Annual Fees

<u>Fee Classes/Subclasses</u>	<u>FY 1996 Annual Fees (Exact)</u>	<u>Percent Increase (8.2%)</u>	<u>FY 1997 Annual Fees (Rounded)</u>
<u>Reactors</u>			
Power	\$2,745,825	8.2%	\$2,972,000

NUMBER OF LICENSES

FY 1997										
License Fee Category	FY 96	Transfer to Mass.	Billed	Total	Billed	Total	Compared to FY96	FY1996	FY1996	FY1997
			at FY96 Fee	at FY96 Fee*	at FY97 Fee			Annual Fee (Round)	Annual Fee (Exact)	Annual Fee (Exact)

REACTORS										

Power	108.9			0	108.2	108.2	-0.7	2,746,000	2,745,825	2,971,542
Small Older Reactors	1			0	1	1	0.0	192,900	192,927	208,786
Non-power	5			0	5	5	0.0	52,800	52,639	57,183

FUEL FACILITIES AND SNM										

1.A.(1)(a) HEU	2			0	2	2	0.0	2,403,000	2,402,649	2,600,155
1.A.(1)(b) LEU	4			0	4	4	0.0	1,179,000	1,179,470	1,276,427
1.A.(2)(a) Limited Fuel Fab	1			0	1	1	0.0	469,200	469,181	507,749
1.A.(2)(b) All Other Fuel Fab	1			0	1	1	0.0	318,600	318,593	344,783
1.B. Independent Spent Fuel Storage	7			0	7	7	0.0	260,900	260,921	282,370
1C. Industrial Gauges	20		12	12	7	19	-1.0	1,200	1,194	1,292
1D. All Other SNM	77	1	54	54.5	24	78.5	1.5	2,800	2,817	3,049
1.E. Uranium Enrichment	0			0	1	1	1.0	2,403,000	2,402,649	2,600,155

URANIUM RECOVERY AND SOURCE MATERIAL:										

2.A.(1) UF6 Conversion	1			0	1	1	0.0	597,800	597,796	646,937
2.A.(2)(a) Class I (Conventional Mills)	3			0	3	3	0.0	57,000	56,961	61,643
2.A.(2)(b) Class II (In-situ Mills)	6			0	6	6	0.0	32,200	32,179	34,824
2.A.(2)(c) Other (Rare Earth Mills)	3			0	3	3	0.0	20,600	20,574	22,265
2.A.(3) Disposal of 11e(2) Materials	1			0	1	1	0.0	41,800	41,796	45,232
2.A.(4) 11e(2) Disposal Incidental to Oper.	3			0	2	2	-1.0	7,400	7,397	8,005
2B. Shielding	40	1	27	27.5	11	38.5	-1.5	450	453	490
2C. Other Source Materials	121	3	75	76.5	28	104.5	-16.5	8,100	8,060	8,723

FY 1997 PROPOSED RULE -- ANNUAL FEES

06-Feb-97

NUMBER OF LICENSES

FY 1997										
License Fee Category	FY 96	Transfer to Mass.	Billed	Total	Billed	Total	Compared to FY96	FY1996	FY1996	FY1997
			at FY96 Fee	at FY96 Fee*	at FY97 Fee			Annual Fee (Round)	Annual Fee (Exact)	Annual Fee (Exact)

BYPRODUCT MATERIAL:										

3A. Manufacturing - Broad	15	4	8	10	3	13	-2.0	15,400	15,352	16,614
3B. Manufacturing - Other	90	20	45	55	22	77	-13.0	5,200	5,151	5,574
3C. Radiopharmaceuticals - Manuf./Process	70	3	35	36.5	11	47.5	-22.5	10,400	10,360	11,212
3D. Radiopharmaceuticals - No Manuf./Process	15	1	3	3.5	4	7.5	-7.5	4,100	4,100	4,437
3E. Irradiators - Self-Shield	159	22	108	119	36	155	-4.0	2,900	2,930	3,171
3F. Irradiators - < 10,000 Ci	9	2	6	7	1	8	-1.0	3,500	3,540	3,831
3G. Irradiators - > 10,000 Ci	16	1	12	12.5	3	15.5	-0.5	18,100	18,149	19,641
3H. Exempt Distribution - Device Review	32		24	24	9	33	1.0	4,600	4,643	5,025
3I. Exempt Distribution - No Device Review	81		69	69	14	83	2.0	8,200	8,200	8,874
3J. Gen. License - Device Review	34	6	19	22	7	29	-5.0	3,500	3,486	3,773
3K. Gen. License - No Device Review	7	2	4	5	2	7	0.0	3,000	2,997	3,243
3L. R&D - Broad	91	5	57	59.5	25	84.5	-6.5	11,400	11,350	12,283
3M. R&D - Other	269	92	171	217	68	285	16.0	5,100	5,060	5,476
3N. Service License	81	10	50	55	18	73	-8.0	5,600	5,601	6,061
3O. Radiography	155	2	109	110	47	157	2.0	13,000	12,960	14,025
3P. All Other Byproduct Materials	2406	94	1727	1774	575	2349	-57.0	1,600	1,584	1,714

WASTE DISPOSAL AND PROCESSING:										

4A. Waste Disposal*	2		2	2	0	2	0.0	94,300	94,313	102,066
4B. Waste Receipt/Packaging	13	1	9	9.5	3	12.5	-0.5	13,300	13,341	14,438
4C. Waste Receipt - Prepackaged	4		3	3	1	4	0.0	7,100	7,101	7,685

WELL LOGGING:										

NUMBER OF LICENSES

FY 1997										
License Fee Category	FY 96	Transfer to Mass.	Billed at FY96 Fee	Total at FY96 Fee*	Billed at FY97 Fee	Total	Compared to FY96	FY1996 Annual Fee (Round)	FY1996 Annual Fee (Exact)	FY1997 Annual Fee (Exact)
5A. Well Logging	57		44	44	11	55	-2.0	7,500	7,539	8,159
5B. Field Flooding Tracers Studies*	0			0	0	0	0.0	12,200	12,188	13,190
NUCLEAR LAUNDRY:										
6A. Nuclear Laundry	6	2	3	4	1	5	-1.0	13,600	13,559	14,674
HUMAN USE OF BYPRODUCT, SOURCE, OR SNM:										
7A. Teletherapy	87	5	44	46.5	29	75.5	-11.5	9,500	9,499	10,280
7B. Medical - Broad	103	10	65	70	27	97	-6.0	21,700	21,672	23,454
7C. Medical Other	1775	80	1286	1326	423	1749	-26.0	4,300	4,319	4,674
CIVIL DEFENSE:										
8A. Civil Defense	18	1	12	12.5	2	14.5	-3.5	1,600	1,644	1,779
SEALED SOURCE AND DEVICE SAFETY EVALUATION										
9A. Device/Product Safety Evaluation - Broad	181	24	84	96	27	123	-58.0	6,700	6,658	7,205
9B. Device/Product Safety Evaluation - Other	39		15	15	8	23	-16.0	3,400	3,419	3,700
9C. Sealed Sources Safety Evaluation - Broad	95	32	22	38	13	51	-44.0	1,400	1,439	1,557
9D. Sealed Sources Safety Evaluation - Other	22		20	20	1	21	-1.0	720	720	779
TRANSPORTATION										

FY 1997 PROPOSED RULE -- ANNUAL FEES

06-Feb-97

NUMBER OF LICENSES

FY 1997										
License Fee Category	FY 96	Transfer to Mass.	Billed at FY96	Total at FY96	Billed at FY97	Total	Compared to FY96	FY1996 Annual	FY1996 Annual	FY1997 Annual
			Fee	Fee*	Fee			Fee (Round)	Fee (Exact)	Fee (Exact)
10.A.(1) Certificate of Compliance	N/A			0	N/A	0	0.	N/A	N/A	0
10.B.(1) Approvals (Users and Fabricators)	48		27	27	14	41	-7.0	72,700	72,715	78,692
10.B.(2) Approvals (Users Only)	353		226	226	60	286	-67.0	950	945	1,023
OTHER LICENSES										
11. Standardized Spent Fuel Facilities	N/A			0	N/A	N/A		N/A	N/A	0
12. Special Projects	N/A			0	N/A	N/A		N/A	N/A	0
13.A. Spent Fuel Storage Certificate of Comp	N/A			0	N/A	N/A		N/A	N/A	0
13.B. Spent Fuel General License	1		2	2	1	3	2.0	260,900	260,921	282,370
14. Decommissioning/Possession-Only	N/A			0	N/A	N/A		N/A	0	0
15. Export/Import	N/A			0	N/A	N/A		N/A	0	0
16. Reciprocity	N/A			0	N/A	N/A		N/A	0	0
17. Master Maaterial License	2			0	2	2	0.0	388,400	388,361	420,286
18.A. DOE Transportation Activities	1			0	1	1	0.0	1,077,000	1,077,409	1,165,976
18.B. DOE UMRCA Activities	1			0	1	1	0.0	1,812,000	1,811,913	1,960,859
TOTAL	6742.9	424.0	4479.0	4691.0	1686.2	6377.2	-365.7			

* The annual fee for licenses expected to be transferred to Massachusetts is estimated at 50 percent of the FY96 annual fee.

NUMBER OF
LICENSED OPERATING POWER REACTORS

Westinghouse	50
General Electric	37
Combustion Engineering	15
Babcock & Wilcox	<u>7</u>
TOTAL REACTORS	109 ¹

LESS:²

Big Rock Point	<u>-1</u> GE BWR Dry Ambient Containment
TOTAL POWER REACTORS FOR FEE BASE	108

¹ Includes Watts Bar 1 which was licensed in FY 1996. Does not include Haddam Neck which permanently ceased operation in December 1996. Haddam Neck will pay an annual fee equivalent to .2% of the full power reactor annual fee for FY 1997.

² This licensed reactor has not been included in the fee base since historically it has been granted either full or partial exemptions from the annual fees.

§171.15 Annual Fees: Reactor operating licenses.

(e) The FY 1997 annual fees for licensees authorized to operate a nonpower (test and research) reactor licensed under Part 50 of this chapter, except for those reactors exempted from fees under §171.11(a), are as follows:

Research reactor	\$57,200
Test reactor	\$57,200

Determination of FY 1997
Annual Fees

<u>Fee Classes/Subclasses</u>	<u>FY 1996 Annual Fees (Exact)</u>	<u>Percent Increase (8.2%)</u>	<u>FY 1997 Annual Fees (Rounded)</u>
<u>Reactors</u>			
Non-power	\$52.839	8.2%	\$57.200

NUMBER OF LICENSES

FY 1997										
License Fee Category	FY 96	Transfer to Mass.	Billed	Total	Billed	Total	Compared to FY96	FY1996	FY1996	FY1997
			at FY96 Fee	at FY96 Fee*	at FY97 Fee			Annual Fee (Round)	Annual Fee (Exact)	Annual Fee (Exact)

REACTORS										

Power	108.9			0	108.2	108.2	-0.7	2,746,000	2,745,825	2,971,542
Small Older Reactors	1			0	1	1	0.0	192,900	192,927	208,786
Non-power	5			0	5	5	0.0	52,800	52,839	57,183

FUEL FACILITIES AND SNM										

1.A.(1)(a) HEU	2			0	2	2	0.0	2,403,000	2,402,649	2,600,155
1.A.(1)(b) LEU	4			0	4	4	0.0	1,179,000	1,179,470	1,276,427
1.A.(2)(a) Limited Fuel Fab	1			0	1	1	0.0	469,200	469,181	507,749
1.A.(2)(b) All Other Fuel Fab	1			0	1	1	0.0	318,600	318,593	344,783
1.B. Independent Spent Fuel Storage	7			0	7	7	0.0	260,900	260,921	282,370
1C. Industrial Gauges	20		12	12	7	19	-1.0	1,200	1,194	1,292
1D. All Other SNM	77	1	54	54.5	24	78.5	1.5	2,800	2,817	3,049
1.E. Uranium Enrichment	0			0	1	1	1.0	2,403,000	2,402,649	2,600,155

URANIUM RECOVERY AND SOURCE MATERIAL:										

2.A.(1) UF6 Conversion	1			0	1	1	0.0	597,800	597,796	646,937
2.A.(2)(a) Class I (Conventional Mills)	3			0	3	3	0.0	57,000	56,961	61,643
2.A.(2)(b) Class II (In-situ Mills)	6			0	6	6	0.0	32,200	32,179	34,824
2.A.(2)(c) Other (Rare Earth Mills)	3			0	3	3	0.0	20,600	20,574	22,265
2.A.(3) Disposal of 11e(2) Materials	1			0	1	1	0.0	41,800	41,796	45,232
2.A.(4) 11e(2) Disposal Incidental to Oper.	3			0	2	2	-1.0	7,400	7,397	8,005
2B. Shielding	40	1	27	27.5	11	38.5	-1.5	450	453	490
2C. Other Source Materials	121	3	75	76.5	28	104.5	-16.5	8,100	8,060	8,723

NUMBER OF LICENSES

FY 1997

License Fee Category	FY 96	Transfer to Mass.	Billed	Total	Billed	Total	Compared	FY1996	FY1996	FY1997
			at FY96	at FY96	at FY97		to	Annual	Annual	Annual
			Fee	Fee*	Fee		FY96	Fee (Round)	Fee (Exact)	Fee (Exact)
BYPRODUCT MATERIAL:										
3A. Manufacturing - Broad	15	4	8	10	3	13	-2.0	15,400	15,352	16,614
3B. Manufacturing - Other	90	20	45	55	22	77	-13.0	5,200	5,151	5,574
3C. Radiopharmaceuticals - Manuf./Process	70	3	35	36.5	11	47.5	-22.5	10,400	10,360	11,212
3D. Radiopharmaceuticals - No Manuf./Process	15	1	3	3.5	4	7.5	-7.5	4,100	4,100	4,437
3F. Irradiators - Self-Shield	159	22	108	119	36	155	-4.0	2,900	2,930	3,171
3F. Irradiators - < 10,000 Ci	9	2	6	7	1	8	-1.0	3,500	3,540	3,831
3G. Irradiators - > 10,000 Ci	16	1	12	12.5	3	15.5	-0.5	18,100	18,149	19,641
3H. Exempt Distribution - Device Review	32		24	24	9	33	1.0	4,600	4,643	5,025
3I. Exempt Distribution - No Device Review	81		69	69	14	83	2.0	8,200	8,200	8,874
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3K. Gen. License - No Device Review	7	2	4	5	2	7	0.0	3,000	2,997	3,243
3L. R&D - Broad	91	5	57	59.5	25	84.5	-6.5	11,400	11,350	12,283
3M. R&D - Other	269	92	171	217	68	285	16.0	5,100	5,060	5,476
3N. Service License	81	10	50	55	18	73	-8.0	5,600	5,601	6,061
3O. Radiography	155	2	109	110	47	157	2.0	13,000	12,960	14,025
3P. All Other Byproduct Materials	2406	94	1727	1774	575	2349	-57.0	1,600	1,584	1,714
WASTE DISPOSAL AND PROCESSING:										
4A. Waste Disposal*	2		2	2	0	2	0.0	94,300	94,313	102,066
4B. Waste Receipt/Packaging	13	1	9	9.5	3	12.5	-0.5	13,300	13,341	14,438
4C. Waste Receipt - Prepackaged	4		3	3	1	4	0.0	7,100	7,101	7,685
WELL LOGGING:										

NUMBER OF LICENSES

License Fee Category	FY 1997							FY1996 Annual Fee (Round)	FY1996 Annual Fee (Exact)	FY1997 Annual Fee (Exact)
	FY 96	Transfer to Mass.	Billed at FY96 Fee	Total at FY96 Fee*	Billed at FY97 Fee	Total	Compared to FY96			
5A. Well Logging	57		44	44	11	55	-2.0	7,500	7,539	8,159
5B. Field Flooding Tracers Studies*	0			0	0	0	0.0	12,200	12,188	13,190
NUCLEAR LAUNDRY:										
6A. Nuclear Laundry	6	2	3	4	1	5	-1.0	13,600	13,559	14,674
HUMAN USE OF BYPRODUCT, SOURCE, OR SNM:										
7A. Teletherapy	87	5	44	46.5	29	75.5	-11.5	9,500	9,499	10,280
7B. Medical - Broad	103	10	65	70	27	97	-6.0	21,700	21,672	23,454
7C. Medical Other	1775	80	1286	1326	423	1749	-26.0	4,300	4,319	4,674
CIVIL DEFENSE:										
8A. Civil Defense	18	1	12	12.5	2	14.5	-3.5	1,600	1,644	1,779
SEALED SOURCE AND DEVICE SAFETY EVALUATION										
9A. Device/Product Safety Evaluation - Broad	181	24	84	96	27	113	-58.0	6,700	6,658	7,205
9B. Device/Product Safety Evaluation - Other	39		15	15	8	23	-16.0	3,400	3,419	3,700
9C. Sealed Sources Safety Evaluation - Broad	95	32	22	38	13	51	-44.0	1,400	1,439	1,557
9D. Sealed Sources Safety Evaluation - Other	22		20	20	1	21	-1.0	720	720	779
TRANSPORTATION										

FY 1997 PROPOSED RULE -- ANNUAL FEES

06-Feb-97

NUMBER OF LICENSES

License Fee Category	FY 96	FY 1997					Compared to FY96	FY1996 Annual Fee (Round)	FY1996 Annual Fee (Exact)	FY1997 Annual Fee (Exact)
		Transfer to Mass.	Billed at FY96 Fee	Total at FY96 Fee*	Billed at FY97 Fee	Total				
10.A.(1) Certificate of Compliance	N/A			0	N/A	0	0.0	N/A	N/A	0
10.B.(1) Approvals (Users and Fabricators)	48		27	27	14	41	-7.0	72,7	72,715	78,692
10.B.(2) Approvals (Users Only)	353		226	226	60	286	-67.0	950	945	1,023
OTHER LICENSES										
11. Standardized Spent Fuel Facilities	N/A			0	N/A	N/A		N/A	N/A	0
12. Special Projects	N/A			0	N/A	N/A		N/A	N/A	0
13.A. Spent Fuel Storage Certificate of Comp	N/A			0	N/A	N/A		N/A	N/A	0
13.B. Spent Fuel General License	1		2	2	1	3	2.0	260,900	260,921	282,370
14. Decommissioning/Possession-Only	N/A			0	N/A	N/A		N/A	0	0
15. Export/Import	N/A			0	N/A	N/A		N/A	0	0
16. Reciprocity	N/A			0	N/A	N/A		N/A	0	0
17. Master Material License	2			0	2	2	0.0	388,400	388,361	420,286
18.A. DOE Transportation Activities	1			0	1	1	0.0	1,077,000	1,077,409	1,165,976
18.B. DOE UMICRA Activities	1			0	1	1	0.0	1,812,000	1,811,913	1,960,859
TOTAL	6742.9	424.0	4479.0	4691.0	1686.2	6377.2	-365.7			

* The annual fee for licenses expected to be transferred to Massachusetts is estimated at 50 percent of the FY96 annual fee.

FY 1997

Nonpower Reactors Subject to Annual Fees

1.	Dow Chemical - TRIGA MARK I	R-108	50-264
2.	AEROTEST	R-98	50-228
3.	GA, TRIGA MARK I	R-38	50-89
4.	GE, NTR	R-33	50-73
5.	NIST	TR-5	50-184

Category of materials licenses

1. Special nuclear material:

A. (1) Licenses for possession and use
of U-235 or plutonium for fuel
fabrication activities.

(a) Strategic Special Nuclear Material:

Babcock & Wilcox	SNM-42	\$2,600,000
Nuclear Fuel Services	SNM-124	\$2,600,000

(b) Low Enriched Uranium in Dispersable Form Used for
Fabrication of Power Reactor Fuel:

Combustion Engineering

(Hematite)	SNM-33	\$1,276,000
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General Electric

Company	SNM-1097	\$1,276,000
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Siemens Nuclear Power	SNM-1227	\$1,276,000
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Westinghouse Electric	SNM-1107	\$1,276,000
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Company

(2) All other special nuclear materials licenses not
included in Category 1.A. (1) which are licensed for
fuel cycle activities.

(a) Facilities with limited operations:

B&W Fuel Company	SNM-1168	\$508,000
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(b) All Others:

General Electric	SNM-960	\$345,000
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E. Licenses or certificates for the
operation of a uranium enrichment
facility. \$2,600,000

2. Source material:

A. (1) Licenses for possession and use of
source material for refining uranium
mill concentrates to uranium
hexafluoride. \$647,000

Determination of FY 1997
Annual Fees

<u>Fee Classes/Subclasses</u>	<u>FY 1996 Annual Fees (Exact)</u>	<u>Percent Increase (8.2%)</u>	<u>FY 1997 Annual Fees (Rounded)</u>
<u>Fuel Facilities</u>			
1.A.(1)(a) HEU	\$2,402,649	8.2%	\$2,600,000
1.A.(1)(b) LEU	1,179,470	8.2%	1,276,000
1.A.(2)(a) Limited	469,181	8.2%	508,000
1.A.(2)(b) All other	318,593	8.2%	345,000
1.E. Uranium enrichment facility	2,402,649 ¹	8.2%	2,600,000
2.A.(1) UF ₆ conversion	597,796	8.2%	\$647,000

¹ A new fee is proposed in FY 1997 for the two Certificates of Compliance issued to USEC on November 26, 1996 to operate the two uranium enrichment facilities at Paducah, Kentucky and Piketon, Ohio. To determine the annual fee, the NRC applied the methodology explained in the FY 1995 final fee rule (60 FR 32234; June 20, 1995) and concluded that the relative weighted safety and safeguards factors for these facilities is similar to a high enriched uranium facility. Therefore, the proposed annual fee has been established at \$2,600,000 for FY 1997 the same as that for a high enrichment facility (fee Category 1.A.(1)(a)).

NUMBER OF LICENSES

FY 1997										
License Fee Category	FY 96	Transfer to Mass.	Billed	Total	Billed	Total	Compared to FY96	FY1996	FY1996	FY1997
			at FY96	Fee	at FY96			Fee	Annual Fee (Round)	Annual Fee (Exact)
REACTORS										
Power	108.9			0	108.2	108.2	-0.7	2,746,000	2,745,825	2,971,542
Small Older Reactors	1			0	1	1	0.0	192,900	192,927	208,786
Non-power	5			0	5	5	0.0	52,800	52,839	57,183
FUEL FACILITIES AND SNM										
1.A. (1) (a) HEU	2			0	2	2	0.0	2,403,000	2,402,649	2,600,155
1.A. (1) (b) LEU	4			0	4	4	0.0	1,179,000	1,179,470	1,276,427
1.A. (2) (a) Limited Fuel Fab	1			0	1	1	0.0	469,200	469,181	507,749
1.A. (2) (b) All Other Fuel Fab	1			0	1	1	0.0	318,600	318,593	344,783
1.B. Independent Spent Fuel Storage	7			0	7	7	0.0	260,900	260,921	282,370
1C. Industrial Gauges	20		12	12	7	19	-1.0	1,200	1,194	1,292
1D. All Other SNM	77	1	54	54.5	24	72.5	1.5	2,800	2,817	3,049
1.E. Uranium Enrichment	0			0	1	1	1.0	2,403,000	2,402,649	2,600,155
URANIUM RECOVERY AND SOURCE MATERIAL:										
2.A. (1) UF6 Conversion	1			0	1	1	0.0	597,800	597,796	646,937
2.A. (2) (a) Class I (Conventional Mills)	3			0	3	3	0.0	57,000	56,961	61,643
2.A. (2) (b) Class II (In-situ Mills)	6			0	6	6	0.0	32,200	32,179	34,824
2.A. (2) (c) Other (Rare Earth Mills)	3			0	3	3	0.0	20,600	20,574	22,265
2.A. (3) Disposal of 11e(2) Materials	1			0	1	1	0.0	41,800	41,796	45,232
2.A. (4) 11e(2) Disposal Incidental to Oper.	3			0	2	2	-1.0	7,400	7,397	8,005
2B. Shielding	40	1	27	27.5	11	38.5	-1.5	450	453	490
2C. Other Source Materials	121	3	75	76.5	28	104.5	-16.5	8,100	8,060	8,723

FY 1997 PROPOSED RULE -- ANNUAL FEES

06-Feb-97

NUMBER OF LICENSES

License Fee Category	FY 1997							FY1996 Annual Fee (Round)	FY1996 Annual Fee (Exact)	FY1997 Annual Fee (Exact)
	FY 96	Transfer to Mass.	Billed at FY96 Fee	Total at FY96 Fee*	Billed at FY97 Fee	Total	Compared to FY96			
BYPRODUCT MATERIAL:										
3A. Manufacturing - Broad	15	4	8	10	3	13	-2.0	15,400	15,352	16,614
3B. Manufacturing - Other	90	20	45	55	22	77	-13.0	5,200	5,151	5,574
3C. Radiopharmaceuticals - Manuf./Process	70	3	35	36.5	11	47.5	-22.5	10,400	10,360	11,212
3D. Radiopharmaceuticals - No Manuf./Process	15	1	3	3.5	4	7.5	-7.5	4,100	4,100	4,437
3E. Irradiators - Self-Shield	159	22	108	119	36	155	-4.0	2,900	2,930	3,171
3F. Irradiators - < 10,000 Ci	9	2	6	7	1	8	-1.0	3,500	3,540	3,831
3G. Irradiators - > 10,000 Ci	16	1	12	12.5	3	15.5	-0.5	18,100	18,149	19,641
3H. Exempt Distribution - Device Review	32		24	24	9	33	1.0	4,600	4,643	5,025
3I. Exempt Distribution - No Device Review	81		69	69	14	83	2.0	8,200	8,200	8,874
3J. Gen. License - Device Review	34	6	19	22	7	29	-5.0	3,500	3,486	3,773
3K. Gen. License - No Device Review	7	2	4	5	2	7	0.0	3,000	2,997	3,243
3L. R&D - Broad	91	5	57	59.5	25	84.5	-6.5	11,400	11,350	12,283
3M. R&D - Other	269	92	171	217	68	285	16.0	5,100	5,060	5,476
3N. Service License	81	10	50	55	18	73	-8.0	5,600	5,601	6,061
3O. Radiography	155	2	109	110	47	157	2.0	13,000	12,960	14,025
3P. All Other Byproduct Materials	2406	94	1727	1774	575	2349	-57.0	1,600	1,584	1,714
WASTE DISPOSAL AND PROCESSING:										
4A. Waste Disposal*	2		2	2	0	2	0.0	94,300	94,313	102,066
4B. Waste Receipt/Packaging	13	1	9	9.5	3	12.5	-0.5	13,300	13,341	14,438
4C. Waste Receipt - Prepackaged	4		3	3	1	4	0.0	7,100	7,101	7,685
WELL LOGGING:										

FY 1997 PROPOSED RULE -- ANNUAL FEES

06-Feb-97

NUMBER OF LICENSES

License Fee Category	FY 1997							FY1996 Annual Fee (Round)	FY1996 Annual Fee (Exact)	FY1997 Annual Fee (Exact)
	FY 96	Transfer to Mass.	Billed at FY96 Fee	Total at FY96 Fee*	Billed at FY97 Fee	Total	Compared to FY96			
5A. Well Logging	57		44	44	11	55	-2.0	7,500	7,539	8,159
5B. Field Flooding Tracers Studies*	0			0	0	0	0.0	12,200	12,188	13,190
NUCLEAR LAUNDRY:										
6A. Nuclear Laundry	6	2	3	4	1	5	-1.0	13,600	13,559	14,674
HUMAN USE OF BYPRODUCT, SOURCE, OR SNM:										
7A. Teletherapy	87	5	44	46.5	29	75.5	-11.5	9,500	9,499	10,280
7B. Medical - Broad	103	10	65	70	27	97	-6.0	21,700	21,672	23,454
7C. Medical Other	1775	80	1286	1326	423	1749	-26.0	4,300	4,319	4,674
CIVIL DEFENSE:										
8A. Civil Defense	18	1	12	12.5	2	14.5	-3.5	1,600	1,644	1,779
SEALED SOURCE AND DEVICE SAFETY EVALUATION										
9A. Device/Product Safety Evaluation - Broad	181	24	84	96	27	123	-58.0	6,700	6,658	7,205
9B. Device/Product Safety Evaluation - Other	39		15	15	8	23	-16.0	3,400	3,419	3,700
9C. Sealed Sources Safety Evaluation - Broad	95	32	22	38	13	51	-44.0	1,400	1,439	1,557
9D. Sealed Sources Safety Evaluation - Other	22		20	20	1	21	-1.0	720	720	779
TRANSPORTATION										

FY 1997 PROPOSED RULE -- ANNUAL FEES

06-Feb-97

NUMBER OF LICENSES

License Fee Category	FY 96	FY 1997					Compared to FY96	FY1996 Annual Fee (Round)	FY1996 Annual Fee (Exact)	FY1997 Annual Fee (Exact)
		Transfer to Mass.	Billed at FY96 Fee	Total at FY96 Fee*	Billed at FY97 Fee	Total				
10.A.(1) Certificate of Compliance	N/A			0	N/A	0	0.0	N/A	N/A	0
10.B.(1) Approvals (Users and Fabricators)	48		27	27	14	41	-7.0	72,700	72,715	78,692
10.B.(2) Approvals (Users Only)	353		226	226	60	286	-67.0	950	945	1,023
OTHER LICENSES										
11. Standardized Spent Fuel Facilities	N/A			0	N/A	N/A		N/A	N/A	0
12. Special Projects	N/A			0	N/A	N/A		N/A	N/A	0
13.A. Spent Fuel Storage Certificate of Comp	N/A			0	N/A	N/A		N/A	N/A	0
13.B. Spent Fuel General License	1		2	2	1	3	2.0	260,900	260,921	282,370
14. Decommissioning/Possession-Only	N/A			0	N/A	N/A		N/A	0	0
15. Export/Import	N/A			0	N/A	N/A		N/A	0	0
16. Reciprocity	N/A			0	N/A	N/A		N/A	0	0
17. Master Maaterial License	2			0	2	2	0.0	388,400	388,361	420,286
18.A. DOE Transportation Activities	1			0	1	1	0.0	1,077,000	1,077,409	1,165,976
18.B. DOE UMTRCA Activities	1			0	1	1	0.0	1,812,000	1,811,913	1,960,859
TOTAL	6742.9	421.0	4479.0	4691.0	1686.2	6377.2	-365.7			

* The annual fee for licenses expected to be transferred to Massachusetts is estimated at 50 percent of the FY96 annual fee.

FY 1997
FUEL FACILITY LICENSES

<u>FEE CATEGORY</u>	<u>FACILITY</u>	<u>DOCKET #</u>	<u>LICENSE #</u>
<u>1.A.(1). a)</u>	<u>Strategic Special Nuclear Material</u>		
	1. B&W - Naval Fuels	70-27	SNM-42
	2. NFS, Inc.	70-143	SNM-124
<u>1.A.(1). b)</u>	<u>Low Enriched Uranium For Power Reactor Fuel Fabrication</u>		
	1. CE - Hematite	70-36	SNM-33
	2. GE - Wilmington	70-1113	SNM-1097
	3. Siemens Nuclear Power Corporation	70-1257	SNM-1227
	4. Westinghouse Electric - Columbia	70-1151	SNM-1107
<u>1.A.(2). a)</u>	<u>Facilities with Limited Operations</u>		
	1. B&W Fuel Co.	70-1201	SNM-1168
<u>1.A.(2). b)</u>	<u>Other</u>		
	1. GE - Vallecitos	70-754	SNM-960
2.A.(1). UF ₆ Conversion	1. Allied Signal, Inc.	40-3392	SUB-526

Category of materials licenses

Annual Fees^{1, 2, 3}

1. Special nuclear material:

B. Licenses for receipt and storage of
spent fuel at an independent spent
fuel storage installation (ISFSI). \$282,000

13. B. General licenses for storage of \$282,000
spent fuel under 10 CFR 72.210.

Determination of FY 1997
Annual Fees

<u>Fee Classes/Subclasses</u>	<u>FY 1996 Annual Fees (Exact)</u>	<u>Percent Increase (8.2%)</u>	<u>FY 1997 Annual Fees (Rounded)</u>
1.B. Independent Spent Fuel Storage	\$260,921	8.2%	\$282,000
13.B. General Licenses for Storage of Spent Fuel	\$260,921	8.2%	\$282,000

NUMBER OF LICENSES

FY 1997										
License Fee Category	FY 96	Transfer to Mass.	Billed	Total	Billed	Total	Compared to FY96	FY1996	FY1996	FY1997
			at FY96 Fee	at FY96 Fee*	at FY97 Fee			Annual Fee (Round)	Annual Fee (Exact)	Annual Fee (Exact)

REACTORS										

Power	108.9			0	108.2	108.2	-0.7	2,746,000	2,745,825	2,971,542
Small Older Reactors	1			0	1	1	0.0	192,900	192,927	208,786
Non-power	5			0	5	5	0.0	52,800	52,839	57,183

FUEL FACILITIES AND SNM										

1.A.(1)(a) HEU	2			0	2	2	0.0	2,403,000	2,402,649	2,600,155
1.A.(1)(b) LEU	4			0	4	4	0.0	1,179,000	1,179,470	1,276,427
1.A.(2)(a) Limited Fuel Fab	1			0	1	1	0.0	469,200	469,181	507,749
1.A.(2)(b) All Other Fuel Fab	1			0	1	1	0.0	318,600	318,593	344,783
1.B. Independent Spent Fuel Storage	7			0	7	7	0.0	260,900	260,921	282,370
1C. Industrial Gauges	20		12	12	7	19	-1.0	1,200	1,194	1,292
1D. All Other SNM	77	1	54	54.5	24	78.5	1.5	2,800	2,817	3,049
1.E. Uranium Enrichment	0			0	1	1	1.0	2,403,000	2,402,649	2,600,155

URANIUM RECOVERY AND SOURCE MATERIAL:										

2.A.(1) UF6 Conversion	1			0	1	1	0.0	597,800	597,796	646,937
2.A.(2)(a) Class I (Conventional Mills)	3			0	3	3	0.0	57,000	56,961	61,643
2.A.(2)(b) Class II (In-situ Mills)	6			0	6	6	0.0	32,200	32,179	34,824
2.A.(2)(c) Other (Rare Earth Mills)	3			0	3	3	0.0	20,600	20,574	22,265
2.A.(3) Disposal of 11e(2) Materials	1			0	1	1	0.0	41,800	41,796	45,232
2.A.(4) 11e(2) Disposal incidental to Oper.	3			0	2	2	-1.0	7,400	7,397	8,005
2B. Shielding	40	1	27	27.5	11	38.5	-1.5	450	453	490
2C. Other Source Materials	121	3	75	76.5	28	104.5	-16.5	8,100	8,060	8,723

FY 1997 PROPOSED RULE -- ANNUAL FEES

06-Feb-97

NUMBER OF LICENSES

FY 1997										
License Fee Category	FY 96	Transfer to Mass.	Billed	Total	Billed	Total	Compared to FY96	FY1996	FY1996	FY1997
			at FY96 Fee	at FY96 Fee*	at FY97 Fee			Annual Fee (Round)	Annual Fee (Exact)	Annual Fee (Exact)

BYPRODUCT MATERIAL:										

3A. Manufacturing - Broad	15	4	8	10	3	13	-2.0	15,400	15,352	16,614
3B. Manufacturing - Other	90	20	45	55	22	77	-13.0	5,200	5,151	5,574
3C. Radiopharmaceuticals - Manuf./Process	70	3	35	36.5	11	47.5	-22.5	10,400	10,360	11,212
3D. Radiopharmaceuticals - No Manuf./Process	15	1	3	3.5	4	7.5	-7.5	4,100	4,100	4,437
3E. Irradiators - Self-Shield	159	22	108	119	36	155	-4.0	2,900	2,930	3,171
3F. Irradiators - < 10,000 Ci	9	2	6	7	1	8	-1.0	3,500	3,540	3,831
3G. Irradiators - > 10,000 Ci	16	1	12	12.5	3	15.5	-0.5	18,100	18,149	19,641
3H. Exempt Distribution - Device Review	32		24	24	9	33	1.0	4,600	4,643	5,025
3I. Exempt Distribution - No Device Review	81		69	69	14	83	2.0	8,200	8,200	8,874
3J. Gen. License - Device Review	34	6	19	22	7	29	-5.0	3,500	3,486	3,773
3K. Gen. License - No Device Review	7	2	4	5	2	7	0.0	3,000	2,997	3,243
3L. R&D - Broad	91	5	57	59.5	25	84.5	-6.5	11,400	11,350	12,283
3M. R&D - Other	269	92	171	217	68	285	16.0	5,100	5,060	5,476
3N. Service License	81	10	50	55	18	73	-8.0	5,600	5,601	6,061
3O. Radiography	155	2	109	110	47	157	2.0	13,000	12,960	14,025
3P. All Other Byproduct Materials	2406	94	1727	1774	575	2349	-57.0	1,600	1,584	1,714

WASTE DISPOSAL AND PROCESSING:										

4A. Waste Disposal*	2		2	2	0	2	0.0	94,300	94,313	102,066
4B. Waste Receipt/Packaging	13	1	9	9.5	3	12.5	-0.5	13,300	13,341	14,438
4C. Waste Receipt - Prepackaged	4		3	3	1	4	0.0	7,100	7,101	7,685

WELL LOGGING:										

NUMBER OF LICENSES

License Fee Category	FY 1997							FY1996 Annual Fee (Round)	FY1996 Annual Fee (Exact)	FY1997 Annual Fee (Exact)
	FY 96	Transfer to Mass.	Billed at FY96 Fee	Total at FY96 Fee*	Billed at FY97 Fee	Total	Compared to FY96			
5A. Well Logging	57		44	44	11	55	-2.0	7,500	7,539	8,159
5B. Field Flooding Tracers Studies*	0			0	0	0	0.0	12,200	12,188	13,190
NUCLEAR LAUNDRY:										
6A. Nuclear Laundry	6	2	3	4	1	5	-1.0	13,600	13,559	14,674
HUMAN USE OF BYPRODUCT, SOURCE, OR SNM:										
7A. Teletherapy	87	5	44	46.5	29	75.5	-11.5	9,500	9,499	10,280
7B. Medical - Broad	103	10	65	70	27	97	-6.0	21,700	21,672	23,454
7C. Medical Other	1775	80	1286	1326	423	1749	-26.0	4,300	4,319	4,674
CIVIL DEFENSE:										
8A. Civil Defense	18	1	12	12.5	2	14.5	-3.5	1,600	1,644	1,779
SEALED SOURCE AND DEVICE SAFETY EVALUATION										
9A. Device/Product Safety Evaluation - Broad	181	24	84	96	27	123	-58.0	6,700	6,658	7,205
9B. Device/Product Safety Evaluation - Other	39		15	15	8	23	-16.0	3,400	3,419	3,700
9C. Sealed Sources Safety Evaluation - Broad	95	32	22	38	13	51	-44.0	1,400	1,439	1,557
9D. Sealed Sources Safety Evaluation - Other	22		20	20	1	21	-1.0	720	720	779
TRANSPORTATION										

NUMBER OF LICENSES

License Fee Category	FY 96	FY 1997					Compared to FY96	FY1996		
		Transfer to Mass.	Billed at FY96 Fee	Total at FY96 Fee*	Billed at FY97 Fee	Total		Annual Fee (Round)	Annual Fee (Exact)	FY1997 Annual Fee (Exact)
10.A.(1) Certificate of Compliance	N/A			0	N/A	0	0.0	N/A	N/A	0
10.B.(1) Approvals (Users and Fabricators)	48		27	27	14	41	-7.0	72,700	72,715	78,692
10.B.(2) Approvals (Users Only)	353		226	226	60	286	-67.0	950	945	1,023
OTHER LICENSES										
11. Standardized Spent Fuel Facilities	N/A			0	N/A	N/A		N/A	N/A	0
12. Special Projects	N/A			0	N/A	N/A		N/A	N/A	0
13.A. Spent Fuel Storage Certificate of Comp	N/A			0	N/A	N/A		N/A	N/A	0
13.B. Spent Fuel General License	1		2	2	1	3	2.0	260,900	260,921	282,370
14. Decommissioning/Possession-Only	N/A			0	N/A	N/A		N/A	0	0
15. Export/Import	N/A			0	N/A	N/A		N/A	0	0
16. Reciprocity	N/A			0	N/A	N/A		N/A	0	0
17. Master Maaterial License	2			0	2	2	0.0	388,400	388,361	420,286
18.A. DOE Transportation Activities	1			0	1	1	0.0	1,077,000	1,077,409	1,165,976
18.B. DOE UMTRCA Activities	1			0	1	1	0.0	1,812,000	1,811,913	1,960,859
TOTAL	6742.9	424.0	4479.0	4691.0	1686.2	6377.2	-365.7			

* The annual fee for licenses expected to be transferred to Massachusetts is estimated at 50 percent of the FY96 annual fee.

FY 1997

Spent Fuel Storage Licenses

	<u>Category 1B</u>	<u>Docket No.</u>	<u>License No.</u>
1.	Carolina Power and Light (H.B. Robinson)	72-3	SNM-2502
2.	Duke Power Co. (Oconee)	72-4	SNM-2503
3.	General Electric Co. (Morris)	72-1	SNM-2500
4.	Public Service Co. of Colorado (Ft. St. Vrain)	72-9	SNM-2504
5.	Virginia Electric & Power (Surry)	72-2	SNM-2501
6.	Baltimore Gas & Electric Co. (Calvert Cliffs)	72-8	SNM-2505
7.	Northern States Power (Prairie Island)	72-10	SNM-2506
	<u>Category 13B (General License \$72.210</u>		
1.	Consumers Power (Palisades)	72-7	SFGL-01
2.	Wisconsin Electric (Point Beach)	72-5	SFGL-03
3.	Toledo Edison (Davis Besse)	72-14	SFGL-04

2. Source material:

A. (2) Licenses for possession and use of source material in recovery operations such as milling, in-situ leaching, heap-leaching, 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, as well as licenses authorizing the possession and maintenance of a facility in a standby mode.

Class I facilities⁴ \$61,600

Class II facilities⁴ \$34,800

(3) Licenses that authorize the receipt of byproduct material, as defined in Section 11e.(2) of the Atomic Energy Act, from other persons for possession and disposal, except those licenses subject to the fees in Category 2.A.(2) or Category 2.A.(4). \$45,200

(4) Licenses that authorize the receipt of byproduct material, as defined in Section 11e.(2) of the Atomic Energy Act, from other persons for possession and disposal incidental to the disposal of the uranium waste tailings generated by the licensee's milling operations, except those licenses subject to the fees in Category 2.A.(2). \$8,000

18. Department of Energy:

B. Uranium Mill Tailing Radiation Control
Act (UMTRCA) activities \$1,961,000

Determination of FY 1997
Annual Fees

<u>Fee Classes/Subclasses</u>	<u>FY 1996 Annual Fees (Exact)</u>	<u>Percent Increase (8.2%)</u>	<u>FY 1997 Annual Fees (Rounded)</u>
<u>Uranium Recovery Facilities</u>			
2.A.(2) Class I/mills	\$56,961	8.2%	\$61,600
2.A.(2) Class II/in-situ	\$32,179	8.2%	34,800
2.A.(3) Disposal of 11e(2) material	\$41,796	8.2%	45,200
2.A.(4) Incidental disposal of 11e(2) material	\$7,397	8.2%	8,000
18.B. DOE UMTRCA activities	\$1,811,913	8.2%	\$1,961,000

NUMBER OF LICENSES

FY 1997										
License Fee Category	FY 96	Transfer to Mass.	Billed at FY96 Fee	Total at FY96 Fee*	Billed at FY97 Fee	Total	Compared to FY96	FY1996 Annual Fee (Round)	FY1996 Annual Fee (Exact)	FY1997 Annual Fee (Exact)
REACTORS										
Power	108.9			0	108.2	108.2	-0.7	2,746,000	2,745,825	2,971,542
Small Older Reactors	1			0	1	1	0.0	192,900	192,927	208,786
Non-power	5			0	5	5	0.0	52,800	52,809	57,183
FUEL FACILITIES AND SNM										
1.A.(1)(a) HEU	2			0	2	2	0.0	2,403,000	2,402,649	2,600,155
1.A.(1)(b) LEU	4			0	4	4	0.0	1,179,000	1,179,470	1,276,427
1.A.(2)(a) Limited Fuel Fab	1			0	1	1	0.0	469,200	469,181	507,749
1.A.(2)(b) All Other Fuel Fab	1			0	1	1	0.0	318,600	318,593	344,783
1.B. Independent Spent Fuel Storage	7			0	7	7	0.0	260,900	260,921	282,370
1C. Industrial Gauges	20		12	12	7	19	-1.0	1,200	1,194	1,292
1D. All Other SNM	77	1	54	54.5	24	78.5	1.5	2,800	2,817	3,049
1.E. Uranium Enrichment	0			0	1	1	1.0	2,403,000	2,402,649	2,600,155
URANIUM RECOVERY AND SOURCE MATERIAL:										
2.A.(1) UF6 Conversion	1			0	1	1	0.0	597,800	597,796	646,937
2.A.(2)(a) Class I (Conventional Mills)	3			0	3	3	0.0	57,000	56,961	61,643
2.A.(2)(b) Class II (In-situ Mills)	6			0	6	6	0.0	32,200	32,179	34,824
2.A.(2)(c) Other (Rare Earth Mills)	3			0	3	3	0.0	20,600	20,574	22,265
2.A.(3) Disposal of 11e(2) Materials	1			0	1	1	0.0	41,800	41,796	45,232
2.A.(4) 11e(2) Disposal Incidental to Oper.	3			0	2	2	-1.0	7,400	7,397	8,005
2B. Shielding	40	1	27	27.5	11	38.5	-1.5	450	453	490
2C. Other Source Materials	121	3	75	76.5	28	104.5	-16.5	8,100	8,060	8,723

FY 1997 PROPOSED RULE -- ANNUAL FEES

06-Feb-97

NUMBER OF LICENSES

FY 1997										
License Fee Category	FY 96	Transfer to Mass.	Billed	Total	Billed	Total	Compared to FY96	FY1996	FY1996	FY1997
			at FY96 Fee	at FY96 Fee*	at FY97 Fee			Annual Fee (Round)	Annual Fee (Exact)	Annual Fee (Exact)

BYPRODUCT MATERIAL:										

3A. Manufacturing - Broad	15	4	8	10	3	13	-2.0	15,400	15,352	16,614
3B. Manufacturing - Other	90	20	45	55	22	77	-13.0	5,200	5,151	5,574
3C. Radiopharmaceuticals - Manuf./Process	70	3	35	36.5	11	47.5	-22.5	10,400	10,360	11,212
3D. Radiopharmaceuticals - No Manuf./Process	15	1	3	3.5	4	7.5	-7.5	4,100	4,100	4,437
3E. Irradiators - Self-Shield	159	22	108	119	36	155	-4.0	2,900	2,930	3,171
3F. Irradiators - < 10,000 Ci	9	2	6	7	1	8	-1.0	3,500	3,540	3,831
3G. Irradiators - > 10,000 Ci	16	1	12	12.5	3	15.5	-0.5	18,100	18,149	19,641
3H. Exempt Distribution - Device Review	32		24	24	9	33	1.0	4,600	4,643	5,025
3I. Exempt Distribution - No Device Review	81		69	69	14	83	2.0	8,200	8,200	8,874
3J. Gen. License - Device Review	34	6	19	22	7	29	-5.0	3,500	3,486	3,773
3K. Gen. License - No Device Review	7	2	4	5	2	7	0.0	3,000	2,997	3,243
3L. R&D - Broad	91	5	57	59.5	25	84.5	-6.5	11,400	11,350	12,283
3M. R&D - Other	269	92	171	217	68	285	16.0	5,100	5,060	5,476
3N. Service License	81	10	50	55	18	73	-8.0	5,600	5,601	6,061
3O. Radiography	155	2	109	110	47	157	2.0	13,000	12,960	14,025
3P. All Other Byproduct Materials	2406	94	1727	1774	575	2349	-57.0	1,600	1,584	1,714

WASTE DISPOSAL AND PROCESSING:										

4A. Waste Disposal*	2		2	2	0	2	0.0	94,300	94,313	102,066
4B. Waste Receipt/Packaging	13	1	9	9.5	3	12.5	-0.5	13,300	13,341	14,438
4C. Waste Receipt - Prepackaged	4		3	3	1	4	0.0	7,100	7,101	7,685

WELL LOGGING:										

NUMBER OF LICENSES

License Fee Category	FY 1997							FY1996 Annual Fee (Round)	FY1996 Annual Fee (Exact)	FY1997 Annual Fee (Exact)
	FY 96	Transfer to Mass.	Billed at FY96 Fee	Total at FY96 Fee*	Billed at FY97 Fee	Total	Compared to FY96			
5A. Well Logging	57		44	44	11	55	-2.0	7,500	7,539	8,159
5B. Field Flooding Tracers Studies*	0			0	0	0	0.0	12,200	12,188	13,190
NUCLEAR LAUNDRY:										
6A. Nuclear Laundry	6	2	3	4	1	5	-1.0	13,600	13,559	14,674
HUMAN USE OF BYPRODUCT, SOURCE, OR SNM:										
7A. Teletherapy	87	5	44	46.5	29	75.5	-11.5	9,500	9,499	10,280
7B. Medical - Broad	103	10	65	70	27	97	-6.0	21,700	21,672	23,454
7C. Medical Other	1775	80	1286	1326	423	1749	-26.0	4,300	4,319	4,674
CIVIL DEFENSE:										
8A. Civil Defense	18	1	12	12.5	2	14.5	-3.5	1,600	1,644	1,779
SEALED SOURCE AND DEVICE SAFETY EVALUATION										
9A. Device/Product Safety Evaluation - Broad	181	24	84	96	27	123	-58.0	6,700	6,658	7,205
9B. Device/Product Safety Evaluation - Other	39		15	15	8	23	-16.0	3,400	3,419	3,700
9C. Sealed Sources Safety Evaluation - Broad	95	32	22	38	13	51	-44.0	1,400	1,439	1,557
9D. Sealed Sources Safety Evaluation - Other	22		20	20	1	21	-1.0	720	720	779
TRANSPORTATION										

NUMBER OF LICENSES

License Fee Category	FY 96	FY 1997					Compared to FY96	FY1996 Annual Fee (Round)	FY1996 Annual Fee (Exact)	FY1997 Annual Fee (Exact)
		Transfer to Mass.	Billed at FY96 Fee	Total at FY96 Fee*	Billed at FY97 Fee	Total				
10.A. (1) Certificate of Compliance	N/A			0	N/A	0	0.0	N/A	N/A	0
10.B. (1) Approvals (Users and Fabricators)	48		27	27	14	41	-7.0	72,700	72,715	78,692
10.B. (2) Approvals (Users Only)	353		226	226	60	286	-67.0	950	945	1,023
OTHER LICENSES										
11. Standardized Spent Fuel Facilities	N/A			0	N/A	N/A		N/A	N/A	0
12. Special Projects	N/A			0	N/A	N/A		N/A	N/A	0
13.A. Spent Fuel Storage Certificate of Comp	N/A			0	N/A	N/A		N/A	N/A	0
13.B. Spent Fuel General License	1		2	2	1	3	2.0	260,900	260,921	282,370
14. Decommissioning/Possession-Only	N/A			0	N/A	N/A		N/A	0	0
15. Export/Import	N/A			0	N/A	N/A		N/A	0	0
16. Reciprocity	N/A			0	N/A	N/A		N/A	0	0
17. Master Maaterial License	2			0	2	2	0.0	388,400	388,361	420,286
18.A. DOE Transportation Activities	1			0	1	1	0.0	1,077,000	1,077,409	1,165,976
18.B. DOE UMTRCA Activities	1			0	1	1	0.0	1,812,000	1,811,913	1,960,859
TOTAL	6742.9	424.0	4479.0	4691.0	1686.2	6377.2	-365.7			

* The annual fee for licenses expected to be transferred to Massachusetts is estimated at 50 percent of the FY96 annual fee.

FY 1997

Uranium Recovery Licensees

<u>FEE CATEGORY</u>	<u>Mills - Program Code 11100</u>	<u>DOCKET</u>	<u>LICENSE</u>
2.A.(2) Class I	1. Kennecott Uranium Co.	40-8584	SUA-1350
	2. Energy Fuels Nuclear	40-8681	SUA-1358
	3. Plateau Resources	40-8698	SUA-1371
	<u>In-Situ Solution Mining -- Program Code 11500</u>		
2.A.(2) Class II	1. Ferret Exploration	40-8943	SUA-1534
	2. Pathfinder	40-8981	SUA-1540
	3. Cogema Mining	40-8502	SUA-1341
	4. Rio Algom	40-8964	SUA-1548
	5. Power Resources	40-8857	SUA-1511
	6. Quivera Mining	40-8905	SUA-1473
	<u>Disposal 11e.(2) Material-New Tailings Pile</u>		
2.A.(3)	1. Envirocare	40-8989	SMC-1559'
2.A.(4)	<u>Disposal 11e.(2) Material-Existing Tailings Pile</u>		
	1. Pathfinder	40-6622	SUA-442
	2. American Nuclear	40-4492	SUA-667
	3. UMETCO Minerals Corp.	40-0299	SUA-648

SCHEDULE OF MATERIALS ANNUAL FEES

2. Source material:

A. (2) Licenses for possession and use of source material in recovery operations such as milling, in-situ leaching, heap-leaching, 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, as well as licenses authorizing the possession and maintenance of a facility in a standby mode.

Other facilities' \$22,300

Determination of FY 1997
Annual Fees

<u>Fee Classes/Subclasses</u>	<u>FY 1996 Annual Fees (Exact)</u>	<u>Budget Increase (8.2%)</u>	<u>FY 1997 Annual Fees (Rounded)</u>
<u>Rare Earth Facilities</u>			
2.A.(2) Other/rare earth	\$20,574	8.2%	\$22,300

FY 1997 PROPOSED RULE -- ANNUAL FEES

06-Feb-97

NUMBER OF LICENSES

FY 1997										
License Fee Category	FY 96	Transfer to Mass.	Billed	Total	Billed	Total	Compared to FY96	FY1996	FY1996	FY1997
			at FY96 Fee	at FY96 Fee*	at FY97 Fee			Annual Fee (Round)	Annual Fee (Exact)	Annual Fee (Exact)
----- ----- -----										
REACTORS										
----- ----- -----										
Power	108.9			0	108.2	108.2	-0.7	2,746,000	2,745,825	2,971,542
Small Older Reactors	1			0	1	1	0.0	192,900	192,927	208,786
Non-power	5			0	5	5	0.0	52,800	52,839	57,183
----- ----- -----										
FUEL FACILITIES AND SNM										
----- ----- -----										
1.A.(1)(a) HEU	2			0	2	2	0.0	2,403,000	2,402,649	2,600,155
1.A.(1)(b) LEU	4			0	4	4	0.0	1,179,000	1,179,470	1,276,427
1.A.(2)(a) Limited Fuel Fab	1			0	1	1	0.0	469,200	469,181	507,749
1.A.(2)(b) All Other Fuel Fab	1			0	1	1	0.0	318,600	318,593	344,783
1.B. Independent Spent Fuel Storage	7			0	7	7	0.0	260,900	260,921	282,370
1C. Industrial Gauges	20		12	12	7	19	-1.0	1,200	1,194	1,292
1D. All Other SNM	77	1	54	54.5	24	78.5	1.5	2,800	2,817	3,049
1.E. Uranium Enrichment	0			0	1	1	1.0	2,403,000	2,402,649	2,600,155
----- ----- -----										
URANIUM RECOVERY AND SOURCE MATERIAL:										
----- ----- -----										
2.A.(1) UF6 Conversion	1			0	1	1	0.0	597,800	597,796	646,937
2.A.(2)(a) Class I (Conventional Mills)	3			0	3	3	0.0	57,000	56,961	61,643
2.A.(2)(b) Class II (In-situ Mills)	6			0	6	6	0.0	32,200	32,179	34,824
2.A.(2)(c) Other (Rare Earth Mills)	3			0	3	3	0.0	20,600	20,574	22,265
2.A.(3) Disposal of 11e(2) Materials	1			0	1	1	0.0	41,800	41,796	45,232
2.A.(4) 11e(2) Disposal Incidental to Oper.	3			0	2	2	-1.0	7,400	7,397	8,005
2B. Shielding	40	1	27	27.5	11	38.5	-1.5	450	453	490
2C. Other Source Materials	121	3	75	76.5	28	104.5	-16.5	8,100	8,060	8,723

FY 1997 PROPOSED RULE -- ANNUAL FEES

06-Feb-97

NUMBER OF LICENSES

FY 1997										
License Fee Category	FY 96	Transfer to Mass.	Billed	Total	Billed	Total	Compared to FY96	FY1996	FY1996	FY1997
			at FY96 Fee	at FY96 Fee*	at FY97 Fee			Annual Fee (Round)	Annual Fee (Exact)	Annual Fee (Exact)

BYPRODUCT MATERIAL:										

3A. Manufacturing - Broad	15	4	8	10	3	13	-2.0	15,400	15,352	16,614
3B. Manufacturing - Other	90	20	45	55	22	77	-13.0	5,200	5,151	5,574
3C. Radiopharmaceuticals - Manuf./Process	70	3	35	36.5	11	47.5	-22.5	10,400	10,360	11,212
3D. Radiopharmaceuticals - No Manuf./Process	15	1	3	3.5	4	7.5	-7.5	4,100	4,100	4,437
3E. Irradiators - Self-Shield	159	22	108	119	36	155	-4.0	2,900	2,930	3,171
3F. Irradiators - < 10,000 Ci	9	2	6	7	1	8	-1.0	3,500	3,540	3,831
3G. Irradiators - > 10,000 Ci	16	1	12	12.5	3	15.5	-0.5	18,100	18,149	19,641
3H. Exempt Distribution - Device Review	32		24	24	9	33	1.0	4,600	4,643	5,025
3I. Exempt Distribution - No Device Review	81		69	69	14	83	2.0	8,200	8,200	8,874
3J. Gen. License - Device Review	34	6	19	22	7	29	-5.0	3,500	3,486	3,773
3K. Gen. License - No Device Review	7	2	4	5	2	7	0.0	3,000	2,997	3,243
3L. R&D - Broad	91	5	57	59.5	25	84.5	-6.5	11,400	11,350	12,283
3M. R&D - Other	269	92	171	217	68	285	16.0	5,100	5,060	5,476
3N. Service License	81	10	50	55	18	73	-8.0	5,600	5,601	6,061
3O. Radiography	155	2	109	110	47	157	2.0	13,000	12,960	14,025
3P. All Other Byproduct Materials	2406	94	1727	1774	575	2349	-57.0	1,600	1,584	1,714

WASTE DISPOSAL AND PROCESSING:										

4A. Waste Disposal*	2		2	2	0	2	0.0	94,300	94,313	102,066
4B. Waste Receipt/Packaging	13	1	9	9.5	3	12.5	-0.5	13,300	13,341	14,438
4C. Waste Receipt - Prepackaged	4		3	3	1	4	0.0	7,100	7,101	7,685

WELL LOGGING:										

NUMBER OF LICENSES

FY 1997										
License Fee Category	FY 96	Transfer to Mass.	Billed at FY96 Fee	Total at FY96 Fee*	Billed at FY97 Fee	Total	Compared to FY96	FY1996 Annual Fee (Round)	FY1996 Annual Fee (Exact)	FY1997 Annual Fee (Exact)
5A. Well Logging	57		44	44	11	55	-2.0	7,500	7,539	8,159
5B. Field Flooding Tracers Studies*	0			0	0	0	0.0	12,200	12,188	13,190
NUCLEAR LAUNDRY:										
6A. Nuclear Laundry	6	2	3	4	1	5	-1.0	13,600	13,559	14,674
HUMAN USE OF BYPRODUCT, SOURCE, OR SNM:										
7A. Teletherapy	87	5	44	46.5	29	75.5	-11.5	9,500	9,499	10,280
7B. Medical - Broad	103	10	65	70	27	97	-6.0	21,700	21,672	23,454
7C. Medical Other	1775	80	1286	1326	423	1749	-26.0	4,300	4,319	4,674
CIVIL DEFENSE:										
8A. Civil Defense	18	1	12	12.5	2	14.5	-3.5	1,600	1,644	1,779
SEALED SOURCE AND DEVICE SAFETY EVALUATION										
9A. Device/Product Safety Evaluation - Broad	181	24	84	96	27	123	-58.0	6,700	6,658	7,205
9B. Device/Product Safety Evaluation - Other	39		15	15	8	23	-16.0	3,400	3,419	3,700
9C. Sealed Sources Safety Evaluation - Broad	95	32	22	38	13	51	-44.0	1,400	1,439	1,557
9D. Sealed Sources Safety Evaluation - Other	22		20	20	1	21	-1.0	720	720	779
TRANSPORTATION										

NUMBER OF LICENSES

License Fee Category	FY 96	FY 1997						FY1996 Annual Fee (Round)	FY1996 Annual Fee (Exact)	FY1997 Annual Fee (Exact)
		Transfer to Mass.	Billed at FY96 Fee	Total at FY96 Fee*	Billed at FY97 Fee	Total	Compared to FY96			
10.A.(1) Certificate of Compliance	N/A			0	N/A	0	0.0	N/A	N/A	0
10.B.(1) Approvals (Users and Fabricators)	48		27	27	14	41	-7.0	72,700	72,715	78,692
10.B.(2) Approvals (Users Only)	353		226	226	60	286	-67.0	950	945	1,023
OTHER LICENSES										
11. Standardized Spent Fuel Facilities	N/A			0	N/A	N/A		N/A	N/A	0
12. Special Projects	N/A			0	N/A	N/A		N/A	N/A	0
13.A. Spent Fuel Storage Certificate of Comp	N/A			0	N/A	N/A		N/A	N/A	0
13.B. Spent Fuel General License	1		2	2	1	3	2.0	260,900	260,921	282,370
14. Decommissioning/Possession-Only	N/A			0	N/A	N/A		N/A	0	0
15. Export/Import	N/A			0	N/A	N/A		N/A	0	0
16. Reciprocity	N/A			0	N/A	N/A		N/A	0	0
17. Master Material License	2			0	2	2	0.0	388,400	386,361	420,286
18.A. DOE Transportation Activities	1			0	1	1	0.0	1,077,000	1,077,409	1,165,976
18.B. DOE UMTRCA Activities	1			0	1	1	0.0	1,812,000	1,811,913	1,960,859
TOTAL	6742.9	424.0	4479.0	4691.0	1686.2	6377.2	-365.7			

* The annual fee for licenses expected to be transferred to Massachusetts is estimated at 50 percent of the FY96 annual fee.

FY 1997

Rare Earth Licensees

Fee Category

\$171.16(d), Category 2.A.(2), Other Facilities

	<u>Name</u>	<u>Docket Number</u>	<u>License Number</u>
1.	Fansteel	40-7580	SMB-911
2.	Cabot	40-6940	SMB-920
3.	Shieldalloy	40-7102	SMB-743

SCHEDULE OF MATERIALS ANNUAL FEES

10. Transportation of radioactive material:

- A. Certificates of Compliance or other package approvals issued for design of casks, packages, and shipping containers.

Spent Fuel, High-Level Waste, and plutonium air packages	N/A ^{18/}
Other Casks	N/A ^{18/}

- B. Approvals issued of 10 CFR Part 71 quality assurance programs.

Users and Fabricators	\$78,700
Users	\$1,000

18. Department of Energy:

- A. Certificates of Compliance \$1,166,000^{18/}

Determination of FY 1997
Annual Fees

<u>Fee Classes/Subclasses</u>	<u>FY 1996 Annual Fees (Exact)</u>	<u>Percent Increase (8.2%)</u>	<u>FY 1997 Annual Fees (Rounded)</u>
<u>Transportation</u>			
10.A. Certificates of compliance	N/A		
10.B. Approvals-users and fabricators	\$72,715	8.2%	\$78,700
10.B. Approvals-users only	\$945	8.2%	\$1,000
18.A. DOE certificates of compliance	\$1,077,409	8.2%	\$1,166,000

FY 1997 PROPOSED RULE -- ANNUAL FEES

06-Feb-97

NUMBER OF LICENSES

FY 1997										
License Fee Category	FY 96	Transfer to Mass.	Billed at FY96 Fee	Total at FY96 Fee*	Billed at FY97 Fee	Total	Compared to FY96	FY1996 Annual Fee (Round)	FY1996 Annual Fee (Exact)	FY1997 Annual Fee (Exact)

REACTORS										

Power	108.9			0	108.2	108.2	-0.7	2,746,000	2,745,825	2,971,542
Small Older Reactors	1			0	1	1	0.0	192,900	192,927	208,786
Non-power	5			0	5	5	0.0	52,800	52,839	57,183
FUEL FACILITIES AND SNM										

1.A.(1)(a) HEU	2			0	2	2	0.0	2,403,000	2,402,649	2,600,155
1.A.(1)(b) LEU	4			0	4	4	0.0	1,179,000	1,179,470	1,276,427
1.A.(2)(a) Limited Fuel Fab	1			0	1	1	0.0	469,200	469,181	507,749
1.A.(2)(b) All Other Fuel Fab	1			0	1	1	0.0	318,600	318,593	344,783
1.B. Independent Spent Fuel Storage	7			0	7	7	0.0	260,900	260,921	282,370
1C. Industrial Gauges	20		12	12	7	19	-1.0	1,200	1,194	1,292
1D. All Other SNM	77	1	54	54.5	24	78.5	1.5	2,800	2,817	3,049
1.E. Uranium Enrichment	0			0	1	1	1.0	2,403,000	2,402,649	2,600,155
URANIUM RECOVERY AND SOURCE MATERIAL:										

2.A.(1) UF6 Conversion	1			0	1	1	0.0	597,800	597,796	646,937
2.A.(2)(a) Class I (Conventional Mills)	3			0	3	3	0.0	57,000	56,961	61,643
2.A.(2)(b) Class II (In-situ Mills)	6			0	6	6	0.0	32,200	32,179	34,824
2.A.(2)(c) Other (Rare Earth Mills)	3			0	3	3	0.0	20,600	20,574	22,265
2.A.(3) Disposal of 11e(2) Materials	1			0	1	1	0.0	41,800	41,796	45,232
2.A.(4) 11e(2) Disposal Incidental to Oper.	3			0	2	2	-1.0	7,400	7,397	8,005
2B. Shielding	40	1	27	27.5	11	38.5	-1.5	450	453	490
2C. Other Source Materials	121	3	75	76.5	28	104.5	-16.5	8,100	8,060	8,723

NUMBER OF LICENSES

FY 1997										
License Fee Category	FY 96	Transfer to Mass.	Billed	Total	Billed	Total	Compared to FY96	FY1996	FY1996	FY1997
			at FY96 Fee	at FY96 Fee*	at FY97 Fee			Annual Fee (Round)	Annual Fee (Exact)	Annual Fee (Exact)

BYPRODUCT MATERIAL:										

3A. Manufacturing - Broad	15	4	8	10	3	13	-2.0	15,400	15,352	16,614
3B. Manufacturing - Other	90	20	45	55	22	77	-13.0	5,200	5,151	5,574
3C. Radiopharmaceuticals - Manuf./Process	70	3	35	36.5	11	47.5	-22.5	10,400	10,360	11,212
3D. Radiopharmaceuticals - No Manuf./Process	15	1	3	3.5	4	7.5	-7.5	4,100	4,100	4,437
3E. Irradiators - Self-Shield	159	22	108	119	36	155	-4.0	2,900	2,930	3,171
3F. Irradiators - < 10,000 Ci	9	2	6	7	1	8	-1.0	3,500	3,540	3,831
3G. Irradiators - > 10,000 Ci	16	1	12	12.5	3	15.5	-0.5	18,100	18,149	19,641
3H. Exempt Distribution - Device Review	32		24	24	9	33	1.0	4,600	4,643	5,025
3I. Exempt Distribution - No Device Review	81		69	69	14	83	2.0	8,200	8,200	8,874
3J. Gen. License - Device Review	34	6	19	22	7	29	-5.0	3,500	3,486	3,773
3K. Gen. License - No Device Review	7	2	4	5	2	7	0.0	3,000	2,997	3,243
3L. R&D - Broad	91	5	57	59.5	25	84.5	-6.5	11,400	11,350	12,283
3M. R&D - Other	269	92	171	217	68	285	16.0	5,100	5,060	5,476
3N. Service License	81	10	50	55	18	73	-8.0	5,600	5,601	6,061
3O. Radiography	155	2	109	110	47	157	2.0	13,000	12,960	14,025
3P. All Other Byproduct Materials	2406	94	1727	1774	575	2349	-57.0	1,600	1,584	1,714

WASTE DISPOSAL AND PROCESSING:										

4A. Waste Disposal*	2		2	2	0	2	0.0	94,300	94,313	102,066
4B. Waste Receipt/Packaging	13	1	9	9.5	3	12.5	-0.5	13,300	13,341	14,438
4C. Waste Receipt - Prepackaged	4		3	3	1	4	0.0	7,100	7,101	7,685

WELL LOGGING:

FY 1997 PROPOSED RULE -- ANNUAL FEES

06-Feb-97

NUMBER OF LICENSES

FY 1997										
License Fee Category	FY 96	Transfer to Mass.	Billed at FY96 Fee	Total at FY96 Fee*	Billed at FY97 Fee	Total	Compared to FY96	FY1996 Annual Fee (Round)	FY1996 Annual Fee (Exact)	FY1997 Annual Fee (Exact)
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5A. Well Logging	57		44	44	11	55	-2.0	7,500	7,539	8,159
5B. Field Flooding Tracers Studies*	0			0	0	0	0.0	12,200	12,188	13,190
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NUCLEAR LAUNDRY:										
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6A. Nuclear Laundry	6	2	3	4	1	5	-1.0	13,600	13,559	14,674
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HUMAN USE OF BYPRODUCT, SOURCE, OR SNM:										
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7A. Teletherapy	87	5	44	46.5	29	75.5	-11.5	9,500	9,499	10,280
7B. Medical - Broad	103	10	65	70	27	97	-6.0	21,700	21,672	23,454
7C. Medical Other	1775	80	1286	1326	423	1749	-26.0	4,300	4,319	4,674
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CIVIL DEFENSE:										
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8A. Civil Defense	18	1	12	12.5	2	14.5	-3.5	1,600	1,644	1,779
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SEALED SOURCE AND DEVICE SAFETY EVALUATION										
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9A. Device/Product Safety Evaluation - Broad	181	24	84	96	27	123	-58.0	6,700	6,658	7,205
9B. Device/Product Safety Evaluation - Other	39		15	15	8	23	-16.0	3,400	3,419	3,700
9C. Sealed Sources Safety Evaluation - Broad	95	32	22	38	13	51	-44.0	1,400	1,439	1,557
9D. Sealed Sources Safety Evaluation - Other	22		20	20	1	21	-1.0	720	720	779
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TRANSPORTATION										
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FY 1997 PROPOSED RULE -- ANNUAL FEES

05-Feb-97

NUMBER OF LICENSES

License Fee Category	FY 96	FY 1997						FY1996 Annual Fee (Round)	FY1996 Annual Fee (Exact)	FY1997 Annual Fee (Exact)
		Transfer to Mass.	Billed at FY96 Fee	Total at FY96 Fee*	Billed at FY97 Fee	Total	Compared to FY96			
10.A.(1) Certificate of Compliance	N/A			0	N/A	0	0.0	N/A	N/A	0
10.B.(1) Approvals (Users and Fabricators)	48		27	27	14	41	-7.0	72,700	72,715	78,692
10.B.(2) Approvals (Users Only)	353		225	226	60	286	-67.0	950	945	1,023
OTHER LICENSES										
11. Standardized Spent Fuel Facilities	N/A			0	N/A	N/A		N/A	N/A	0
12. Special Projects	N/A			0	N/A	N/A		N/A	N/A	0
13.A. Spent Fuel Storage Certificate of Comp	N/A			0	N/A	N/A		N/A	N/A	0
13.B. Spent Fuel General License	1		2	2	1	3	2.0	260,900	260,921	282,370
14. Decommissioning/Possession-Only	N/A			0	N/A	N/A		N/A	0	0
15. Export/Import	N/A			0	N/A	N/A		N/A	0	0
16. Reciprocity	N/A			0	N/A	N/A		N/A	0	0
17. Master Material License	2			0	2	2	0.0	388,400	388,361	420,286
18.A. DOE Transportation Activities	1			0	1	1	0.0	1,077,000	1,077,409	1,165,976
18.B. DOE UMTRCA Activities	1			0	1	1	0.0	1,812,000	1,811,913	1,960,000
TOTAL	6742.9	424.0	4479.0	4691.0	1686.2	6377.2	-365.7			

* The annual fee for licenses expected to be transferred to Massachusetts is estimated at 50 percent of the FY96 annual fee.

FY 1997
Transportation

DOE holds 34 of the 176 Certificates of Compliance that have been issued.

Number of QA plans approved for use = 286

Number of QA plans approved for fabrication and use = 41

Total 327

SCHEDULE OF MATERIALS ANNUAL FEES

AND FEES FOR GOVERNMENT AGENCIES LICENSED BY NRC

1. Special nuclear material:

C. Licenses for possession and use of special nuclear material in sealed sources contained in devices used in industrial measuring systems, including x-ray fluorescence analyzers. \$1,300

D. 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 this chapter, for which the licensee shall pay the same fees as those for Category 1.A.(2). \$3,000

2. Source material:

B. Licenses which authorize only the possession, use and/or installation of source material for shielding. \$490

C. All other source material licenses. \$8,700

3. Byproduct material:

- 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. \$16,600
- 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. \$5,600
- C. Licenses issued pursuant to §§32.72, 32.73, and/or 32.74 of this chapter authorizing the processing or manufacturing and distribution or redistribution of radiopharmaceuticals, generators, reagent kits and/or sources and devices containing byproduct material. This category also includes the possession

and use of source material for shielding authorized pursuant to Part 40 of this chapter when included on the same license. This category does not apply to licenses issued to nonprofit educational institutions whose processing or manufacturing is exempt under 10 CFR 171.11(a)(1). These licenses are covered by fee Category 3D. \$11,200

- D. Licenses and approvals issued pursuant to §§32.72, 32.73, and/or 32.74 of this chapter authorizing distribution or redistribution of radiopharmaceuticals, generators, reagent kits and/or sources or devices not involving processing of byproduct material. This category includes licenses issued pursuant to §§32.72, 32.73 and 32.74 to nonprofit educational institutions whose processing or manufacturing is exempt under 10 CFR 171.11(a)(1). This category also includes the possession and use of source material for shielding authorized pursuant to Part 40 of this

chapter when included on the same
license.

\$4,400

- E. Licenses for possession and use of byproduct material in sealed sources for irradiation of materials in which the source is not removed from its shield (self-shielded units). \$3,200
- F. Licenses for possession and use of less than 10,000 curies of byproduct material in sealed sources for irradiation of materials in which the source is exposed for irradiation purposes. This category also includes underwater irradiators for irradiation of materials in which the source is not exposed for irradiation purposes. \$3,800
- G. Licenses for possession and use of 10,000 curies or more of byproduct material in sealed sources for irradiation of materials in which the source is exposed for irradiation purposes. This category also includes underwater irradiators for irradiation of

materials in which the source is not
exposed for irradiation purposes. \$19,600

H. Licenses issued pursuant to Subpart A
of Part 32 of this chapter to distribute
items containing byproduct material that
require device review to persons exempt
from the licensing requirements of Part 30
of this chapter, except specific licenses
authorizing redistribution of items that
have been authorized for distribution to
persons exempt from the licensing
requirements of Part 30 of this
chapter. \$5,000

I. Licenses issued pursuant to Subpart A
of Part 32 of this chapter to distribute
items containing byproduct material or
quantities of byproduct material that
do not require device evaluation to
persons exempt from the licensing
requirements of Part 30 of this chapter,
except for specific licenses authorizing
redistribution of items that have been
authorized for distribution to persons
exempt from the licensing requirements

of Part 30 of this chapter.

\$8,900

- J. Licenses issued pursuant to Subpart B of Part 32 of this chapter to distribute items containing byproduct material that require sealed source and/or device review to persons generally licensed under Part 31 of this chapter, except specific licenses authorizing redistribution of items that have been authorized for distribution to persons generally licensed under Part 31 of this chapter.

\$3,800

- K. Licenses issued pursuant to Subpart B of Part 31 of this chapter to distribute items containing byproduct material or quantities of byproduct material that do not require sealed source and/or device review to persons generally licensed under Part 31 of this chapter, except specific licenses authorizing redistribution of items that have been authorized for distribution to persons generally licensed under Part 31 of this chapter.

\$3,200

- 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 that do not authorize commercial distribution. \$12,300
- M. Other licenses for possession and use of byproduct material issued pursuant to Part 30 of this chapter for research and development that do not authorize commercial distribution. \$5,500
- N. Licenses that authorize services for other licensees, except:
- (1) Licenses that authorize only calibration and/or leak testing services are subject to the fees specified in fee Category 3P; and
- (2) Licenses that authorize waste disposal services are subject to the fees specified in fee Categories 4A, 4B, and 4C. \$6,100
- O. Licenses for possession and use of byproduct material issued pursuant to

Part 34 of this chapter for industrial radiography operations. This category also includes the possession and use of source material for shielding authorized pursuant to Part 40 of this chapter when authorized on the same license. \$14,000

P. All other specific byproduct material licenses, except those in Categories 4A through 9D. \$1,700

4. Waste disposal and processing:

A. Licenses specifically authorizing the receipt of waste byproduct material, source material, or special nuclear material from other persons for the purpose of contingency storage or commercial land disposal by the licensee; or licenses authorizing contingency storage of low-level radioactive waste at the site of nuclear power reactors; or licenses for receipt of waste from other persons for incineration or other treatment, packaging of resulting

waste and residues, and transfer
of packages to another person
authorized to receive or dispose
of waste material.

\$102,000^{5/}

- 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. \$14,400
- 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. \$7,700

5. Well logging:

- A. Licenses for possession and 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. \$8,200
- B. Licenses for possession and use of byproduct material for field flooding tracer studies. \$13,200
- 6. Nuclear laundries:
 - A. Licenses for commercial collection and laundry of items contaminated with byproduct material, source material, or special nuclear material. \$14,700
- 7. Medical licenses:
 - A. Licenses issued pursuant to Parts 30, 35, 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. This category also

includes the possession and use of source material for shielding when authorized on the same license. \$10,300

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. This category also includes the possession and use of source material for shielding when authorized on the same license.^{2/} \$23,500

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 devices. This category also includes the possession and use of source material for shielding when authorized on the same license.^{2/} \$4,700

8. Civil defense:

- A. Licenses for possession and use of byproduct material, source material, or special nuclear material for civil defense activities. \$1,800

9. Device, product, or sealed source safety evaluation:

- A. Registrations issued for the safety evaluation of devices or products containing byproduct material, source material, or special nuclear material, except reactor fuel devices, for commercial distribution. \$7,200
- B. Registrations issued for the safety evaluation of devices or products 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 devices. \$3,700

C. Registrations issued for the safety
evaluation of sealed sources
containing byproduct material, source
material, or special nuclear material,
except reactor fuel, for commercial
distribution. \$1,600

D. Registrations issued for the 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. \$780

17. Master materials licenses of broad \$420,000
scope issued to Government agencies.

Determination of FY 1997
Annual Fees

<u>Fee Classes/Subclasses</u>	<u>FY 1996 Annual Fees (Exact)</u>	<u>Percent Increase (8.2%)</u>	<u>FY 1997 Annual Fees (Rounded)</u>
<u>Materials</u>			
1.C. SNM gauges	\$1,194	8.2%	\$1,300
1.D. All other SNM	\$2,817	8.2%	3,000
2.B. Source material for shielding	\$453	8.2%	490
2.C. All other source material	\$8,060	8.2%	8,700
3.A. Mfg-broad scope	\$15,352	8.2%	16,600
3.B. Mfg-other	\$5,151	8.2%	5,600
3.C. Mfg-dist. Radiopharmaceuticals	\$10,360	8.2%	11,200
3.D. Radiopharmaceuticals- no processing	\$4,100	8.2%	4,400
3.E. Irradiators/ self-shielded	\$2,930	8.2%	3,200
3.F. Irradiators < 10,000 curies	\$3,540	8.2%	3,800
3.G. Irradiators > 10,000 curies	\$18,149	8.2%	19,600
3.H. Exempt dist/ device review	\$4,643	8.2%	5,000
3.I. Exempt dist/ no device review	\$8,200	8.2%	8,900
3.J. G.L. dist/ device review	\$3,486	8.2%	3,800
3.K. G.L. dist/ no device review	\$2,997	8.2%	3,200
3.L. R&D broad	\$11,350	8.2%	12,300
3.M. R&D other	\$5,060	8.2%	\$5,500

Determination of FY 1997
Annual Fees

<u>Fee Classes/Subclasses</u>	<u>FY 1996 Annual Fees (Exact)</u>	<u>Percent Increase (8.2%)</u>	<u>FY 1997 Annual Fees (Rounded)</u>
<u>Materials (cont.)</u>			
3.N. Service license	\$5,601	8.2%	\$6,100
3.O. Radiography	\$12,960	8.2%	14,000
3.P. All other materials	\$1,584	8.2%	1,700
4.A. Waste burial	\$94,313	8.2%	102,000
4.B. Waste packaging	\$13,341	8.2%	14,400
4.C. Waste-prepackaged	\$7,101	8.2%	7,700
5.A. Well logging	\$7,539	8.2%	8,200
5.B. Field tracer studies	\$12,188	8.2%	13,200
6.A. Nuclear laundries	\$13,559	8.2%	14,700
7.A. Teletherapy	\$9,499	8.2%	10,300
7.B. Medical-broad	\$21,672	8.2%	23,500
7.C. Medical-other	\$4,319	8.2%	4,700
8.A. Civil defense	\$1,644	8.2%	1,800
9.A. Device evaluation- commercial dist.	\$6,658	8.2%	7,200
9.B. Device evaluation- custom	\$3,419	8.2%	3,700
9.C. Sealed source evaluation-comm. dist.	\$1,439	8.2%	1,600
9.D. Sealed source evaluation-custom	\$720	8.2%	780
17. Master materials licenses	\$388,361	8.2%	\$420,000

FY 1997 PROPOSED RULE -- ANNUAL FEES

06-Feb-97

NUMBER OF LICENSES

FY 1997										
License Fee Category	FY 96	Transfer to Mass.	Billed at FY96 Fee	Total at FY96 Fee*	Billed at FY97 Fee	Total	Compared to FY96	FY1996 Annual Fee (Round)	FY1996 Annual Fee (Exact)	FY1997 Annual Fee (Exact)
REACTORS										
Power	108.9			0	103.2	108.2	-0.7	2,746,000	2,745,825	2,971,542
Small Older Reactors	1			0	1	1	0.0	192,900	192,927	208,786
Non-power	5			0	5	5	0.0	52,800	52,839	57,183
FUEL FACILITIES AND SNM										
1.A.(1)(a) HEU	2			0	2	2	0.0	2,403,000	2,402,649	2,600,155
1.A.(1)(b) LEU	4			0	4	4	0.0	1,179,000	1,179,470	1,276,427
1.A.(2)(a) Limited Fuel Fab	1			0	1	1	0.0	469,200	469,181	507,749
1.A.(2)(b) All Other Fuel Fab	1			0	1	1	0.0	318,600	318,593	344,783
1.B. Independent Spent Fuel Storage	7			0	7	7	0.0	260,900	260,921	282,370
1C. Industrial Gauges	20		12	12	7	19	-1.0	1,200	1,194	1,292
1D. All Other SNM	77	1	54	54.5	24	78.5	1.5	2,800	2,817	3,049
1.E. Uranium Enrichment	0			0	1	1	1.0	2,403,000	2,402,649	2,600,155
URANIUM RECOVERY AND SOURCE MATERIAL:										
2.A.(1) UF6 Conversion	1			0	1	1	0.0	597,800	597,796	646,937
2.A.(2)(a) Class I (Conventional Mills)	3			0	3	3	0.0	57,000	56,961	51,643
2.A.(2)(b) Class II (In-situ Mills)	6			0	6	6	0.0	32,200	32,179	34,824
2.A.(2)(c) Other (Rare Earth Mills)	3			0	3	3	0.0	20,600	20,574	22,265
2.A.(3) Disposal of 11e(2) Materials	1			0	1	1	0.0	41,800	41,796	45,232
2.A.(4) 11e(2) Disposal Incidental to Oper.	3			0	2	2	-1.0	7,400	7,397	8,005
2B. Shielding	40	1	27	27.5	11	38.5	-1.5	450	453	490
2C. Other Source Materials	121	3	75	76.5	28	104.5	-16.5	8,100	8,060	8,723

FY 1997 PROPOSED RULE -- ANNUAL FEES

06-Feb-97

NUMBER OF LICENSES

FY 1997

License Fee Category	FY 96	Transfer to Mass.	Billed	Total	Billed	Total	Compared	FY1996	FY1996	FY1997
			at FY96	at FY96	at FY97		to	Annual	Annual	Annual
			Fee	Fee*	Fee		FY96	Fee (Round)	Fee (Exact)	Fee (Exact)

BYPRODUCT MATERIAL:										

3A. Manufacturing - Broad	15	4	8	10	3	13	-2.0	15,400	15,352	16,614
3B. Manufacturing - Other	90	20	45	55	22	77	-13.0	5,200	5,151	5,574
3C. Radiopharmaceuticals - Manuf./Process	70	3	35	36.5	11	47.5	-22.5	10,400	10,360	11,212
3D. Radiopharmaceuticals - No Manuf./Process	15	1	3	3.5	4	7.5	-7.5	4,100	4,100	4,437
3E. Irradiators - Self-Shield	159	22	108	119	36	155	-4.0	2,900	2,930	3,171
3F. Irradiators - < 10,000 Ci	9	2	6	7	1	8	-1.0	3,500	3,540	3,831
3G. Irradiators - > 10,000 Ci	16	1	12	12.5	3	15.5	-0.5	18,100	18,149	19,641
3H. Exempt Distribution - Device Review	32		24	24	9	33	1.0	4,600	4,643	5,025
3I. Exempt Distribution - No Device Review	81		69	69	14	83	2.0	8,200	8,200	8,874
3J. Gen. License - Device Review	34	6	19	22	7	29	-5.0	3,500	3,486	3,773
3K. Gen. License - No Device Review	7	2	4	5	2	7	0.0	3,000	2,997	3,243
3L. R&D - Broad	91	5	57	59.5	25	84.5	-6.5	11,400	11,350	12,283
3M. R&D - Other	269	92	171	217	68	285	16.0	5,100	5,060	5,476
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3O. Radiography	155	2	109	110	47	157	2.0	13,000	12,960	14,025
3P. All Other Byproduct Materials	2406	94	1727	1774	575	2349	-57.0	1,600	1,584	1,714

WASTE DISPOSAL AND PROCESSING:										

4A. Waste Disposal*	2		2	2	0	2	0.0	94,300	94,313	102,066
4B. Waste Receipt/Packaging	13	1	9	9.5	3	12.5	-0.5	13,300	13,341	14,438
4C. Waste Receipt - Prepackaged	4		3	3	1	4	0.0	7,100	7,101	7,685

WELL LOGGING:										

FY 1997 PROPOSED RULE -- ANNUAL FEES

05-Feb-97

NUMBER OF LICENSES

License Fee Category	FY 1997							FY1996 Annual Fee (Round)	FY1996 Annual Fee (Exact)	FY1997 Annual Fee (Exact)
	FY 96	Transfer to Mass.	Billed at FY96 Fee	Total at FY96 Fee*	Billed at FY97 Fee	Total	Compared to FY96			
5A. Well Logging	57		44	44	11	55	-2.0	7,500	7,539	8,159
5B. Field Flooding Tracers Studies*	0			0	0	0	0.0	12,200	12,188	13,190
NUCLEAR LAUNDRY:										
6A. Nuclear Laundry	6	2	3	4	1	5	-1.0	13,600	13,559	14,674
HUMAN USE OF BYPRODUCT, SOURCE, OR SNM:										
7A. Teletherapy	87	5	44	46.5	29	75.5	-11.5	9,500	9,499	10,280
7B. Medical - Broad	103	10	65	70	27	97	-6.0	21,700	21,672	23,454
7C. Medical Other	1775	80	1286	1326	423	1749	-26.0	4,300	4,319	4,674
CIVIL DEFENSE:										
8A. Civil Defense	18	1	12	12.5	2	14.5	-3.5	1,600	1,644	1,779
SEALED SOURCE AND DEVICE SAFETY EVALUATION										
9A. Device/Product Safety Evaluation - Broad	181	24	84	96	27	123	-58.0	6,700	6,658	7,205
9B. Device/Product Safety Evaluation - Other	39		15	15	8	23	-16.0	3,400	3,419	3,700
9C. Sealed Sources Safety Evaluation - Broad	95	32	22	38	13	51	-44.0	1,400	1,439	1,557
9D. Sealed Sources Safety Evaluation - Other	22		20	20	1	21	-1.0	720	720	779
TRANSPORTATION										

NUMBER OF LICENSES

License Fee Category	FY 1997							FY1996 Annual Fee (Round)	FY1996 Annual Fee (Exact)	FY1997 Annual Fee (Exact)
	FY 96	Transfer to Mass.	Billed at FY96 Fee	Total at FY96 Fee*	Billed at FY97 Fee	Total	Compared to FY96			
10.A.(1) Certificate of Compliance	N/A			0	N/A	0	0.0	N/A	N/A	0
10.B.(1) Approvals (Users and Fabricators)	48		27	27	14	41	-7.0	72,700	72,715	78,692
10.B.(2) Approvals (Users Only)	353		226	226	60	286	-67.0	950	945	1,023
OTHER LICENSES										
11. Standardized Spent Fuel Facilities	N/A			0	N/A	N/A		N/A	N/A	0
12. Special Projects	N/A			0	N/A	N/A		N/A	N/A	0
13.A. Spent Fuel Storage Certificate of Comp	N/A			0	N/A	N/A		N/A	N/A	0
13.B. Spent Fuel General License	1		2	2	1	3	2.0	260,900	260,921	282,370
14. Decommissioning/Possession-Only	N/A			0	N/A	N/A		N/A	0	0
15. Export/Import	N/A			0	N/A	N/A		N/A	0	0
16. Reciprocity	N/A			0	N/A	N/A		N/A	0	0
17. Master Maaterial License	2			0	2	2	0.0	388,400	388,361	420,286
18.A. DOE Transportation Activities	1			0	1	1	0.0	1,077,000	1,077,409	1,165,976
18.B. DOE UMTRCA Activities	1			0	1	1	0.0	1,812,000	1,811,913	1,960,859
TOTAL	6742.9	424.0	4479.0	4691.0	1686.2	6377.2	-365.7			

* The annual fee for licenses expected to be transferred to Massachusetts is estimated at 50 percent of the FY95 annual fee.

	DOLLARS IN MILLIONS		
	FY96	FY97	Change
TOTAL BUDGET (Less HLW & Non-Fee Funds)	\$462.3	\$462.3	\$0.0
LESS PART 170 FEES COLLECTIONS	114.5	96.0	-18.5
LESS OTHER RECEIPTS	6.0 *		-6.0
	=====	=====	
PART 171 FEE COLLECTIONS REQUIRED	\$341.8	\$366.3	
PART 171 BILLING ADJUSTMENTS			
SMALL ENTITY ALLOWANCE	4.9	5.0	0.1
UNPAID FY 97 PART 171 BILLS		3.0	3.0
PAYMENTS FROM PRIOR YEAR PART 171 BILLS		-2.0	-2.0
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TOTAL PART 171 BILLINGS	\$346.7	\$372.3	

			% Change To FY96 Annual Fee
CHANGE IN BUDGET	=	0.0 / 346.7 =	0.00%
CHANGE IN PART 170 FEES	=	-18.5 / 346.7 =	5.34%
CHANGE IN OTHER RECEIPTS	=	-6.0 / 346.7 =	1.73%
CHANGE IN PART 171 BILLING ADJUSTMENTS	=	1.1 / 346.7 =	0.32%

			7.4%
ADJUSTMENT FOR NO. OF LICENSES	=	-2.9 / 346.7 =	0.8%
			=====
TOTAL CHANGE			8.2%

* A \$6.0M overpayment from FY95 was available to reduce FY96 fees.

\$170.31 Schedule of fees for materials licenses and other regulatory services, including inspections, and import and export licenses.

Applicants for materials licenses, import and export licenses, and other regulatory services and holders of materials licenses, or import and export licenses shall pay fees for the following categories of services. This schedule includes fees for health and safety and safeguards inspections where applicable.

SCHEDULE OF MATERIALS FEES
(See footnotes at end of table)

<u>Category of materials licenses and type of fees^{1/}</u>	<u>Fee^{2/}</u>
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1. Special nuclear material:

A. Licenses for possession and use of 200

grams or more of plutonium in unsealed form or 350 grams or more of contained U-235 in unsealed form or 200 grams or more of U-233 in unsealed form. This includes applications to terminate licenses as well as licenses authorizing possession only:

License, Renewal, Amendment	Full Cost
Inspections	Full Cost

- B. Licenses for receipt and storage of spent fuel at an independent spent fuel storage installation (ISFSI):

License, Renewal, Amendment	Full Cost
Inspections	Full Cost

- C. Licenses for possession and use of special nuclear material in sealed sources contained in devices used in industrial measuring systems, including x-ray fluorescence analyzers:^{4/}

Application - New license	\$580
Amendment	\$390

- D. 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 this chapter, for which the licensee shall pay the same fees as those for Category 1A:^{4/}

Application - New license	\$780
Amendment	\$300

E. Licenses or certificates for construction and operation of a uranium enrichment facility.

Application	\$125,000
License, Renewal, Amendment . . .	Full Cost
Inspections	Full Cost

2. Source material:

A. (1) Licenses for possession and use of source material in recovery operations such as milling, in-situ leaching, heap-leaching, refining uranium mill concentrates to uranium hexafluoride, 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, as well as licenses authorizing the possession and maintenance of a facility in a standby mode:

License, Renewal, Amendment	Full Cost
Inspections	Full Cost

(2) Licenses that authorize the receipt of byproduct material, as defined in Section 11e(2) of the Atomic Energy Act, from other persons for possession and disposal except those licenses subject to fees in Category 2.A.(1).

License, renewal, amendment	Full Cost
Inspections	Full Cost

- (3) Licenses that authorize the receipt of byproduct material, as defined in Section 11e(2) of the Atomic Energy Act, from other persons for possession and disposal incidental to the disposal of the uranium waste tailings generated by the licensee's milling operations, except those licenses subject to the fees in Category 2.A.(1).

License, renewal, amendment	Full Cost
Inspections	Full Cost

- B. Licenses which authorize the possession, use and/or installation of source material for shielding:

Application - New license	\$130
Amendment	\$290

- C. All other source material licenses:

Application - New license	\$3,700
Amendment	\$580

3. Byproduct material:

- 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:

Application - New license	\$3,900
Amendment	\$550

- 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:

Application - New license	\$1,600
Amendment	\$580

- C. Licenses issued pursuant to §§32.72, 32.73, and/or 32.74 of this chapter authorizing the processing or manufacturing and distribution or redistribution of radiopharmaceuticals, generators, reagent kits and/or sources and devices containing byproduct material. This category does not apply to licenses issued to nonprofit educational institutions whose processing or manufacturing is exempt under 10 CFR 170.11(a)(4). These licenses are covered by fee Category 3D.

Application - New license	\$7,100
Amendment	\$650

- D. Licenses and approvals issued pursuant to §§32.72, 32.73, and/or 32.74 of this chapter authorizing distribution or redistribution of radiopharmaceuticals, generators, reagent kits and/or sources or devices not involving processing of byproduct material. This category includes licenses issued pursuant to §§32.72, 32.73, and/or 32.74 to nonprofit educational institutions whose processing or manufacturing is exempt under 10 CFR 170.11(a)(4).

Application - New license	\$2,000
Amendment	\$440

- E. Licenses for possession and use of byproduct material

in sealed sources for irradiation of materials in which the source is not removed from its shield (self-shielded units):

Application - New license	\$1,100
Amendment	\$390

- F. Licenses for possession and use of less than 10,000 curies of byproduct material in sealed sources for irradiation of materials in which the source is exposed for irradiation purposes. This category also includes underwater irradiators for irradiation of materials where the source is not exposed for irradiation purposes.

Application - New license	\$2,000
Amendment	\$450

- G. Licenses for possession and use of 10,000 curies or more of byproduct material in sealed sources for irradiation of materials in which the source is exposed for irradiation purposes. This category also includes underwater irradiators for irradiation of materials where the source is not exposed for irradiation purposes.

Application - New license	\$4,700
Amendment	\$760

- H. Licenses issued pursuant to Subpart A of Part 32 of this chapter to distribute items containing byproduct material that require device review to persons exempt from the licensing requirements of Part 30 of this chapter, except specific licenses authorizing redistribution of items that have been authorized for

distribution to persons exempt from the licensing requirements of Part 30 of this chapter:

Application - New license	\$2,800
Amendment	\$1,000

- I. Licenses issued pursuant to Subpart A of Part 32 of this chapter to distribute items containing byproduct material or quantities of byproduct material that do not require device evaluation to persons exempt from the licensing requirements of Part 30 of this chapter, except for specific licenses authorizing redistribution of items that have been authorized for distribution to persons exempt from the licensing requirements of Part 30 of this chapter:

Application - New license	\$4,500
Amendment	\$1,100

- J. Licenses issued pursuant to Subpart B of Part 32 of this chapter to distribute items containing byproduct material that require sealed source and/or device review to persons generally licensed under Part 31 of this chapter, except specific licenses authorizing redistribution of items that have been authorized for distribution to persons generally licensed under Part 31 of this chapter:

Application - New license	\$1,800
Amendment	\$310

- K. Licenses issued pursuant to Subpart B of Part 32 of this chapter to distribute items containing byproduct material or quantities of byproduct material that do not require sealed source and/or device review to

persons generally licensed under Part 31 of this chapter, except specific licenses authorizing redistribution of items that have been authorized for distribution to persons generally licensed under Part 31 of this chapter:

Application - New license	\$1,000
Amendment	\$350

- 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 that do not authorize commercial distribution:

Application - New license	\$5,600
Amendment	\$780

- M. Other licenses for possession and use of byproduct material issued pursuant to Part 30 of this chapter for research and development that do not authorize commercial distribution:

Application - New license	\$1,900
Amendment	\$640

- N. Licenses that authorize services for other licensees, except:

- (1) Licenses that authorize only calibration and/or leak testing services are subject to the fees specified in fee Category 3P; and
- (2) Licenses that authorize waste disposal services are subject to the fees specified in fee Categories 4A, 4B, and 4C:

Application - New license	\$2,100
Amendment	\$510

- O. Licenses for possession and use of byproduct material issued pursuant to Part 34 of this chapter for industrial radiography operations:

Application - New license	\$4,400
Amendment	\$700

- P. All other specific byproduct material licenses, except those in Categories 4A through 9D:

Application - New license	\$750
Amendment	\$350

4. Waste disposal and processing:

- A. Licenses specifically authorizing the receipt of waste byproduct material, source material, or special nuclear material from other persons for the purpose of contingency storage or commercial land disposal by the licensee; or licenses authorizing contingency storage of low-level radioactive waste at the site of nuclear power reactors; or licenses for receipt of waste from other persons for incineration or other treatment, packaging of resulting waste and residues, and transfer of packages to another person authorized to receive or dispose of waste material:

License, renewal, amendment . . .	Full Cost
Inspections	Full Cost

- 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	\$2,600
Amendment	\$540

- 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	\$2,300
Amendment	\$230

5. Well logging:

- A. Licenses for possession and 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	\$3,600
Amendment	\$850

- B. Licenses for possession and use of byproduct material for field flooding tracer studies:

License, renewal, amendment . . .	Full Cost
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6. Nuclear laundries:

- A. Licenses for commercial collection and laundry of items contaminated with byproduct material, source material, or special nuclear material:

Application - New license \$6,600
Amendment \$1,000

7. Medical licenses:

- A. Licenses issued pursuant to Parts 30, 35, 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 \$3,600
Amendment \$400

- 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 \$3,900
Amendment \$740

- 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 devices:

Application - New license	\$1,800
Amendment	\$460

8. Civil defense:

- A. Licenses for possession and use of byproduct material, source material, or special nuclear material for civil defense activities:

Application - New license	\$590
Amendment	\$410

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	\$3,700
Amendment - each device	\$610

- B. Safety evaluation of devices or products 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 devices:

Application - each device	\$2,200
Amendment - each device	\$1,100

- C. Safety evaluation of sealed sources containing byproduct material, source material, or special nuclear material, except reactor fuel, for commercial distribution:

Application - each source	\$940
Amendment - each source	\$630

- 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	\$480
Amendment - each source	\$160

10. Transportation of radioactive material:

- A. Evaluation of casks, packages, and shipping containers:

Approval, Renewal, Amendment	Full Cost
Inspections	Full Cost

- B. Evaluation of 10 CFR Part 71 quality assurance programs:

Application - Approval	\$350
Amendment	\$640
Inspections	Full Cost

11. Review of standardized spent fuel facilities:

Approval, Renewal, Amendment	Full Cost
Inspections	Full Cost

12. Special projects:^{2/}

Approvals and preapplication/ licensing activities	Full Cost
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Inspections Full Cost

13. A. Spent fuel storage cask Certificate of Compliance:

Approvals Full Cost

Amendments, revisions, and

supplements Full Cost

Reapproval Full Cost

B. Inspections related to spent fuel storage cask
Certificate of Compliance Full Cost

C. Inspections related to storage of spent fuel under
§72.210 of this chapter Full Cost

14. Byproduct, source, or special nuclear material licenses and
other approvals authorizing decommissioning,
decontamination, reclamation, or site restoration activities
pursuant to 10 CFR Parts 30, 40, 70, and 72 of this chapter:

Approval, Renewal, Amendment . . Full Cost

Inspections Full Cost

FY 1997
PART 170
DETERMINATION OF MATERIALS LICENSE FEES

<u>Categories</u>	<u>FY 1997 Professional Process Time (S/H)</u>	<u>FY 1997 Cost Per Staff Hour</u>	<u>FY 1997 Fees</u>
<u>Special Nuclear Material</u>			
<u>1C. Industrial Gauges</u>			
New License	4.6	\$125	\$580
Amendment	3.1	"	390
<u>1D. All Other SNM Material</u>			
New License	6.2	"	780
Amendment	2.4	"	300
<u>Source Material</u>			
<u>2B. Shielding</u>			
New License	1.0	"	130
Amendment	2.3	"	290
<u>2C. All Other Source Material</u>			
New License	29.4	"	3,700
Amendment	4.6	"	580
<u>Byproduct Material</u>			
<u>3A. Mfg-Broad Scope</u>			
New License	31.2	"	\$3,900
Amendment	4.4	"	550
<u>3B. MFG-Other</u>			
New License	12.5	"	1,600
Amendment	4.6	"	580

3C. Mfg/Dist-Radiopharmaceuticals

New License	56.6	\$125	\$7,100
Amendment	5.2	"	650

3D. Radiopharmaceuticals/No Process

New License	15.6	"	2,000
Amendment	3.5	"	440

3E. Irradiators/Self-Shield

New License	8.7	"	1,100
Amendment	3.1	"	390

3F. Irradiators 10,000 Ci

New License	15.6	"	\$2,000
Amendment	3.6	"	450

3G. Irradiators 10,000 Ci

New License	37.3	"	4,700
Amendment	6.1	"	760

3H. Exempt Dist./Device-Review

New License	22.4	"	2,800
Amendment	8.3	"	1,000

3I. Exempt Dist/No Device Rev.

New License	36.0	"	4,500
Amendment	8.4	"	1,100

3J. GL Dist/Device Rev.

New License	14.4	"	1,800
Amendment	2.5	"	310

3K. GL Dist/No Device Rev.

New License	8.3	"	\$1,000
Amendment	2.8	"	350

3L. R&D-Broad

New License	44.5	\$125	\$5,600
Amendment	6.3	"	780

3M. R&D-Other

New License	14.9	"	1,900
Amendment	5.1	"	640

3N. Service Lic.

New License	16.6	"	2,100
Amendment	4.1	"	510

3O. Radiography

New License	35.2	"	4,400
Amendment	5.6	"	700

3P. All Other Byproduct Material

New License	6.0	"	750
Amendment	2.8	"	350

4B. Waste Packaging

New License	21.0	"	2,600
Amendment	4.3	"	540

4C. Waste-Prepackaged

New License	18.0	"	2,300
Amendment	1.8	"	230

5A. Well Logging

New License	28.5	"	3,600
Amendment	6.8	"	850

6A. Nuclear Laundry

New License	53.1	"	6,600
Amendment	8.2	"	1,000

7A. Teletherapy

New License	29.1	\$125	\$3,600
Amendment	3.2	"	400

7B. Medical-Broad

New License	31.2	"	3,900
Amendment	5.9	"	740

7C. Doctors/Hospitals

New License	14.7	"	1,800
Amendment	3.7	"	460

8A. Civil Defense

New License	4.7	"	590
Amendment	3.3	"	410

9. Device, product or sealed source evaluation

9A. Device evaluation-commercial distribution

Application - each device	29.9	"	3,700
Amendment - each device	4.9	"	610

9B. Device evaluation - custom

Application - each device	17.5	"	2,200
Amendment - each device	9.0	"	1,100

9C. Sealed source evaluation - comm. dist.

Application - each device	7.5	"	940
Amendment - each device	5.0	"	630

9D. Sealed source evaluation - custom

Application - each device	3.8	"	480
Amendment - each device	1.3	"	160

10B. Evaluation - Part 71 QA program

Application - approval	2.8	\$125	\$350
Amendment	5.1	"	640