

**FY 2023
FINAL
FEE RULE
WORK PAPERS**

FY 2023 Final Fee Rule Work Papers

The supporting information to the FY 2023 Final Fee Rule is contained in the following work papers. The items identified in the Table of Contents are located behind a corresponding Tab. At the beginning of each Tab is a cross reference, if appropriate, to the location of the subject matter and Tables found within the Final Fee Rule Document. For example, a reference to **“Section II.”** is the supporting information for: **Section II. FY 202X Fee Collection A. Amendments to 10 CFR Part 170 1. Professional Hourly Rate.**

The complete outline of the FY 2023 Final Fee Rule showing the Section and Table titles is located immediately following the Table of Contents.

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Budget and Fee Recovery

Section II

Table I Table II

The NRC is issuing this FY 2023 final fee rule based on the Consolidated Appropriation Act of 2023 (Enacted). The proposed fee rule reflects a total budget authority in the amount of \$927.2 million, an increase of \$39.5 million from FY 2022. As explained in the proposed fee rule, certain portions of the NRC's total budget authority for the fiscal year are excluded from NEIMA's fee-recovery requirement under Section 102(b)(1)(B) of NEIMA. Based on the FY 2023 enacted budget, these exclusions total \$137.0 million, consisting of \$97.1 million for fee-relief activities; \$23.8 million for advanced reactor regulatory infrastructure activities; \$13.4 million for generic homeland security activities; \$1.2 million for waste incidental to reprocessing activities; and \$1.5 million for Inspector General services for the Defense Nuclear Facilities Safety Board.

Based on the 100 percent fee-recovery requirement, the NRC will have to recover approximately \$790.2 million in FY 2023 through 10 CFR Part 170 licensing and inspection fees and 10 CFR Part 171 annual fees. The amount required by law to be recovered through fees for FY 2023 would be \$33.5 million more than the amount estimated for recovery in FY 2022, an increase of 4.4 percent.

The FY 2023 fee recovery amount is increased by \$0.4 million to account for billing adjustments (i.e., for FY 2023 invoices that the NRC estimates will not be paid during the fiscal year, less payments received in FY 2023 for prior year invoices). This leaves approximately \$790.6 million to be billed as fees in FY 2023 through 10 CFR Part 170 licensing and inspection fees and 10 CFR Part 171 annual fees.

The NRC estimates that \$195.0 million would be recovered from 10 CFR Part 170 fees in FY 2023. This represents a decrease of \$3.8 million or approximately 1.9 percent as compared to the estimated 10 CFR Part 170 collections of \$198.8 million for FY 2022. The remaining \$595.6 million would be recovered through the 10 CFR Part 171 annual fees in FY 2023, which is an increase of \$41.6 million when compared to estimated 10 CFR Part 171 collections of \$554.0 million for FY 2022.

See Tab "Budget Authority (FY 2023)" for supplemental information on the distribution of budgeted FTE and contract dollars.

Budget and Fee Recovery
 FY 2023
 (\$ in Millions)
 (Individual dollar amounts may not add to totals due to rounding)

	FY 2023
NRC Budget Authority	\$927.2
Less Budget Authority for Excluded Activities	-\$137.0
Balance	\$790.2
Fee Recovery Rate for FY 2023	x 100
Total Amount to be Recovered For FY 2023	\$790.2
Amount to be Recovered Through Fees and Other Receipts	\$790.2
Estimated amount to be recovered through 10 CFR Part 170 fees and other receipts	-\$195.0
Estimated amount to be recovered through 10 CFR Part 171 annual fees	\$595.2
10 CFR Part 171 billing adjustments	\$0.4
Adjusted 10 CFR Part 171 annual fee collections required	\$595.6

Congressional Budget Justification FY 2023

Dollars in millions \$

	Enacted Budget
<u>Total Budget Authority for Salaries & Expenses and Office of the Inspector General:</u>	
Budget Authority	\$927,153
Less: Revenue from services and collections to be Recovered	\$790,153
Net Budget Appropriation	<u>\$137,000</u>

Excluded from Budget Authority Activities:

Generic Homeland Security	\$13,425
Advanced Reactors Regulatory Infrastructure	\$23,800
Waste Incidental to Reprocessing	\$1,178
Nuclear Waste Fund	\$0
Defense Nuclear Facilities Safety Board	\$1,520
*Fee Relief Activities Fully Costed	<u>\$97,077</u>

Net Budget Appropriation \$137,000

*Fee Relief Activities

International Activities	\$28,762
Agreement States Oversight	\$11,878
Medical Isotope Production Infrastructure	\$3,452
Costs not recovered from Small Entities	\$8,941
Regulatory Support to Agreement States	\$14,235
Fee Exemption for Non Profit Educational Institutions	\$13,543
Generic Decommissioning/ Reclamation	\$12,481
Uranium Recovery Program & Unregistered General Licensees	\$2,669
Potential Department of Defense remediation program	\$930
Non-Military Radium Sites	<u>\$186</u>

Fee Relief Activities @ fully costed rate \$97,077

10 CFR Part 170 Fees

Section II.A

10 CFR Part 170 Fees

Determination of Professional Hourly Rate

Section II.A.1

Table III

Final Professional Hourly Rate is \$300

The NRC's professional hourly rate is derived by adding budgeted resources for (1) mission-direct program salaries and benefits; (2) mission indirect-program support; and (3) agency support (corporate support and the Inspector General (IG)), then subtracting certain offsetting receipts and then dividing this total by mission direct full-time equivalents (FTE) converted to hours. The only budgeted resources excluded from the professional hourly rate are those for mission-direct contract activities.

The NRC has reviewed and analyzed actual time and labor data in the NRC's Human Resource Management System for the most recent completed fiscal year (FY 2022) to determine if the annual direct hours worked per direct FTE estimate requires updating for the FY 2023 fee rule. Based on this review using actual time and labor data, the NRC determined that 1,551 hours is the best estimate of direct hours worked annually per direct FTE. This estimate excludes all non-direct activities, such as annual leave, sick leave, holidays, training, and general administration tasks.

Definitions of Professional Hourly Rate Components

Mission-Direct Program Salaries and Benefits:

These resources are allocated to perform core work activities committed to fulfilling the agency's mission of protecting public health and safety, promoting the common defense and security, and protecting the environment. These resources include the majority of the resources assigned under the direct business lines (Operating Reactors, New Reactors, Fuel Facilities, Nuclear Materials Users, Decommissioning and Low-Level Waste, and Spent fuel Storage and Transportation) are core work activities considered mission-direct.

Mission-Indirect Program Support:

These resources support the core mission-direct activities. These resources include for example, supervisory and nonsupervisory support, and mission travel and training. Supervisory and nonsupervisory support, and mission travel and training resources assigned under direct business line structure, are considered mission-indirect due to their supporting role of the core mission activities.

Agency Support (Corporate Support and the IG):

These resources are located in executive, administrative, and other support offices such as the Office of the Commission, the Office of the Secretary, the Office of the Executive Director for Operations, the Offices of Congressional and Public Affairs, the Office of the Inspector General, the Office of Administration, the Office of the Chief Financial Officer, the Office of the Chief Information Officer, the Office of the Chief Human Capital Officer and the Office of Small Business and Civil Rights. These resources administer the corporate or shared efforts that more broadly support the activities of the agency. These resources also include information technology services, human capital services, financial management and administrative support.

Offsetting Receipts:

The fees collected by the NRC for the Freedom of Information Act (FOIA) and Indemnity (financial protection required of licensees for public liability claims of 10 CFR Part 140) are subtracted from the budgeted resources amount when calculating the 10 CFR Part 170 professional hourly rate per the guidance in OMB Circular A-25 "User Charges." The budgeted resources for FOIA activities are allocated under the product for information services within the Corporate Support business line. The indemnity activities are allocated under the licensing actions and the Research and Test Reactors products within the Operating Reactors business line.

Estimated Annual Mission Direct FTE Productive hours:

Also referred to as the productive hours assumption, reflects the average number of hours that a mission-direct employee spends on mission-direct work in a given year. This excludes hours charged to annual leave, sick leave, holidays, training and general administration tasks. The productive hours assumption is calculated using actual time and labor data in HRMS (minus support and supervisory staff).

Total hours in mission business lines				
Total hours in mission business lines + "Other Hours"	X	Total work hours in a year (2,087)	=	Productive Hours Assumption
2,304,986				
3,101,843	X	Total work hours in a year (2,087)	=	1,551

Elements of the formula are defined as follows:

- **Mission Business Lines.** The Operating Reactors, New Reactors, Nuclear Materials Users, Fuel Facilities, Spent Fuel Storage and Transportation, and Decommissioning and Low-level Waste Business Lines.
- **Hours in Mission Business Lines.** Hours charged to cost accountability codes for mission-direct work.
- **Other Hours.** Includes hours charged to annual leave, sick leave, holidays, etc., and hours charged to cost accountability codes for training and general administrative tasks.
- **Hours in a Work Year.** 2,087 hours is used to be consistent with OPM guidance on computing hourly rates of pay and the Consolidated Omnibus Budget Reconciliation Act of 1985 (Public Law 99-272, April 7, 1986).

DETERMINATION OF PROFESSIONAL HOURLY RATE
CALCULATION OF FTE RATES BY PROGRAM

This is for the purpose of converting FTE to \$.

PROGRAM		(1) Total FTE	(2) Total S&B(\$,K):	(2)/(1) FTE Rate (\$,K)
NUCLEAR REACTOR SAFETY	(Less Excluded Activities)	1,685	361,557	214,574
	Excluded Activities	68	15,524	226,963
NUCLEAR MATERIAL SAFETY	(Less Excluded Activities)	444	95,789	215,645
	Excluded Activities	20	4,859	242,950
CORPORATE SUPPORT		579	122,663	211,853
	Excluded Activities	-	-	-
INSPECTOR GENERAL	(Less Excluded Activities)	58	11,872	204,690
	TOTAL	<u>2,855</u>	<u>612,264</u>	

MISSION DIRECT RESOURCES

(in actual \$)	nonlabor	labor
NUCLEAR REACTOR SAFETY	\$87,419,300	\$281,949,698
NUCLEAR MATERIALS AND WASTE SAFETY	\$22,361,000	\$77,243,951
CORPORATE SUPPORT	\$0	\$0
TOTAL	<u>\$109,780,300</u>	<u>\$359,193,649</u>

PROGRAM SUPPORT (or MISSION
INDIRECT) RESOURCES

(in actual \$)	nonlabor	labor
NUCLEAR REACTOR SAFETY (BUDGET PROGRAM)	\$16,403,000	\$79,606,802
NUCLEAR MATERIALS AND WASTE SAFETY (BUDGET PROGRAM)	\$4,201,000	\$18,545,449
TOTAL	<u>\$20,604,000</u>	<u>\$98,152,251</u>

AGENCY SUPPORT (CORPORATE
SUPPORT & IG) RESOURCES

(in actual \$)	nonlabor	labor
TOTAL	\$164,965,000	\$134,534,800

TOTALS	Total (\$)
Direct Labor	\$359,193,649
Direct Nonlabor (excl. from hourly rates)	\$109,780,300
Indirect Program Support Labor	\$98,152,251
Indirect Program Support Nonlabor	\$20,604,000
Agency Support: Corporate & OIG Labor	\$134,534,800
Agency Support: Corporate & OIG NonLabor	\$164,965,000
TOTAL	<u>\$887,230,000</u>

DETERMINATION OF PROFESSIONAL HOURLY RATE CONTINUED

Total included in professional hourly rates:	% total	value
Mission-Direct Program Salaries & Benefits	46.20%	\$359,193,649
Mission-Indirect Program Support	15.28%	\$118,756,251
Agency Support: Corporate Support w/ Inspector General	38.52%	\$299,499,800
Total	100.00%	<u>\$777,449,700</u>
less offsetting receipts*		\$11,734
Total in professional hourly rate**		\$777,437,966
Mission-Direct FTE		1,672
FTE rate- Full Costed** ('Total' line divided by 'Mission Direct FTE')		\$464,926
Annual Mission-direct FTE productive hours		1,551
Mission-direct FTE converted to hours ('Mission Direct FTE' multiplied by 'Annual Mission direct FTE productive hours')		2,593,582
Professional Hourly rate** ('Total in professional hourly rates' divided by 'FTE converted to hours')		\$300

*Calculation of offsetting receipts	Total %	value
FOIA	\$11,734	100% \$11,734
INDEMNITY	\$0	100% \$0
TOTAL		<u>\$11,734</u>

**Since offsetting receipts can not be used to offset total fee collections, offsetting receipts are not subtracted from numerator for FTE rate. Per fee policy documents, we can subtract these receipts when calculating professional hourly rates.

	FY23		FY22		Difference	
	Contract (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	FTE
PROGRAM: NUCLEAR REACTOR SAFETY						
BUSINESS LINE: NEW REACTORS						
Travel						
International Activities Travel	0	0.0	300	0.0	(300)	0.0
Mission Travel	1,762	0.0	1,762	0.0	0	0.0
Support Staff						
Supervisory Staff	0	29.0	0	29.0	0	0.0
Admin Assistants	3	9.0	16	10.0	(13)	(1.0)
Non-Supervisory Staff	0	8.0	0	10.0	0	(2.0)
PROGRAM: NUCLEAR REACTOR SAFETY						
BUSINESS LINE: OPERATING REACTORS						
Travel						
International Activities Travel	756	0.0	756	0.0	0	0.0
Mission Travel	11,591	0.0	11,652	0.0	(61)	0.0
Recruitment & Staffing	0	8.0	0	8.0	0	0.0
Support Staff						
Supervisory Staff	0	174.5	0	175.0	0	(0.5)
Admin Assistants	592	83.5	852	84.0	(260)	(0.5)
Non-Supervisory Staff	1,699	59.0	976	57.0	723	2.0
Grand Total Nuclear Reactor Safety						
	16,403	371.0	16,314	373.0	89	(2.0)
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: FUEL FACILITIES						
Travel						
International Activities Travel	80	0.0	0	0.0	80	0.0
Mission Travel	662	0.0	658	0.0	4	0.0
Support Staff						
Supervisory Staff	0	10.0	0	10.0	0	0.0
Admin Assistants	1	2.0	1	2.0	0	0.0
Non-Supervisory Staff	0	2.0	0	2.0	0	0.0
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: NUCLEAR MATERIALS USERS						
Travel						
International Activities Travel	83	0.0	0	0.0	83	0.0
International Assistance Travel	332	0.0	332	0.0	0	0.0
Mission Travel	1,171	0.0	1,261	0.0	(90)	0.0
Support Staff						
Supervisory Staff	0	22.0	0	25.0	0	(3.0)
Admin Assistants	344	9.0	344	9.0	0	0.0
Non-Supervisory Staff	89	11.0	89	11.0	0	0.0
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE						
Travel						
Mission Travel	767	0.0	720	0.0	47	0.0
International Activities Travel	80	0.0	0	0.0	80	0.0
Support Staff						
Supervisory Staff	0	11.0	0	10.0	0	1.0
Admin Assistants	1	3.0	1	3.0	0	0.0
Non-Supervisory Staff	0	1.0	0	1.0	0	0.0
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION						
Oversight						
Travel						
Mission Travel	470	0.0	470	0.0	0	0.0

Mission Program Indirect Budgeted Resources for Professional Hourly Rate Calculation

	FY23		FY22		Difference	
	Contract (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	FTE
	-----	-----	-----	-----	-----	-----
International Activities Travel	120	0.0	0	0.0	120	0.0
Support Staff						
Supervisory Staff	0	11.0	0	11.0	0	0.0
Admin Assistants	1	2.0	1	2.0	0	0.0
Non-Supervisory Staff	0	2.0	0	2.0	0	0.0
Grand Total Nuclear Materials & Waste Safety	4,201	86	3,877	88	324	(2.0)
Total Mission Program Indirect Resources	20,604	457.0	20,191	461.0	413	(4.0)
Total value of Mission Program Indirect Resources (FY 23 \$20,604 contract funding + 457 FTE multiplied by S&B rates)	\$ 20,604	\$ 98,152	\$ 20,191	\$ 94,917	\$ 413	\$ 3,235

	FY23		FY22		Difference	
	Contract (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	FTE
CORPORATE SUPPORT						
BUSINESS LINE: CORPORATE SUPPORT						
Acquisitions						
Mission IT	2,360	2.0	1,760	2.1	600	(0.1)
Procurement Operations	546	39.0	233	40.0	313	(1.0)
Administrative Assistants	0	0.0	0	1.0	0	(1.0)
Supervisory Staff	0	5.0	0	5.0	0	0.0
Travel	8	0.0	8	0.0	0	0.0
Administrative Services						
Mission IT	1,320	2.0	1,323	2.0	(3)	0.0
Mission IT Infrastructure	146	0.0	143	0.0	3	0.0
Supervisory Staff	0	9.0	0	9.0	0	0.0
Support Services	4,572	19.0	4,763	19.0	(191)	0.0
Administrative Assistants	170	2.0	170	2.0	0	0.0
IT Infrastructure	0	1.0	90	1.0	(90)	0.0
Facility Management	6,648	12.0	5,500	12.0	1,148	0.0
Non-Supervisory Staff	15	5.0	15	5.0	0	0.0
Physical & Personnel Security	12,450	19.0	11,375	19.0	1,075	0.0
Corporate Travel	30	0.0	30	0.0	0	0.0
Rent & Utilities	30,346	1.0	33,753	1.0	(3,407)	0.0
Financial Management						
Mission IT	10,046	9.0	9,041	8.0	1,005	1.0
Corporate Rulemaking	0	2.0	0	2.0	0	0.0
Supervisory Staff	0	13.0	0	12.0	0	1.0
Budgeting	411	25.0	0	25.0	411	0.0
Administrative Assistants	0	2.0	88	2.0	(88)	0.0
Non-Supervisory Staff	261	2.0	285	2.0	(24)	0.0
Corporate Travel	19	0.0	19	0.0	0	0.0
Financial Services	2,772	21.0	2,541	21.0	231	0.0
Management controls	4	19.0	302	20.0	(298)	(1.0)
Human Resource Management						
Mission IT	1,473	4.0	1,258	4.0	215	0.0
Supervisory Staff	0	7.0	0	7.0	0	0.0
Non-Supervisory Staff	188	2.0	165	2.0	23	0.0
Administrative Assistants	0	1.0	0	1.0	0	0.0
Corporate Travel	87	0.0	87	0.0	0	0.0
Employee/Labor Relations	15	5.0	15	5.0	0	0.0
Policy Development & SWP	27	5.0	26	5.0	1	0.0
Recruitment & Staffing	820	15.0	820	15.0	0	0.0
Change of Station	6,120	0.0	6,006	0.0	114	0.0
Work Life Services	2,143	4.0	2,680	5.0	(537)	(1.0)
Information Technology						
IM Technologies	9,471	9	7,494	9	1,977	0.0
IT Infrastructure	48,507	55.0	44,340	55.0	4,167	0.0
IT Security	11,125	26.0	5,377	21.0	5,748	5.0
Information Services	1,834	12.0	2,054	13.0	(220)	(1.0)
Information Security	625	1.0	535	1.0	90	0.0
Supervisory Staff	0	17.0	0	17.0	0	0.0
Non-Supervisory Staff	0	5.0	0	5.0	0	0.0
Corporate Travel	48	0.0	48	0.0	0	0.0
Administrative Assistants	362	1.0	350	1.0	12	0.0
Content Management	752	5.0	752	5.0	0	0.0
IT Strategic Management	1,050	44.0	1,033	43.0	17	1.0
Outreach						
Small Business & Civil Rights	945	9.0	645	9.0	300	0.0
Supervisory Staff	0	2.0	0	2.0	0	0.0
Administrative Assistants	0	1.0	0	1.0	0	0.0
Non-Supervisory Staff	0	1.0	0	1.0	0	0.0
Mission IT	39	0.0	39	0.0	0	0.0
Corporate Travel	23	0.0	23	0.0	0	0.0
Policy Support						
Mission IT	775	0.0	697	0.0	78	0.0
International Policy Outreach	221	3.0	200	3.0	21	0.0
International Activities Travel	20	0.0	0	0.0	20	0.0

	FY23		FY22		Difference	
	Contract (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	FTE
Performance Management	0	1.0	0	1.0	0	0.0
Commission	70	32.0	70	35.0	0	(3.0)
Commission Appellate Adjudication	5	5.0	5	5.0	0	0.0
EDO Operations	0	8.0	0	8.0	0	0.0
Policy Outreach	1,230	33.0	1,142	34.0	88	(1.0)
Secretariat	0	16.0	0	16.0	0	0.0
Official Representation	30	0.0	30	0.0	0	0.0
Corporate Rulemaking	0	0.5	0	0.5	0	0.0
Supervisory Staff	0	12.5	0	12.5	0	0.0
Administrative Assistants	95	15.0	75	15.0	20	0.0
Non-Supervisory Staff	61	1.0	66	1.0	(5)	0.0
Corporate Travel	775	0.0	789	0.0	(14)	0.0
Training						
Mission IT	118	2.0	118	2.0	0	0.0
Training and Development	950	3.0	834	3.0	116	0.0
Organizational Development	42	2.0	42	2.0	0	0.0
Supervisory Staff	0	3.0	0	3.0	0	0.0
Administrative Assistants	6	1.0	6	1.0	0	0.0
IT Security	125	0.0	125	0.0	0	0.0
Non-Supervisory Staff	0	1.0	0	1.0	0	0.0
Corporate Travel	287	0.0	317	0.0	(30)	0.0
Total Agency Support (Corporate Support) Resources	162,588	579	149,702	580.1	12,886	(1.1)
Total value of Corporate Support Resources (FY22 \$162,588 contract funding + 579 FTE multiplied by S&B rate)	\$ 162,588	\$ 122,663	\$ 149,702	\$ 116,575	12,886	6088.2
Office of Inspector General	2,377	58.0	1,633	58.0	744	0.0
Total value of the Office of Inspector General Resources (\$2,377 contract funding + 58 FTE multiplied by S&B rate)	\$ 2,377	\$ 11,873	\$ 1,633	\$ 11,020	744.3	852.6
Total Agency Support (Corporate Support and the IG) Resources	\$ 164,965	\$ 134,535	\$ 151,335	\$ 127,595	13,630	6940.8

10 CFR Part 170 Fees

Specific Services

Section II.A.2

Flat application fees are calculated by multiplying the average professional staff hours needed to process the licensing actions by the Final professional hourly rate (\$300 for FY 2023). The agency estimates the average professional staff hours every other year as part of its biennial review of fees which was performed in FY 2023.

Full cost fees are determined based on the professional staff time and appropriate contractual support of services. The full cost fees for professional staff time will be determined at the professional hourly rate in effect the time the service was provided.

The NRC estimates the amount of 10 CFR Part 170 fees for each fee class based on established fee methodology guidelines (42 FR 22149; May 2, 1977), which specified that the NRC has the authority to recover the full cost of providing services to identifiable beneficiaries. The NRC uses these established guidelines to apply the most current financial data and workload projections by offices and divisions to calculate the 10 CFR Part 170 fee estimates. Current financial data includes: 1) four quarters of the most recent billing data (professional hourly rate invoice data); 2) actual contractual work charged (prior period data) to develop contract work estimates; and 3) the number of FTE hours charged, multiplied by the NRC professional hourly rate.

**DETERMINATION OF MATERIALS PART 170 APPLICATION FEES
and Average Inspection Costs **
FY 2023**

FY2023 Professional Hourly Rate
\$300

Materials Part 170 Fee

Category	FY 2023 Estimated Professional Process Time (Hours)*	FY 2023 Fee/Cost (Professional Time x FY 2022 Professional Hourly Rate)	FY 2023 Fee/Cost (Rounded)
1. Special Nuclear Material			
1C. Industrial Gauges			
Inspection Costs**	7.7	\$2,308	\$2,300
New License	4.6	\$1,379	\$1,400
1D. All Other SNM Material, less critical mass			
Inspection Costs**	28.8	\$8,633	\$8,600
New License	9.3	\$2,788	\$2,800
2. Source Material			
2B. Shielding			
Inspection Costs**	10	\$2,998	\$3,000
New License	4.4	\$1,319	\$1,300
2C. Exempt Distribution/SM			
Inspection Costs**	27.9	\$8,363	\$8,400
New License	21.4	\$6,415	\$6,400
2D. General License Distribution			
Inspection Costs**	15.6	\$4,676	\$4,700
New License	9.9	\$2,968	\$3,000
2E. Manufacturing Distribution			
Inspection Costs**	15.6	\$4,676	\$4,700
New License	9.5	\$2,848	\$2,800
2F. All Other Source Material			
Inspection Costs**	32.1	\$9,622	\$9,600
New License	9.5	\$2,848	\$2,800
3. Byproduct Material			
3A. Mfg-Broad Scope			
Inspection Costs**	78.3	\$23,471	\$23,500
New License	46.8	\$14,029	\$14,000
3. Byproduct Material			
3A1. Mfg-Broad Scope			
Inspection Costs**	104.4	\$31,294	\$31,300
New License	62.2	\$18,645	\$18,600
3. Byproduct Material			
3A2. Mfg-Broad Scope			
Inspection Costs**	130.5	\$39,118	\$39,100
New License	77.7	\$23,291	\$23,300

**DETERMINATION OF MATERIALS PART 170 APPLICATION FEES
and Average Inspection Costs **
FY 2023**

FY2023 Professional Hourly Rate
\$300

Materials Part 170 Fee

Category	FY 2023 Estimated Professional Process Time	FY 2023 Fee/Cost (Professional Time x FY 2022 Professional Hourly Rate)	FY 2023 Fee/Cost (Rounded)
3B. Mfg-Other			
Inspection Costs**	31.1	\$9,322	\$9,300
New License	12.9	\$3,867	\$3,900
3B1. Mfg-Other (sites 6-19)			
Inspection Costs**	41.4	\$12,410	\$12,400
New License	17.2	\$5,156	\$5,200
3B2. Mfg-Other (sites 20 or more)			
Inspection Costs**	51.8	\$15,527	\$15,500
New License	21.4	\$6,415	\$6,400
3C. Mfg/Distribution Radiopharmaceuticals			
Inspection Costs**	26.6	\$7,973	\$8,000
New License	18.7	\$5,605	\$5,600
3C1. Mfg/Distribution Radiopharmaceuticals			
Inspection Costs**	35.5	\$10,641	\$10,600
New License	24.9	\$7,464	\$7,500
3C2. Mfg/Distribution Radiopharmaceuticals			
Inspection Costs**	44.4	\$13,309	\$13,300
New License	31.0	\$9,292	\$9,300
3D. Distribution Radiopharmaceuticals/No Process			
Inspection Costs**	0	\$0	\$0
New License	0	\$0	\$0
3E. Irradiators/Self-Shielded			
Inspection Costs**	39.2	\$11,750	\$11,800
New License	11.5	\$3,447	\$3,400
3F. Irradiators < 10,000 Ci			
Inspection Costs**	15.7	\$4,706	\$4,700
New License	23.4	\$7,014	\$7,000
3G. Irradiators => 10,000 Ci			
Inspection Costs**	31.4	\$9,412	\$9,400
New License	223.2	\$66,905	\$66,900
3H. Exempt Distribution/Device Review			
Inspection Costs**	16.6	\$4,976	\$5,000
New License	23.9	\$7,164	\$7,200
3I. Exempt Distribution/No Device Review			
Inspection Costs**	17.5	\$5,246	\$5,200
New License	36.8	\$11,031	\$11,000

**DETERMINATION OF MATERIALS PART 170 APPLICATION FEES
and Average Inspection Costs **
FY 2023**

FY2023 Professional Hourly Rate
\$300

Materials Part 170 Fee

Category	FY 2023 Estimated Professional Process Time	FY 2023 Fee/Cost (Professional Time x FY 2022 Professional Hourly Rate)	FY 2023 Fee/Cost (Rounded)
3J. General License Distribution/Device Review			
Inspection Costs**	10.5	\$3,147	\$3,100
New License	7.2	\$2,158	\$2,200
3K. General License Distribution/No Device Review			
Inspection Costs**	10.4	\$3,117	\$3,100
New License	4.1	\$1,229	\$1,200
3L. R&D-Broad			
Inspection Costs**	39.1	\$11,720	\$11,700
New License	19.7	\$5,905	\$5,900
3L1 R&D-Broad			
Inspection Costs**	52.1	\$15,617	\$15,600
New License	26.2	\$7,854	\$7,900
3L2 R&D-Broad			
Inspection Costs**	65.2	\$19,544	\$19,500
New License	32.7	\$9,802	\$9,800
3M. R&D-Other			
Inspection Costs**	31.7	\$9,502	\$9,500
New License	29.8	\$8,933	\$8,900
3N. Service License			
Inspection Costs**	28.9	\$8,663	\$8,700
New License	32	\$9,592	\$9,600
3O. Radiography			
Inspection Costs**	30.4	\$9,113	\$9,100
New License	36.4	\$10,911	\$10,900
3O1. Radiography			
Inspection Costs**	40.6	\$12,170	\$12,200
New License	48.3	\$14,478	\$14,500
3O2. Radiography			
Inspection Costs**	50.7	\$15,198	\$15,200
New License	60.6	\$18,165	\$18,200
3P. All Other Byproduct Material			
Inspection Costs**	24.1	\$7,224	\$7,200
New License	24.7	\$7,404	\$7,400
3P1. All Other Byproduct Material			
Inspection Costs**	32.2	\$9,652	\$9,700
New License	33.0	\$9,892	\$9,900

**DETERMINATION OF MATERIALS PART 170 APPLICATION FEES
and Average Inspection Costs **
FY 2023**

FY2023 Professional Hourly Rate
\$300

Materials Part 170 Fee

Category	FY 2023 Estimated Professional Process Time	FY 2023 Fee/Cost (Professional Time x FY 2022 Professional Hourly Rate)	FY 2023 Fee/Cost (Rounded)
3P2. All Other Byproduct Material			
Inspection Costs**	40.2	\$12,050	\$12,100
New License	41.2	\$12,350	\$12,300
3R1. Radium-226 (less than or equal to 10x limits in 31.12)			
Inspection Costs**	24.2	\$7,254	\$7,300
New License	9.2	\$2,758	\$2,800
3R2. Radium-226 (more than 10x limits in 31.12)			
Inspection Costs**	16.2	\$4,856	\$4,900
New License	9	\$2,698	\$2,700
3S. Accelerator Produced Radionuclides			
Inspection Costs**	30.3	\$9,083	\$9,100
New License	51.1	\$15,317	\$15,300
4B. Waste Packaging			
Inspection Costs**	21	\$6,295	\$6,300
New License	24.9	\$7,464	\$7,500
4C. Waste-Prepackaged			
Inspection Costs**	14.2	\$4,257	\$4,300
New License	18	\$5,396	\$5,400
5. Well Logging			
5A. Well Logging			
Inspection Costs**	30.1	\$9,023	\$9,000
New License	16.5	\$4,946	\$4,900
6. Nuclear Laundries			
6A. Nuclear Laundry			
Inspection Costs**	21.7	\$6,505	\$6,500
New License	79.7	\$23,890	\$23,900
7. Human Use			
7A. Teletherapy			
Inspection Costs**	89.4	\$26,798	\$26,800
New License	40	\$11,990	\$12,000
7. Human Use			
7A1. Teletherapy			
Inspection Costs**	119.2	\$35,731	\$35,700
New License	53.2	\$15,947	\$15,900
7. Human Use			

**DETERMINATION OF MATERIALS PART 170 APPLICATION FEES
and Average Inspection Costs **
FY 2023**

**FY2023 Professional Hourly Rate
\$300**

Materials Part 170 Fee

Category	FY 2023 Estimated Professional Process Time	FY 2023 Fee/Cost (Professional Time x FY 2022 Professional Hourly Rate)	FY 2023 Fee/Cost (Rounded)
7A2. Teletherapy			
Inspection Costs**	149.0	\$44,663	\$44,700
New License	66.4	\$19,904	\$19,900
7B. Medical-Broad			
Inspection Costs**	84	\$25,179	\$25,200
New License	31.2	\$9,352	\$9,400
7B1. Medical-Broad			
Inspection Costs**	112.0	\$33,573	\$33,600
New License	41.5	\$12,439	\$12,400
7B2. Medical-Broad			
Inspection Costs**	140.0	\$41,966	\$42,000
New License	51.8	\$15,525	\$15,500
7C. Medical-Other			
Inspection Costs**	23.7	\$7,104	\$7,100
New License	34.1	\$10,222	\$10,200
7C1. Medical-Other			
Inspection Costs**	31.6	\$9,472	\$9,500
New License	45.5	\$13,639	\$13,600
7C2. Medical-Other			
Inspection Costs**	42.2	\$12,650	\$12,600
New License	56.8	\$17,026	\$17,000
8. Civil Defense			
8A. Civil Defense			
Inspection Costs**	24.2	\$7,254	\$7,300
New License	9.2	\$2,758	\$2,800
9. Device, product or sealed source evaluation			
9A. Device evaluation-commercial distribution			
Application - each device	73.2	\$21,942	\$21,900
9B. Device evaluation - custom			
Application - each device	32.4	\$9,712	\$9,700
9C. Sealed source evaluation - commercial distribution			
Application - each source	19	\$5,695	\$5,700
9D. Sealed source evaluation - custom			
Application - each source	3.8	\$1,139	\$1,100
10. Transportation			

**DETERMINATION OF MATERIALS PART 170 APPLICATION FEES
and Average Inspection Costs **
FY 2023**

**FY2023 Professional Hourly Rate
\$300**

Materials Part 170 Fee

Category	FY 2023 Estimated Professional Process Time	FY 2023 Fee/Cost (Professional Time x FY 2022 Professional Hourly Rate)	FY 2023 Fee/Cost (Rounded)
10B. Evaluation - Part 71 QA program			
Application - approval	14	\$4,197	\$4,200
17. Master Materials License¹			
Inspection Costs**	476.4	\$142,803	\$142,800
New License	565	\$169,361	\$169,400

NOTES:

Rounding: <\$1000 rounded to nearest \$10,
=or>\$1000 and <\$100,000 rounded to nearest \$100,
=or>\$100,000 rounded to nearest \$1,000

* hours based on FY 2023 Biennial Review

** Inspection costs are used in computation of the Annual fees for the category

¹ Beginning with FY 2011 fee rule, the Master Materials License Part 170 application fee was eliminated. Per FSME's recommendation in their Biennial Review, the fee for a new MML license will be fully costed based on the hours spent on reviewing a new application.

10 CFR Part 170 Fees

Export and Import Fees

Section II.A.2

Note: Based upon the FY 2022 CBJ excluded international activities from the fee-recoverable budget for FY 2022 and future years, import and export licensing actions (see fee categories K.1. through K.5. of § 170.21 and fee categories 15.A. through 15.R. of § 170.31) were not charged fees as of October 1, 2021.

FY 2023 MISSION DIRECT BUDGETED RESOURCES				
Includes Fee Relief Resources				
			IMPORT/EXPORT	
	TOTAL		ALLOCATIONS	
	CONTRACT		CONTRACT	
	\$,K	FTE	\$,K	FTE
	-----	-----	-----	-----
NUCLEAR REACTOR SAFETY	103,822.3	1,685.0	0.0	0.0
NUCLEAR MATERIALS & WASTE SAFETY	26,562.0	444.2	0.0	0.0
CORPORATE	162,588.0	579.0	0.0	0.0
INSPECTOR GENERAL(no DNSFB)	2,377.0	58.0		
SUBTOTAL - FEE BASE RESOURCE	295,349.3	2,766.2	0.0	0.0
Figures below in \$, M (unless otherwise indicated)				
(1) FY 2023 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown below)				0.00
(2) LESS ESTIMATED 10 CFR PART 170 FEE COLLECTIONS				0.00
(3) ALLOCATIONS (equals 1 - 2)				0.00
(4) GENERIC TRANSPORTATION RESOURCES (allocated)				
(5) NET 10 CFR PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4)				0.00
(6) FY 2023 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5)				0.00
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity)				0.00%
(8) LLW Surcharge				
(9) LLW Surcharge per licensee				
(10) 10 CFR Part 171 billing adjustments				0.00
(11) Adjustments:				0.00
(12) TOTAL FY 2023 ANNUAL FEE (equals 5+8+10+11)				0.00
(13) Number of Licensees				
(14) Fee Per License (equals 12/13)				
				different for different categories of licenses; see other worksheets
unrounded annual fee amount per license, actual \$				
rounded annual fee, actual \$				
FTE FULLY COSTED RATE (average based on budget data, actual \$): See Determination of Hourly Rate for calculations				464,926

**Mission Direct Budgeted Resources Allocated to
Import-Export Fee Class**

	FY23		FY22		Difference	
	Contract (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	FTE
PROGRAM: NUCLEAR REACTOR SAFETY						
BUSINESS LINE: OPERATING REACTORS						
<i>PRODUCT LINE/PRODUCTS:</i>						
International Activities						
Licensing Import/Export	0	0.0	0	0.0	0	0.0
Total Direct Resources	0	0.0	0	0.0	0	0.0
Grand Total Nuclear Reactor Safety	0	0.0	0	0.0	0	0.0
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: FUEL FACILITIES						
<i>PRODUCT LINE/PRODUCTS:</i>						
International Activities						
Licensing Import/Export	0	0.0	0	0.0	0	0.0
Total Direct Resources	0	0.0	0	0.0	0	0.0
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: NUCLEAR MATERIALS USERS						
<i>PRODUCT LINE/PRODUCTS:</i>						
International Activities						
Licensing Import/Export	0	0.0	0	0.0	0	0.0
Total Direct Resources	0	0.0	0	0.0	0	0.0
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE						
<i>PRODUCT LINE/PRODUCTS:</i>						
Total Direct Resources	0	0.0	0	0.0	0	0.0
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION						
<i>PRODUCT LINE/PRODUCTS:</i>						
Total Direct Resources	0	0.0	0	0.0	0	0.0
Grand Total Nuclear Materials & Waste Safety	0	0.0	0	0.0	0	0.0
TOTAL	0	0.0	0	0.0	0	0.0
Total value of budgeted resources for fee class (mission direct FTE x full cost of FTE + mission direct contract \$)	\$0		\$0		\$0	

**DETERMINATION OF MATERIALS PART 170 APPLICATION FEES
and Average Inspection Costs **
FY 2023**

FY2023 Professional Hourly Rate
\$300

Materials Part 170 Fee

Category	FY 2023 Estimated Professional Process Time	FY 2023 Fee/Cost (Professional Time x FY 2022 Professional Hourly Rate)	FY 2023 Fee/Cost (Rounded)
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**DETERMINATION OF EXPORT AND IMPORT PART 170 FEES
FY 2023**

FY 2023 Professional Hourly Rate = \$300

Export and Import Part 170 Fees

Category	FY 2023 Estimated Professional Process Time	FY 2023 Fee/Cost (Professional Time x FY 2023 Professional Hourly Rate)	FY 2023 Fee/Cost (Rounded)
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(Hours)*

**10 CFR 170.21, Category K
Subcategory**

1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0

**10 CFR 170.31, Category 15
Subcategory**

A	0	0	0
B	0	0	0
C	0	0	0
D	0	0	0
E	0	0	0
F	0	0	0
G	0	0	0
H	0	0	0
I	0	0	0
J	0	0	0
K	0	0	0
L	0	0	0
M	0	0	0
N	0	0	0
O	0	0	0
P	0	0	0
Q	0	0	0
R	0	0	0

NOTES:

The application fees and amendment fees are the same for each subcategory because, per discussion with IP representatives, the processing time is the same for a new license or an amendment to the license.

Rounding: <\$1000 rounded to nearest \$10,
=or>\$1000 and <\$100,000 rounded to nearest \$100,
=or>\$100,000 rounded to nearest \$1,000

* In accordance with the Commission's substantive fee policy decision for FY 2022, fees will not be assessed for import and exporting licensing activities (see fee categories K.1. through K.5. of § 170.21 and fee categories 15.A. through 15.R. of § 170.31) under this proposed rule.

10 CFR Part 170 Fees

Reciprocity Fees - Agreement State Licensees

Section II.A.2

The application fee for Agreement State licensees who conduct activities under the reciprocity provisions of 10 CFR 150.20 is determined using FYs 2017 through 2021 data and the FY 2023 professional hourly rate. The FYs 2017-2021 reciprocity fee data was provided as part of the FY 2023 biennial review of fees.

**DETERMINATION OF MATERIALS PART 170 APPLICATION FEES
and Average Inspection Costs **
FY 2023**

**FY2023 Professional Hourly Rate
\$300**

Materials Part 170 Fee

Category	FY 2023 Estimated Professional Process Time	FY 2023 Fee/Cost (Professional Time x FY 2022 Professional Hourly Rate)
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**DETERMINATION OF RECIPROCITY PART 170 FEES
FY 2023**

NOTES:

The reciprocity application and revision fees are determined using FYs 2017-2021 data*, and the FY 2023 professional hourly rate.
The reciprocity application fee includes average costs for inspections, average costs for processing initial filings of NRC Form 241, and average costs for processing changes to the initial filings of NRC Form 241.

FY 2023 Professional Hourly Rate: \$300

Average inspection costs: Reciprocity Part 170 Fee	Avg Inspection Costs (Avg. no. of hours for insp. x professional hourly rate) Rounded	Total Amount
Fee Category 16		

Inspection (Average hours 34.4)		\$10,300
Number of Inspections Conducted for FY17-21	130	
	<u>0</u>	
Total	130	
Average for the 5 years	32.5	\$334,750
Initial 241s (Average hours of inspection 2.3)		\$700
Number of Completions for FY17-21	846	
	<u>0</u>	
Total	846	
Average for the 5 years	211.5	\$148,050
Revised 241s (Average hours of inspection 0.5)		\$100
Number of Completions for FY17-21	6209	
	<u>0</u>	
Total	6209	
Average for the 5 years	1552.25	\$155,225

APPLICATION FEE:

Amount for inspections [Cost/Initial 241]	\$1,583
Amount for initial filing of NRC Form 241 [Cost/Initial 241]	\$700
Amount for revisions to initial filing of NRC Form 241 [Cost/Initial 241]	\$734
Total Application Fee	\$3,017
Application Fee Rounded	\$3,000

* data based on FY 2023 Biennial Review

10 CFR Part 170 Fees

General License Registration Fees

Section II.A.2

This fee under byproduct material is for registration of a device(s) generally licensed under 10 CFR Part 31.

**DETERMINATION OF MATERIALS PART 170 APPLICATION FEES
and Average Inspection Costs **
FY 2023**

**FY2023 Professional Hourly Rate
\$300**

Materials Part 170 Fee

Category	FY 2023 Estimated Professional Process Time	FY 2023 Fee/Cost (Professional Time x FY 2022 Professional Hourly Rate)
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**DETERMINATION OF GENERAL LICENSE REGISTRATION FEE , FY 2023
(FEE CATEGORY 3Q)**

	<u>Total</u> <u>GL Resources</u>	<u>% Supporting</u> <u>Registrable GLs</u>	<u>Total Supporting</u> <u>Registrable GLs</u>
<u>NMSS GL Program</u>			
budgeted FTE			
	Regions		0.00
	HQ		0.10
budgeted contract \$			
	Regions		\$0
	HQ		\$211,000
full cost of FTE	\$464,926		\$464,926
Total budgeted resources, NMSS GL Program (equals full cost of FTE + contract \$)			\$257,493
Less: portion of budgeted resources associated w/fee exempt GLs (nonprofit educational)			\$8,755
net to be recovered			\$248,738
fee assuming 516 registrable GLs			\$482.05
fee, rounded			\$500

Data based on the NRC budget documents and the 10/22 email (NMSS GL program).

Fees Collected for Prior Year

As part of the NRC's fees transformation, beginning with the FY 2019 final fee rule work papers, we have compared the FY 2022 actual 10 CFR Part 170 and Part 171 percentage of total collections with the estimated 10 CFR Part 170 and Part 171 percentage of total collections.

FEES COLLECTED FOR PRIOR YEAR

Fee Class	FY 2022 Actual Part 170-User Fees % of Total Collections for the Fee Class	FY 2022 Actual Part 171-Annual Fees % of Total Collections for the Fee Class	FY 2021 Actual Part 170-User Fees % of Total Collections for the Fee Class	FY 2021 Actual Part 171-Annual Fees % of Total Collections for the Fee Class
Fee Relief Activities	100%	0%	100%	0%
Operating Power Reactors	25%	75%	25%	75%
Fuel Facilities	36%	64%	30%	70%
Spent Fuel Storage/Reactor Decommissioning	31%	69%	34%	66%
NonPower Production or Utilization Facilities	97%	3%	86%	14%
Uranium recovery	69%	31%	66%	34%
Materials users	3%	97%	3%	97%
Rare Earth	100%	0%	100%	0%
Transportation	70%	30%	61%	39%
Export and Import Fees	0%	0%	100%	0%
Total	26%	74%	26%	74%

NRC will report fees collected for the prior fiscal year, by fee class, beginning with the FY 2018 final fee rule workpapers. Each fee class data includes distribution of fees collected as user fees (10 CFR Part 170) and annual fees (10 CFR Part 171).

10 CFR Part 171 Annual Fees

Section II.B

10 CFR Part 171 Annual Fees

Application of LLW Surcharge

Section II.B.1

Table IV

Separately, the NRC has continued to allocate the low-level waste (LLW) surcharge based on the volume of LLW disposal of three classes of licensees, operating reactors, fuel facilities, and materials users.

**Mission Direct Budgeted Resources Allocated to
Generic Low Level Waste Surcharge Category**

	FY23		FY22		Difference	
	Contract (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	FTE
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE						
<i>PRODUCT LINE/PRODUCTS:</i>						
Oversight						
LLW Regulation & Oversight	262	4.7	300	5.7	(38)	(1.0)
Rulemaking						
Rulemaking	88	3.2	50	3.2	38	0.0
Total Direct Resources	350	7.9	350	8.9	0	(1.0)
Grand Total Nuclear Materials & Waste Safety	350	7.9	350	8.9	0	(1.0)
TOTAL GENERIC LOW LEVEL WASTE	350	7.9	350	8.9	0	(1.0)
Total value of budgeted resources for fee class(mission direct FTE x full cost of FTE + mission direct contract \$)	\$4,023		\$4,250		(\$228)	

Low-Level Waste Surcharge Update for FY 2023 Final Fee Rule

1. Percentages to allocate remainder of Generic Low-Level Waste resources to Power Reactors, Fuel Facilities, and Materials

DOE's Manifest Information Management System (MIMS) database was used to determine a 5-year average (Calendar Years 2018 – 2022) based on the DOE MIMS Class. The following were the results as of 03/13/2023:

Power Reactor:	73.3%
Fuel Facilities:	8.8%
Materials:	17.9%

87% of the Materials portion from the above distribution is allocated to Oversight of Agreement States (AS) off-fee base category. This results in the following distribution:

Power Reactor:	73.3%
Fuel Facilities:	8.8%
Materials (NRC):	2.3%
<i>Materials (AS):</i>	<i>15.6% *Allocate to Oversight of AS Fee Relief Category</i>

To adjust the above Power Reactor, Fuel Facilities, and Materials (NRC) percentages, the percentages are divided by the total of the remainder after the AS portions were removed (100% - 15.6% = 84.4%).

Power Reactor	73.3%/84.4% = 86.9%
Fuel Facilities	8.8%/84.4% = 10.4%
Materials (NRC)	2.3%/84.4% = 2.7%

10 CFR Part 171 Annual Fees

Operating Power Reactors

Section II.B.2.a

Table VI

The budgeted costs to be recovered through annual fees to power reactors are divided equally among the 93 power reactors licensed to operate. This results in a FY 2023 annual fee of \$5,492,000 per reactor. Additionally, each power reactor licensed to operate would be assessed the FY 2023 spent fuel storage/reactor decommissioning annual fee of \$261,000. This results in a total FY 2023 annual fee of \$5,753,000 for each power reactor licensed to operate.

Note: The NRC amended its licensing, inspection, and annual fee regulations to establish a variable annual fee structure for light-water small modular reactors (SMR) on May 24, 2016. Under the variable annual fee structure, an SMR's annual fee would be calculated as a function of its licensed thermal power rating. This fee methodology complies with OMB circular A-25 user fees and NEIMA. Currently, there are no operating SMRs; therefore, the NRC will not establish an annual fee in FY 2023 for this type of licensee.

FY 2023 MISSION DIRECT BUDGETED RESOURCES				
Includes Fee Relief Resources				
	TOTAL		POWER REACTORS ALLOCATIONS	
	CONTRACT		CONTRACT	
	\$,K	FTE	\$,K	FTE
	-----	-----	-----	-----
NUCLEAR REACTOR SAFETY	103,822.3	1,685.0	86,631.0	1243.4
NUCLEAR MATERIALS & WASTE SAFETY	26,562.0	444.2	5.0	1.3
CORPORATE	162,588.0	579.0	0.0	0.0
INSPECTOR GENERAL(no DNSFB)	2,377.0	58.0		
SUBTOTAL - FEE BASE RESOURCE	295,349.3	2,766.2	86,636.0	1244.7
Figures below in \$, M (unless otherwise indicated)				
(1) FY 2023 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown below)				665.3
(2) LESS ESTIMATED 10 CFR PART 170 FEE COLLECTIONS				158.9
(3) ALLOCATIONS (equals 1 - 2)				506.4
(4) GENERIC TRANSPORTATION RESOURCES (allocated)				0.5
(5) NET 10 CFR PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4)				506.9
(6) FY 2023 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5)				665.8
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity)				0.9
(8) LLW Surcharge				3.5
(9) LLW Surcharge per licensee				0.0
(10) 10 CFR Part 171 billing adjustments				0.3
(11) Adjustments:				0.0
(12) TOTAL FY 2023 ANNUAL FEE (equals 5+8+10+11)				510.7
(13) Number of Licensees				93.0
(14) Fee Per License (equals 12/13)				5.5
unrounded annual fee amount per license, actual \$				5,491,707
rounded annual fee, actual \$				5,492,000
FTE FULLY COSTED RATE (average based on budget data, actual \$): See Determination of Hourly Rate for calculations			464,926	

**Mission Direct Budgeted Resources Allocated to
Power Reactors Fee Class**

	FY23		FY22		Difference	
	Contract (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	FTE
PROGRAM: NUCLEAR REACTOR SAFETY						
BUSINESS LINE: NEW REACTORS						
<i>PRODUCT LINE/PRODUCTS:</i>						
Licensing						
Combined Licenses	150	10.6	830	36.9	(680)	(26.3)
Design Certification	188	17.2	337	11.2	(149)	6.0
EDO Operations	0	1.0	0	1.0	0	0.0
IT Infrastructure	1,441	2.0	1,409	2.0	32	0.0
Licensing Actions	50	3.5	50	8.5	0	(5.0)
Licensing Support	1,702	24.8	1,120	24.0	582	0.8
Mission IT	1,772	3.1	2,079	3.0	(307)	0.1
Part 50	43	1.0	10	12.2	33	(11.2)
Operator Licensing	0	0.0	0	2.5	0	(2.5)
Policy Advice & Outreach	0	1.0	0	1.0	0	0.0
Pre-Application Reviews	1,250	53.0	650	34.7	600	18.3
Oversight						
Allegations & Investigations	0	1.9	0	5.9	0	(4.0)
Construction Inspection	0	12.0	0	15.0	0	(3.0)
Emergency Preparedness	0	0.5	171	1.0	(171)	(0.5)
Enforcement	16	3.0	16	2.0	0	1.0
Security	203	0.7	238	3.0	(35)	(2.3)
Vendor Inspection	40	0.5	40	0.0	0	0.5
Research						
New Reactors Research	3,641	11.0	2,349	7.0	1,292	4.0
Rulemaking (PL)						
Rulemaking	536	6.3	500	6.1	36	0.2
Rulemaking Support	0	2.5	0	0.9	0	1.6
Training						
Mission Training	678	7.0	613	7.0	65	0.0
Mission IT	66	0.0	65	0.0	1	0.0
Organizational Development	21	0.0	20	0.0	1	0.0
Entry Level Hiring	0	5.0	0	7.0	0	(2.0)
Total Direct Resources	11,797	167.6	10,497	191.9	1,300	(24.3)
PROGRAM: NUCLEAR REACTOR SAFETY						
BUSINESS LINE: OPERATING REACTORS						
<i>PRODUCT LINE/PRODUCTS:</i>						
Event Response						
Mission IT/Infrastructure	6,792	14.0	6,514	15.0	278	(1.0)
Response Operations	125	20.0	125	20.0	0	0.0
Response Program	0	16.5	0	16.0	0	0.5
Licensing						
EDO Operations	0	4.0	0	4.0	0	0.0
Emergency Preparedness	0	3.7	0	4.0	0	(0.3)
License Renewal	2,837	58.3	660	52.0	2,177	6.3
Licensing Actions	1,461	129.0	1,199	135.7	262	(6.7)
Licensing Support	2,425	90.8	3,027	91.5	(602)	(0.7)
Mission IT/Infrastructure	1,024	0.0	756	0.0	268	0.0
Operator Licensing	100	40.6	255	40.7	(155)	(0.1)
Policy Outreach	0	3.0	0	3.0	0	0.0
Research & Test Reactors	0	7.0	210	5.1	(210)	1.9
RIC	800	1.0	800	1.0	0	0.0
Security	175	6.9	100	13.0	75	(6.1)
Oversight						
Allegations & Investigations	25	42.3	25	42.4	0	(0.1)
Emergency Preparedness	0	19.6	0	20.0	0	(0.4)
Enforcement	118	15.9	118	16.2	0	(0.3)
Event Evaluation	0	27.9	0	28.1	0	(0.2)
Fukushima NTTF	0	0.0	0	0.0	0	0.0
Inspection	630	305.6	897	310.1	(267)	(4.5)
Information Services	1,912	0.0	1,656	0.0	256	0.0
IT Infrastructure	7,241	1.0	7,087	2.0	154	(1.0)
Mission IT	9,599	4.0	9,672	4.0	(73)	0.0
Security	4,519	59.2	3,519	54.6	1,000	4.6
Vendor Inspection	0	9.7	0	9.8	0	(0.1)

**Mission Direct Budgeted Resources Allocated to
Power Reactors Fee Class**

	FY23		FY22		Difference	
	Contract (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	FTE
Research						
Aging & Materials Research	5,237	17.3	5,580	17.0	(343)	0.3
Evaluation and Evidence	150	7.0	0	4.0	150	3.0
Engineering Research	2,870	21.9	4,120	24.0	(1,250)	(2.1)
Mission IT	3,445	3.0	2,707	3.0	738	0.0
Mission IT Infrastructure	0	0.0	418	0.0	(418)	0.0
Reactor Research Support	1,000	11.0	500	9.0	500	2.0
Risk Analysis	11,300	45.3	10,682	48.0	618	(2.7)
Systems Analysis Research	6,442	16.5	6,250	21.0	192	(4.5)
Rulemaking (PL)						
Rulemaking	100	18.2	100	18.6	0	(0.4)
Rulemaking Support	300	11.8	300	13.0	0	(1.2)
Training						
Entry Level Hiring	0	18.0	0	20.0	0	(2.0)
Organizational Development	105	0.0	105	0.0	0	0.0
Mission IT	398	0.0	474	1.0	(76)	(1.0)
Mission Training	3,704	25.8	3,634	25.8	70	0.0
Total Direct Resources	74,834	1075.8	71,490	1,092.6	3,344	(16.8)
Grand Total Nuclear Reactor Safety	86,631	1243.4	81,987	1,284.5	4,644	(41.1)
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: NUCLEAR MATERIALS USERS						
<i>PRODUCT LINE/PRODUCTS:</i>						
Oversight						
Inspection	5	0.0	6	0.0	(1)	0.0
State, Tribal and Federal Programs						
Liaison	0	1.1	0	0.8	0	0.3
Training						
Mission Training	0	0.2	0	0.2	0	0.0
Total Direct Resources	5	1.3	6	1.0	(1)	0.3
Grand Total Nuclear Materials & Waste Safety	5.0	1.3	6.0	1.0	(1)	0.3
TOTAL POWER REACTORS	86,636	1,244.7	81,993	1,285.5	4,643	(40.8)
Total value of budgeted resources for fee class (mission direct FTE x full cost of FTE + mission direct contract \$)	665,329		645,365		\$19,965	

The budgetary resources allocated to Power Reactors Fee Class from Nuclear Materials & Waste Safety Program include (but are not limited to) activities pertaining to analysis, data collection, fuel safety, modeling future strategies for disposal of spent fuel and high level waste and monitoring developments in the evolving national waste management strategy. In addition to state liaison, tribal program activities, dosimeter costs and materials training widely attended by all agency staff including inspectors benefitting numerous facets of the agency's mission.

OPERATING POWER REACTOR ANNUAL FEE
FY 2023

NUMBER OF POWER REACTORS LICENSED TO OPERATE:
(by Nuclear Steam System Supplier & Design Type)

Westinghouse	47
General Electric	31
Combustion Engineering	10
Babcock & Wilcox	<u>5</u>
TOTAL REACTORS	93

DETERMINATION OF ANNUAL FEE:

TOTAL BUDGETED COSTS FOR OPERATING POWER REACTORS (PRIOR TO 10 CFR PART 170 & OTHER ADJUSTMENTS)	\$665,329,722
ANNUAL FEE PER REACTOR (rounded) (BUDGETED COSTS DIVIDED BY 93 OPERATING POWER REACTORS)	\$ 5,492,000
PLUS SPENT FUEL STORAGE/ REACTOR DECOMMISSIONING ANNUAL FEE	\$261,000
TOTAL ANNUAL FEE PER LICENSE	\$ 5,753,000

Consumer Price Index* Trend Analysis

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Average	Operating Reactor Annual Fee Based on CPI in Accordance with NEIMA**
2014	1.6	1.1	1.5	2.0	2.1	2.1	2.0	1.7	1.7	1.7	1.3	0.8	1.6	\$5,223,000
2015	-0.1	0.0	-0.1	-0.2	0.0	0.1	0.2	0.2	0.0	0.2	0.5	0.7	0.1	\$4,807,000
2016	1.4	1.0	0.9	1.1	1.0	1.0	0.8	1.1	1.5	1.6	1.7	2.1	1.3	\$4,869,491
2017	2.5	2.7	2.4	2.2	1.9	1.6	1.7	1.9	2.2	2.0	2.2	2.1	2.1	\$4,971,750
2018	2.1	2.2	2.4	2.5	2.8	2.9	2.9	2.7	2.3	2.5	2.2	1.9	2.5	\$5,096,044
2019	1.6	1.5	1.9	2.0	1.8	1.6	1.8	1.7	1.7	1.8	2.1	2.3	1.8	\$5,187,773
2020	2.5	2.3	1.5	0.3	0.1	0.6	1.0	1.3	1.4	1.2	1.2	1.4	1.2	\$5,250,026
2021	1.4	1.7	2.6	4.2	5.0	5.4	5.4	5.3	5.4	6.2	6.8	7.0	4.7	\$5,496,777
2022	7.5	7.9	8.5	8.3	8.6	9.1	8.5	8.3	8.2	7.7	7.1	6.5	8.0	\$5,936,520
Average	2.3	2.3	2.4	2.5	2.6	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.6	

*Consumer Price Index (CPI-U) data is provided by the U.S. Department of Labor Bureau of Labor Statistic.

**Changes in the annual fees are based on the Consumer Price Index starting in fiscal year 2016.

Reconciliation of Operating & New Reactor Business Line vs. Fee Class

(Dollars in thousands)

Reactor Business Lines (CBJ)

	Contract \$	FTE
Product Lines		
Event Response	6,917.0	49.0
Generic Homeland Security	0.0	7.0
International Activities	365.0	25.5
Licensing	13,698.0	530.4
Oversight	24,802.0	497.5
Rulemaking	2,350.0	60.5
Research	41,285.0	168.5
Mission Support/Supervisors	2,294.0	368.0
State/Tribal/Federal Programs	0.0	0.0
Training	5,179.0	57.0
Travel	14,004.0	0.0
	<u>\$ 110,894.0</u>	<u>1,763.4</u>

FTE rate \$213,500 times 1450.1 FTEs; \$220,820 times 227.8 FTEs; \$222,730 times 25.5 FTEs; \$236,910 times 59 FTEs (includes Salaries & Benefits only)

\$ 379,777.3

Total Business Line Budget (BL) \$ 110,894.0 \$ 379,777.3 = \$ 490,671.3

Power Reactor Fee Class (Final Fee Rule)

Deductions from BL resources

Event Response ⁵	-	-
Generic Homeland Security ¹	-	(7.0)
International Activities ¹	(365.0)	(25.5)
Licensing ^{3, 5}	-	(68.9)
Oversight ³	(469.0)	
Research	(7,200.0)	(37.0)
Rulemaking ³	(1,414.0)	(21.7)
Mission Support/Supervisors ²	(2,294.0)	(368.0)
Training ³	(207.0)	(1.2)
Travel ²	(14,004.0)	0.0
	<u>(\$25,953.0)</u>	<u>(529.3)</u>

Increases from Other resources

Licensing ⁵	1690.0	1.5
Oversight ^{4, 5}	5.0	6.3
Event Response ⁵	0.0	1.5
Rulemaking ⁴	0.0	0.0
State/Tribal/Federal Programs ⁴	0.0	1.1
Training ⁴	0.0	0.2
	<u>\$1,695.0</u>	<u>10.6</u>

BL resources w/ fee rule allocations \$ 86,636.0 1,244.7

FTE fully costed rate \$464.926 times 1,285.5 FTEs (includes Salaries, Benefits, indirect resources& agency support)

\$ 578,693.4

Total Fee Class Budget \$ 86,636.0 \$ 578,693.4 = \$ 665,329.39

Variances \$ (24,258.0) (519) \$ 198,916.1 \$ 174,658.1

Notes:

Deductions include: Exclusion Items ¹, Indirect resources ², resources allocated to other fee classes/fee relief categories ³ and Appropriation changes ⁵

Increases include: resources allocated from other Business Lines ⁴ (i.e., Nuclear Materials and Decommissioning/LLW)

10 CFR Part 171 Annual Fees

Spent Fuel Storage/Reactor Decommissioning

Section II.B.2.b

Table VII

For FY 2023, budgeted costs of approximately \$32.1 million for spent fuel storage/reactor decommissioning are to be recovered through annual fees assessed to part 50 power reactor licensees, and to part 72 licensees who do not hold a part 50 license. Those reactor licensees that have ceased operations and have no fuel onsite are not subject to these annual fees. The required annual fee recovery amount is divided equally among 123 licensees, resulting in a FY 2023 annual fee of \$261,000 per licensee.

FY 2023 MISSION DIRECT BUDGETED RESOURCES				
Includes Fee Relief Resources				SPENT FUEL STORAGE/ REACTOR DECOMM. ALLOCATIONS
		TOTAL		
		CONTRACT		CONTRACT
		\$,K	FTE	\$,K
		-----	-----	-----
NUCLEAR REACTOR SAFETY		103,822.3	1,685.0	159.0
NUCLEAR MATERIALS & WASTE SAFETY		26,562.0	444.2	4,477.0
CORPORATE		162,588.0	579.0	0.0
INSPECTOR GENERAL(no DNSFB)		2,377.0	58.0	
SUBTOTAL - FEE BASE RESOURCE		295,349.3	2,766.2	4,636.0
Figures below in \$, M (unless otherwise indicated)				
(1) FY 2023 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown below)				42.9
(2) LESS ESTIMATED 10 CFR PART 170 FEE COLLECTIONS				12.4
(3) ALLOCATIONS (equals 1 - 2)				30.5
(4) GENERIC TRANSPORTATION RESOURCES (allocated)				1.6
(5) NET 10 CFR PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4)				32.1
(6) FY 2023 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5)				44.5
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity)				5.69%
(8) LLW Surcharge				0.0
(9) LLW Surcharge per licensee				
(10) 10 CFR Part 171 billing adjustments				0.0
(11) Adjustments:				0.0
(12) TOTAL FY 2023 ANNUAL FEE (equals 5+8+10+11)				32.124
(13) Number of Licensees				123
(14) Fee Per License (equals 12/13)				0.261
unrounded annual fee amount per license, actual \$				261,173
rounded annual fee, actual \$				261,000
FTE FULLY COSTED RATE (average based on budget data, actual \$): See Determination of Hourly Rate for calculations		464,926		

**Mission Direct Budgeted Resources Allocated to
Spent Fuel Storage/Reactor Decommissioning Fee Class**

	FY23		FY22		Difference	
	Contract (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	FTE
PROGRAM: NUCLEAR REACTOR SAFETY						
BUSINESS LINE: NEW REACTORS						
<i>PRODUCT LINE/PRODUCTS:</i>						
Oversight						
Allegations & Investigations	0	0.1	0	0.1	0	0.0
Total Direct Resources	0	0.1	0	0.1	0	0.0
PROGRAM: NUCLEAR REACTOR SAFETY						
BUSINESS LINE: OPERATING REACTORS						
<i>PRODUCT LINE/PRODUCTS:</i>						
Oversight						
Allegations & Investigations	0	0.1	0	0.1	0	0.0
Enforcement	1	0.1	1	0.1	0	0.0
Rulemaking						
Rulemaking (PL)	0	0.0	0	0.2	0	(0.2)
Training						
Mission Training	158	0.0	2	0.0	156	0.0
Mission IT	0	0.0	11	0.0	(11)	0.0
Total Direct Resources	159.0	0.2	14	0.4	145	(0.2)
Grand Total Nuclear Reactor Safety	159.0	0.3	14.0	0.5	145	(0.2)
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: NUCLEAR MATERIALS USERS						
<i>PRODUCT LINE/PRODUCTS:</i>						
Licensing						
Mission IT	300	0.0	0	0.5	300	(0.5)
EDO Operations	0	0.5	0	0.0	0	0.5
Oversight						
Enforcement	2	0.8	2	0.8	0	0.0
Inspection	5	0.0	6	0.0	(1)	0.0
Training						
Mission Training	0	0.2	0	0.2	0	0.0
Total Direct Resources	307.0	1.5	8.0	1.5	299	0.0
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE						
<i>PRODUCT LINE/PRODUCTS:</i>						
Licensing						
Decommissioning Licensing Actions	550	7.8	398	4.9	152	2.9
Mission IT	95	0.0	93	0.0	2	0.0
IT Infrastructure	358	0.0	358	0.0	0	0.0
Policy Advice & Outreach	0	0.5	0	0.5	0	0.0
Oversight						
Inspection	0	9.8	0	7.4	0	2.4
Training						
Mission Training	246	0.0	184	1.0	62	(1.0)
Total Direct Resources	1,249	18.1	1,033	13.8	216	4.3
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION						
<i>PRODUCT LINE/PRODUCTS:</i>						
Licensing						
Environmental Reviews	75	2.0	0	1.0	75	1.0
Licensing Actions	10	1.5	10	1.5	0	0.0
Licensing Support	150	10.4	0	10.4	150	0.0
Mission IT/Infrastructure	163	0.0	533	0.0	(370)	0.0
Policy Outreach	0	2.0	0	1.0	0	1.0
Security	0	4.0	0	3.5	0	0.5
Storage Licensing	440	20.0	300	21.0	140	(1.0)
Oversight						
Allegations and Investigations	0	0.2	0	0.2	0	0.0
Enforcement	0	1.0	0	1.0	0	0.0
Security	0	2.0	0	2.0	0	0.0
Inspection	0	12.9	0	13.2	0	(0.3)
Research						
Waste Research	1,475	3.4	3,213	4.0	(1,738)	(0.6)
Rulemaking						
Rulemaking (PL)	0	1.8	0	3.0	0	(1.2)
Rulemaking Support	400	0.2	400	0.5	0	(0.3)

**Mission Direct Budgeted Resources Allocated to
Spent Fuel Storage/Reactor Decommissioning Fee Class**

	FY23		FY22		Difference	
	Contract (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	FTE
Training						
Mission Training	202	0.0	204	0.0	(2)	0.0
Organizational Development	6	0.0	14	0.0	(8)	0.0
Entry Level Hiring	0	1.0	0	1.0	0	0.0
Total Direct Resources	2,921.0	62.4	4,674	63.3	(1,753)	(0.9)
Grand Total Nuclear Materials & Waste Safety	4,636.0	82.3	5,715.0	78.6	(1,079)	3.7
TOTAL SPENT FUEL STORAGE & REACTOR DECOMM.	4,636.0	82.3	5,729	79.1	(1,093)	3.2
Total value of budgeted resources for fee class(mission direct FTE x full cost of FTE + mission direct contract \$)	\$42,899		\$40,395		\$2,505	

SPENT FUEL STORAGE/REACTOR DECOMMISSIONING
ANNUAL FEE
FY 2023

LICENSES SUBJECT TO THE ANNUAL FEE:

Operating Power Reactor Licensees: 93

Power Reactors in Decommissioning or Possession Only Status with Fuel Onsite

Reactor	Docket No.
Big Rock Point	50-155
Indian Point, Unit 1	50-003
Dresden, Unit 1	50-010
Haddam Neck	50-213
Humboldt	50-133
La Crosse	50-409
Maine Yankee	50-309
Millstone 1	50-245
Rancho Seco	50-312
San Onofre, Unit 1	50-206
Yankee Rowe	50-029
Zion 1	50-295
Zion 2	50-304
Crystal River 3	50-302
Kewaunee	50-305
San Onofre, Unit 2	50-361
San Onofre, Unit 3	50-362
Vermont Yankee	50-271
Fort Calhoun	50-285
Oyster Creek	50-219
Pilgrim	50-293
Three Mile Island	50-289
Indian Point Unit 2	50-247
Indian Point Unit 3	50-286
Duane Arnold	50-331
Palisades	50-255

Total No. of Reactors in decommissioning or possession only status with fuel onsite: 26

Part 72 Licensees without a Part 50 License

Ft. St. Vrain	72-009
GE Morris	72-001
Foster Wheeler Environmental Corp.	72-025
Trojan	72-017

Total Part 72 licenses: 4

The annual fee is determined by dividing the total budgeted costs of approximately \$32.1 million by the total number of licensees (123). This results in an annual fee (rounded) of \$261,000 per license.

**Reconciliation of Spent Fuel Storage/
Transportation Business Line vs. Fee Class**
(Dollars in thousands)

	Spent Fuel Storage/ Transportation Business Line (CBJ)	
	Contract \$	FTE
Product Lines		
Event Response	0.0	0.0
Generic Homeland Security	0.0	0.0
International Activities	0.0	1.5
Licensing	2,235.0	57.5
Oversight	0.0	17.7
Research	1,475.0	3.4
Rulemaking	400.0	2.0
Mission Support/Supervisors	1.0	15.0
State/Tribal/Federal Programs	0.0	0.0
Training	321.0	2.0
Travel	590.0	0.0
	\$ 5,022.0	99.1

FTE rate \$222,730 times 99.1 FTEs
(includes Salaries & Benefits only)

\$ 22,072.5

Total Business Line Budget (BL)

\$ 5,022.0

\$ 22,072.5 =

\$ 27,094.5

**Spent Fuel Storage/ Reactor
Decommissioning
Fee Class (Final Fee Rule)**

Deductions from BL resources

Event Response ³	0.0	0.0
Generic Homeland Security ¹	0.0	0.0
International Activities ¹	0.0	(1.5)
Licensing ³	(1,397.0)	(17.6)
Oversight ³	0.0	(1.6)
Mission Support/Supervisors ²	(1.0)	(15.0)
Research ³	0.0	0.0
Rulemaking ³	0.0	0.0
State/Tribal/Federal Programs ³	0.0	0.0
Training ³	(113.0)	(1.0)
Travel ²	(590.0)	0.0
	(\$2,101.0)	(36.7)

Increases from Other resources

International Activities ⁴	0.0	0.0
Licensing ⁴	1303.0	8.8
Oversight ⁴	8.0	10.9
Rulemaking ⁴	0.0	0.0
Training ⁴	404.0	0.2
	1715.0	19.9

BL resources w/ fee rule allocations

\$ 4,636.0

82.3

FTE fully costed rate \$464.926 times 85.6 FTEs
(includes Salaries, Benefits, indirect resources & agency support)

\$ 38,263.4

Total Fee Class Budget

\$ 4,636.0

\$ 38,263.4 =

\$ 42,899.41

Variances

\$ (386.0)

(16.8)

\$ 16,190.9

\$ 15,804.9

Notes:

Deductions include: Exclusion Items ¹, Indirect resources ², resources allocated to other fee classes/fee relief categories ³ and Carryover/Appropriation reductions ⁵

Increases include: resources allocated from other Business Lines ⁴
(i.e. Nuclear Materials and Decommissioning/LLW)

10 CFR Part 171 Annual Fees

Fuel Facilities

Section II.B.2.c

Table VIII

Table IX

Table X

The FY 2023 budgeted cost to be recovered in the annual fees assessment to the fuel facility class of licenses [which includes licensees in fee categories 1.A.(1)(a), 1.A.(1)(b), 1.A.(2)(a), 1.A.(2)(b), 1.A.(2)(c), 1.E., and 2.A.(1), under §171.16] is approximately \$19.7 million. This value is based on the full cost of budgeted resources associated with all activities that support this fee class, which is reduced by estimated 10 CFR Part 170 collections and adjusted for allocated generic transportation resources, and the low-level waste surcharge.

FY 2023 MISSION DIRECT BUDGETED RESOURCES				
Includes Fee Relief Resources				
	TOTAL		FUEL FACILITY ALLOCATIONS	
	CONTRACT		CONTRACT	
	\$,K	FTE	\$,K	FTE
	-----	-----	-----	-----
NUCLEAR REACTOR SAFETY	103,822.3	1,685.0	5.0	0.0
NUCLEAR MATERIALS & WASTE SAFETY	26,562.0	444.2	2,167.0	52.5
CORPORATE	162,588.0	579.0	0.0	0.0
INSPECTOR GENERAL(no DNSFB)	2,377.0	58.0		
SUBTOTAL - FEE BASE RESOURCE	295,349.3	2,766.2	2,172.0	52.5
Figures below in \$, M (unless otherwise indicated)				
(1) FY 2023 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown below)				26.6
(2) LESS ESTIMATED 10 CFR PART 170 FEE COLLECTIONS				9.2
(3) ALLOCATIONS (equals 1 - 2)				17.4
(4) GENERIC TRANSPORTATION RESOURCES (allocated)				1.9
(5) NET 10 CFR PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4)				19.3
(6) FY 2023 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5)				28.5
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity)				3.65%
(8) LLW Surcharge				0.42
(9) LLW Surcharge per licensee				
(10) 10 CFR Part 171 billing adjustments				0.01
(11) Adjustments:				0.0
(12) TOTAL FY 2023 ANNUAL FEE (equals 5+8+10+11)				19.7
(13) Number of Licensees				
(14) Fee Per License (equals 12/13)				different for different categories of licenses; see other worksheets
unrounded annual fee amount per license, actual \$				
rounded annual fee, actual \$				
FTE FULLY COSTED RATE (average based on budget data, actual \$):				
See Determination of Hourly Rate for calculations				
	464,926			

**Mission Direct Budgeted Resources for
Fuel Facilities Fee Class**

	FY23		FY22		Difference	
	Contract (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	FTE
PROGRAM: NUCLEAR REACTOR SAFETY						
BUSINESS LINE: OPERATING REACTORS						
<i>PRODUCT LINE/PRODUCTS:</i>						
Training						
Mission IT	5	0.0	14	0.0	(9)	0.0
Total Direct Resources	5	0.0	14	0.0	(9)	0.0
Grand Total Nuclear Reactor Safety	5.0	0.0	14	0.0	(9)	0.0
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: FUEL FACILITIES						
<i>PRODUCT LINE/PRODUCTS:</i>						
Event Response						
Response Operations	45	2.0	30	2.0	15	0.0
Licensing						
Licensing Actions	1,400	20.7	850	18.3	550	2.4
Policy Outreach	0	0.0	0	0.0	0	0.0
Security	0	2.1	0	0.8	0	1.3
Oversight						
Allegations & Investigations	0	1.0	0	1.0	0	0.0
Enforcement	10	1.8	10	1.8	0	0.0
Inspection	0	17.7	0	17.2	0	0.5
IT Infrastructure	387	0.0	417	0.0	(30)	0.0
Mission IT	37	0.0	0	0.0	37	0.0
Security	50	4.5	150	4.5	(100)	0.0
Rulemaking (PL)						
Rulemaking	0	1.0	0	0.0	0	1.0
Training						
Mission Training	211	0.0	180	0.0	31	0.0
Mission IT	18	0.0	10	0.0	8	0.0
Organizational Development	5	0.0	5	0.0	0	0.0
Entry Level Hiring	0	1.0	0	1.0	0	0.0
Total Direct Resources	2,163.0	51.8	1,652	46.6	511	5.2
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: NUCLEAR MATERIALS USERS						
<i>PRODUCT LINE/PRODUCTS:</i>						
Oversight						
Inspection	4	0.0	5	0.0	(1)	0.0
State Tribal and Federal Programs						
Liaison	0	0.5	0	0.4	0	0.1
Training						
Mission Training	0	0.2	0	0.2	0	0.0
Total Direct Resources	4.0	0.7	5.0	0.6	(1)	0.1
Grand Total Nuclear Materials & Waste Safety	2,172.0	52.5	1,657.0	47.2	515	5.3
TOTAL FUEL FACILITY	2,172.0	52.5	1,671	47.2	501	5.3
Total value of budgeted resources for fee class(mission direct FTE x full cost of FTE + mission direct contract \$)	26,581		22,356		\$4,224	

**FUEL FACILITY ANNUAL FEES
FY 2023**

10 CFR Part 171 Amount	\$19,269,257
Less Billing Adjustment	14,588
Less Recission Adjustment	0
TOTAL	<u>\$19,283,845</u>

	<u>SAFETY</u>	<u>SAFEGUARDS</u>	<u>TOTAL</u>	<u>LLW</u>	<u>TOTAL ANNUAL FEE</u>
Allocation of 10 CFR Part 171 Amount to Safety/Safeguards	\$10,656,862	\$8,626,983	\$19,283,845	\$418,383	\$19,702,229

		<u>EFFORT FACTORS</u>					
		<u>Safety</u>		<u>Safeguards</u>		<u>Total</u>	
<u>FEE CATEGORY</u>	<u>NUMBER OF LICENSES</u>		%		%		%
1A(1)(a) SSNM (HEU)	2	88	46.6%	91	59.5%	179	52.3%
1A(1)(b) SNM (LEU)	3	70	37.0%	21	13.7%	91	26.6%
1A(2)(a) LIMITED OPS (Paducah)	1	3	1.6%	11	7.2%	14	4.1%
1A(2)(b) OTHERS (Gas centrifuge enrichment demonstration)	0	0	0.0%	0	0.0%	0	0.0%
1A(2)(c) OTHERS (hot cell facility)	0	0	0.0%	0	0.0%	0	0.0%
1E ENRICHMENT	1	16	8.5%	23	15.0%	39	11.4%
2A(1) UF6 (Honeywell)	1	12	6.3%	7	4.6%	19	5.6%
TOTAL	<u>8</u>	<u>189</u>	100.0%	<u>153</u>	100%	<u>342</u>	100%
		% of total	55.3%	44.7%			

<u>ALLOCATION to CATEGORY</u>						(5)	
<u>Fee Category</u>		(1)	(2)	(3)	(4)	TOTAL ANNUAL FEE PER LICENSE	FY 2023 Annual Fee Rounded
1A(1)(a) SSNM (HEU)	2	\$4,961,925	\$5,131,082	\$10,093,007	\$218,978	\$5,155,993	\$5,156,000
1A(1)(b) SNM (LEU)	3	3,946,986	1,184,096	5,131,082	\$111,324	\$1,747,469	\$1,747,000
1A(2)(a) LIMITED OPS (Paducah)	1	169,157	620,241	789,397	\$17,127	\$806,524	\$807,000
1A(2)(b) OTHERS (Gas centrifuge enrichment demonstration)	0	0	0	0	\$0	\$0	\$0
1A(2)(c) OTHERS (hot cell facility)	0	0	0	0	\$0	\$0	\$0
1E ENRICHMENT	1	902,168	1,296,867	2,199,035	\$47,710	\$2,246,745	\$2,247,000
2A(1) UF6 (Honeywell)	1	676,626	394,699	1,071,325	\$23,244	\$1,094,568	\$1,095,000
	<u>8</u>	<u>\$10,656,862</u>	<u>\$8,626,983</u>	<u>\$19,283,845</u>	<u>\$418,383</u>		

Cols 1 and 2=budgeted amounts x percent of total effort factor

Col 3 = Col 1 + Col 2

Col 4 = Low Level Waste surcharge x percent of total effort factor

Col 5 = Col 3 + Col 4 + Col 5 / number of licensees

**NRC FUEL CYCLE FACILITIES
FY 2023 ANNUAL FEES - EFFORT FACTOR MATRIX**

CATEGORY	LICENSEE	DOCKET	FEE CATEGORY	PROCESSES																				SUBTOTALS		TOTAL	NOTE	
				SOLID		ENRICHMENT		LIQUID		HEU DOWN		CONVERSION		ROD/		SCRAP/		HOT CELL		SENSITIVE								
				UF6/METAL	UF6	S	SG	S	SG	S	SG	S	SG	S	SG	S	SG	S	SG	S	SG	S	SG					
Fuel Fabrication (HEU)	BWXT (SNM-42)	-	70-00027	1A(1)(a)	10	10	0	0	0	0	5	5	5	5	10	5	5	5	10	5	1	1	1	10	47	46	93	
	NFS (SNM-124)	-	70-00143	1A(1)(a)	10	10	0	0	0	0	10	10	10	10	0	0	0	0	10	5	0	0	1	10	41	45	86	
Uranium Enrichment	LES (SNM-2010)	NOTE	70-03103	1E	5	1	5	10	1	1	0	0	0	0	0	0	0	0	5	1	0	0	0	10	16	23	39	
Fuel Fabrication (LEU)	Global Nuclear Fuels (SNM-1097)	-	70-01113	1A(1)(b)	5	1	1	0	1	1	0	0	5	1	5	1	1	1	5	1	0	0	1	1	24	7	31	
	Framatome (SNM-1227)	-	70-01257	1A(1)(b)	5	1	0	0	1	1	0	0	5	1	5	1	1	1	5	1	0	0	1	1	23	7	30	
	Westinghouse (SNM-1107)	-	70-01151	1A(1)(b)	5	1	0	0	1	1	0	0	5	1	5	1	1	1	5	1	0	0	1	1	23	7	30	
UF6 Conversion	Honeywell (SUB-526)	NOTE	40-03392	2A(1)	5	1	0	0	5	5	0	0	1	0	0	0	0	0	1	0	0	0	0	1	12	7	19	Honeywell effort factors for Liquid UF6 increased from 0 to 5 for both Safety and Safeguards because of Honeywell's plans to restart operations in 2023 and the temporary relaxation of Security Order EA-02-025 was withdrawn.
	International Isotopes (SUB-1011)	NOTE	40-09086	2A(1)	5	1	0	0	5	5	0	0	1	0	0	0	0	0	1	0	0	0	0	1	-	-	-	International Isotopes is licensed, but not proceeding with construction and is not in operation.
Limited Operations	Centrus ACP (SNM-2011)	NOTE	70-07004	1A(2)(a)	1	1	1	5	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	5	3	11	14	Centrus ACP is licensed, but not operating. HALEU Demonstration Program was authorized in December 2022. The effort factors decreased from FY22 which assumed full operations to reflect the phased startup. Scrap/waste (SG) decreased from 1 to 0 and Sensitive Information (SG) decreased from 10 to 5.
																							TOTALS	189	153	342		

Legend	
HIGH =	10
MODERATE =	5
LOW =	1
NONE =	0
S =	Safety
SG =	Safeguards
Changes =	Red/Highlight

I hereby agree that the operating licenses noted above are in agreement with the operating and billable licenses in the Web-Based Licensing (WBL) system.

Division Director, DFM

Reconciliation of Fuel Facilities Business Line vs. Fee Class

(Dollars in thousands)

Fuel Facilities Business Line (CBJ)

Product Lines	Contract \$	FTE
Event Response	45.0	2.0
Generic Homeland Security	1,900.0	3.0
International Activities	0.0	7.5
Licensing	1,400.0	22.8
Oversight	484.0	25.0
Rulemaking	0.0	1.0
Mission Support/Supervisors	1.0	14.0
State/Tribal/Federal Programs	0.0	0.0
Training	234.0	1.0
Travel	742.0	0.0
	<u>\$ 4,806.0</u>	<u>76.3</u>

FTE rate \$215,320 times 68.8 FTEs; \$222,730 times 7.5 FTEs (includes Salaries & Benefits only)

\$ 16,484.5

Total Business Line Budget (BL)

\$ 4,806.0 \$ 16,484.5 = \$ 21,290.5

Fuel Facilities Fee Class (Final Fee Rule)

Deductions from BL resources

Generic Homeland Security ¹	(1,900.0)	(3.0)
International Activities ¹	0.0	(7.5)
Licensing ³	0.0	0.0
Oversight ³	-	0.0
Mission Support/Supervisors ²	(1.0)	(14.0)
Training ³	-	0.0
Travel ²	(742.0)	0.0
	<u>(\$2,643.0)</u>	<u>(24.5)</u>

Increases from Other BL resources

Oversight ⁴	4.0	0.0
State/Tribal/Federal Programs ⁴	0.0	0.5
Training ⁴	5.0	0.2
	<u>\$9.0</u>	<u>0.7</u>

BL resources w/ fee rule allocations

\$ 2,172.0 52.5

FTE fully costed rate \$464,926 times 52.5 FTEs (includes Salaries, Benefits, indirect resources & agency support)

\$ 24,408.6

Total Fee Class Budget

\$ 2,172.0 \$ 24,408.6 = \$ 26,580.62

Variances \$ (2,634.0) (23.8) \$ 7,924.1 \$ 5,290.1

Notes:

Deductions include: Exclusion Items ¹, Indirect resources ², resources allocated to other fee classes/fee relief categories ³

Increases include: resources allocated from other Business Lines ⁴ (i.e. Nuclear Materials and Decommissioning/LLW)

10 CFR Part 171 Annual Fees

Uranium Recovery Facilities

Section II.B.2.d

Table XI
Table XII
Table XIII
Table XIV

The total FY 2023 budgeted cost to be recovered through annual fees assessed to the uranium recovery class [which includes fee categories 2.A.(2)(a), 2.A.(2)(b), 2.A.(2)(c), 2.A.(2)(d), 2.A.(2)(e), 2.A.(3), 2.A.(4), 2.A.(5) and 18.B., under § 171.16], is approximately \$169,000 (rounded).

Of the required annual fee collections, \$148,000 is assessed to DOE's Uranium Mill Tailings Radiation Control Act (UMTRCA) under fee category 18.B. The remaining \$52,200 (rounded) would be recovered through annual fees assessed to the other licensees in this fee class (i.e., conventional mills, in-situ recovery facilities, 11e.(2) mill tailings disposal facilities (incidental to existing tailings sites.)

FY 2023 MISSION DIRECT BUDGETED RESOURCES				
Includes Fee Relief Resources				
	TOTAL		URANIUM RECOVERY ALLOCATIONS	
	CONTRACT		CONTRACT	
	\$,K	FTE	\$,K	FTE
	-----	-----	-----	-----
NUCLEAR REACTOR SAFETY	103,822.3	1,685.0	0.0	0.0
NUCLEAR MATERIALS & WASTE SAFETY	26,562.0	444.2	0.0	1.0
CORPORATE	162,588.0	579.0	0.0	0.0
INSPECTOR GENERAL(no DNSFB)	2,377.0	58.0		
SUBTOTAL - FEE BASE RESOURCE	295,349.3	2,766.2	0.0	1.0
Figures below in \$, M (unless otherwise indicated)				
(1) FY 2023 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown below)				0.465
(2) LESS ESTIMATED 10 CFR PART 170 FEE COLLECTIONS				0.265
(3) ALLOCATIONS (equals 1 - 2)				0.200
(4) GENERIC TRANSPORTATION RESOURCES (allocated)				
(5) NET 10 CFR PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4)				0.200
(6) FY 2023 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5)				0.465
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity)				0.060%
(8) LLW Surcharge				0.000
(9) LLW Surcharge per licensee				
(10) 10 CFR Part 171 billing adjustments				0.000
(11) Adjustments:				0.000
(12) TOTAL FY 2023 ANNUAL FEE (equals 5+8+10+11)				0.200
(13) Number of Licensees				
(14) Fee Per License (equals 12/13)				
unrounded annual fee amount per license, actual \$				different for different categories of licenses; see other worksheets
rounded annual fee, actual \$				
FTE FULLY COSTED RATE (average based on budget data, actual \$): See Determination of Hourly Rate for calculations			464,926	

**Mission Direct Budgeted Resources for
Uranium Recovery Fee Class**

	FY23		FY22		Difference	
	Contract (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	FTE
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE						
<i>PRODUCT LINE/PRODUCTS:</i>						
Licensing						
Decommissioning Licensing Actions	0	0.5	121	0.8	(121)	(0.3)
Uranium Recovery Lic. Actions	0	0.3	25	0.6	(25)	0.4
Oversight						
Inspection	0	0.2	0	0.2	0	0.0
Total Direct Resources	0	1.0	146	1.6	(146)	0.1
Grand Total Nuclear Materials & Waste Safety	0	1.0	146	1.6	(146)	0.1
TOTAL URANIUM RECOVERY	0	1.0	146	1.6	(146)	0.1
Total value of budgeted resources for fee class(mission direct FTE x full cost of FTE + mission direct contract \$)	\$465		\$848		(\$57)	

**URANIUM RECOVERY ANNUAL FEES
FY 2023**

	TOTAL
TOTAL ANNUAL FEE AMOUNT :	\$200,164
TOTAL ADJUSTMENT:	<u>0</u>
TOTAL:	\$200,164

**GROUP 1
Calculation of DOE Annual Fee**

Fee Category	contract \$	FTE	FTE Rate	Less: Part 170 Receipts	Total Fee
18.B. DOE UMTRCA Budgeted Costs:	\$0	0.50	\$464,926	-\$90,282	\$142,181
10% x (Total Annual Fee Amount less UMTRCA)					\$5,798
				Total:	<u>\$147,979</u>
				DOE's Annual Fee Rounded:	\$148,000

**GROUP 2
Calculation of Annual Fee Amount for Remaining UR Licensees**

	FY 2023
	Total
	Fee
Remaining Annual Fee Amount:	<u>\$52,185</u>
	Total: <u>\$52,185</u>

CALCULATION OF ANNUAL FEE AMOUNTS BY CATEGORY:

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
Type of Site	Fee Category	Number of Licenses	Category Benefit	Total Benefit Value	Percent	Total base annual fee	Annual Fee Per License Base	Adjustments	Total	FY 2023 Annual Fee Rounded
Conventional & Heap Leach Mills	2.A.(2)(a)	0	-	-	0%	\$0	\$0	\$0	\$0	\$0
Basic In-situ Recovery Facilities	2.A.(2)(b)	1	190	190	100%	\$52,185	\$52,185	\$0	\$52,185	\$52,200
Expanded In-situ Recovery Facilities	2.A.(2)(c)	0	-	-	0%	\$0	\$0	\$0	\$0	\$0
In-situ Recovery Resin Facilities	2.A.(2)(d)	0	-	-	0%	\$0	N/A	N/A	N/A	N/A
Resin Toll Milling Facilities	2.A.(2)(e)	0	-	-	0%	\$0	N/A	N/A	N/A	N/A
Facilities for Disposal of 11e(2) Materials	2.A.(3)	0	-	-	0%	\$0	N/A	N/A	N/A	N/A
Disposal Incident to Operation at Licensed Facilities	2.A.(4)	0	-	-	0%	\$0	\$0	\$0	\$0	\$0
Uranium Water Treatment Facility	2.A.(5)	0	-	-	0%	\$0	\$0	\$0	\$0	\$0
TOTAL		<u>1</u>	<u>190</u>	<u>190</u>	<u>100%</u>	<u>\$52,185</u>				

- Col. 3= Col. 1 x Col. 2
- Col. 5= Col. 4 x Group 2 Total Base Fee
- Col. 6= Col. 5 /Col. 1
- Col. 7= Col. 4 x Group 2 Adjustment Amount/Col. 1
- Col. 8= Col. 6 + Col. 7

Reconciliation of Decommissioning & Low Level Waste Business Line vs. Fee Class

(Dollars in thousands)

Decommissioning & LLW Business Line (CBJ)

Contract \$ FTE

Product Lines	Contract \$	FTE
Event Response	0.0	0.0
Generic Homeland Security	0.0	0.0
International Activities	0.0	2.0
Licensing	2,278.0	37.9
Oversight	462.0	23.6
Research	610.0	1.0
Rulemaking	88.0	5.3
Mission Support/Supervisors	1.0	15.0
State/Tribal/Federal Programs	0.0	0.0
Training	399.0	2.0
Travel	847.0	0.0
	\$ 4,685.0	86.8

FTE rate \$219,770 times 82.8 FTEs ; \$244,500 times 4 FTEs (includes Salaries & Benefits only)

\$ 19,175.0

Total Business Line Budget (BL)

\$ 4,685.0

\$ 19,175.0 =

\$ 23,860.0

Uranium Recovery Fee Class (Final Fee Rule)

Deductions from BL resources

Event Response ³	0.0	0.0
Generic Homeland Security ¹	0.0	0.0
International Activities ^{2,3}	0.0	(2.0)
Licensing ^{3,5}	(2,278.0)	(37.1)
Oversight ³	(462.0)	(23.4)
Mission Support/Supervisors ²	(1.0)	(15.0)
Research ³	(610.0)	(1.0)
Rulemaking ³	(88.0)	(5.3)
State/Tribal/Federal Programs ³	0.0	0.0
Training ³	(399.0)	(2.0)
Travel ²	(847.0)	0.0
	(\$4,685.0)	(85.8)

Increases from Other resources

International Activities ⁴	0.0	0.0
State/Tribal/Federal Programs ⁴	0.0	0.0
Oversight ⁴	0.0	0.0
Training ⁴	0.0	0.0
	0.0	0.0

BL resources w/ fee rule allocations

\$ -

1.0

FTE fully costed rate \$464.926 times 1.7 FTE (includes Salaries, Benefits, indirect resources& agency support)

\$ 464.9

Total Fee Class Budget

\$ -

\$ 464.9 =

\$ 464.93

Variances

\$ (4,685.0)

(85.8)

\$ (18,710.0)

\$ (23,395.0)

Notes:

Deductions include: Exclusion Items ¹, Indirect resources ², resources allocated to other fee classes/fee relief categories ³ and Appropriation changes ⁵

Increases include: resources allocated from other Business Lines ⁴ (i.e. Nuclear Materials and Decommissioning/LLW)

10 CFR Part 171 Annual Fees

Non-Power Production or Utilization Facilities

Section II.B.2.e

Table XV

Approximately \$289,000 in budgeted costs is to be recovered through annual fees assessed to the non-power production or utilization facilities (NPUF) class of licenses for FY 2023. This required annual fee recovery amount is divided equally among the three NPUF licensees subject to annual fees, and results in a FY 2023 annual fee of \$96,300 for each licensee.

FY 2023 MISSION DIRECT BUDGETED RESOURCES				
Includes Fee Relief Resources			NON POWER PRODUCTION OR UTILIZATION FACILITIES	
TOTAL			ALLOCATIONS	
	CONTRACT		CONTRACT	
	\$,K	FTE	\$,K	FTE
	-----	-----	-----	-----
NUCLEAR REACTOR SAFETY	103,822.3	1,685.0	186.0	10.6
NUCLEAR MATERIALS & WASTE SAFETY	26,562.0	444.2	1.0	0.0
CORPORATE	162,588.0	579.0	0.0	0.0
INSPECTOR GENERAL(no DNSFB)	2,377.0	58.0		
SUBTOTAL - FEE BASE RESOURCE	295,349.3	2,766.2	187.0	10.6
Figures below in \$, M (unless otherwise indicated)				
(1) FY 2023 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown below)				5.115
(2) LESS ESTIMATED 10 CFR PART 170 FEE COLLECTIONS				4.869
(3) ALLOCATIONS (equals 1 - 2)				0.246
(4) GENERIC TRANSPORTATION RESOURCES (allocated)				0.040
(5) NET 10 CFR PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4)				0.286
(6) FY 2023 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5)				5.155
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity)				0.007
(8) LLW Surcharge				0.000
(9) LLW Surcharge per licensee				
(10) 10 CFR Part 171 billing adjustments				0.003
(11) Adjustments:				0.000
(12) TOTAL FY 2023 ANNUAL FEE (equals 5+8+10+11)				0.2890
(13) Number of Licensees				3
(14) Fee Per License (equals 12/13)				0.0963
unrounded annual fee amount per license, actual \$				96,327
rounded annual fee, actual \$				96,300
FTE FULLY COSTED RATE (average based on budget data, actual \$): See Determination of Hourly Rate for calculations			464,926	

**Mission Direct Budgeted Resources for
Non-Power Production or Utilization Facilities Fee Class**

	FY23		FY22		Difference	
	Contract (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	FTE
PROGRAM: NUCLEAR REACTOR SAFETY						
BUSINESS LINE: OPERATING REACTORS						
<i>PRODUCT LINE/PRODUCTS:</i>						
Licensing						
Research & Test Reactors	170.0	8.6	182.0	12.7	(12.0)	(4.1)
Oversight						
Enforcement	0.0	0.5	0.0	0.0	0.0	0.5
Inspection	0.0	1.5	0.0	0.5	0.0	1.0
Rulemaking						
Rulemaking (PL)	0.0	0.0	0.0	0.2	0.0	(0.2)
Training						
Mission Training	16.0	0.0	16.0	0.0	0.0	0.0
Total Direct Resources	186.0	10.6	198.0	13.4	(12.0)	(0.9)
Grand Total Nuclear Reactor Safety	186.0	10.6	198.0	13.4	(12.0)	(0.9)
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: NUCLEAR MATERIALS USERS						
<i>PRODUCT LINE/PRODUCTS:</i>						
Oversight						
Inspection	1.0	0.0	1.0	0.0	0.0	0.0
Total Direct Resources	1.0	0.0	1.0	0.0	0.0	0.0
Grand Total Nuclear Materials & Waste Safety	1.0	0.0	1.0	0.0	0.0	0.0
TOTAL NON POWER PRODUCTION OR UTILIZATION FACILITY	187.0	10.6	199.0	13.4	(12.0)	(0.9)
Total value of budgeted resources for fee class (mission direct FTE x full cost of FTE + mission direct contract \$)	5,115.2		6,071.6		(73.0)	

NON POWER PRODUCTION OR UTILIZATION FACILITIES (NPUF)

FY 2023 FEE RULE

DETERMINATION OF THE FY 2023 ANNUAL FEE:

NON POWER PRODUCTION OR UTILIZATION FACILITIES SUBJECT TO ANNUAL FEES (See note)

	License No.	Docket No.
1. Dow Chemical - TRIGA MARK I	R-108	50-264
2. GE, NTR	R-33	50-73
3. NIST	TR-5	50-184

DETERMINATION OF ANNUAL FEE

BUDGETED COSTS	\$288,981
ANNUAL FEE PER LICENSE (rounded) (Budgeted costs divided by number of NPUF licensees subject to annual fee)	\$96,300

NOTE: Does not include License R-38 (TRIGA MARK I), Docket No. 50-89, issued to General Atomics.
License R-38 was amended in 1997 to authorize possession only.

Reconciliation of Operating Reactor Business Line vs. NPUF Fee Class

(Dollars in thousands)

	Operating Reactor Business Line (CBJ)	
	Contract \$	FTE
Product Lines		
Event Response	6,917.0	49.0
Generic Homeland Security	0.0	7.0
International Activities	0.0	20.0
Licensing	7,460.0	380.1
Oversight	24,513.0	491.0
Rulemaking	400.0	30.0
Research	29,803.0	123.0
Mission Support/Supervisors	2,291.0	325.0
State/Tribal/Federal Programs	0.0	0.0
Training	4,414.0	45.0
Travel	12,267.0	0.0
	<u>\$ 88,065.0</u>	<u>1,470.1</u>
FTE rate \$213,500 times 1470.1 FTEs (includes Salaries & Benefits only)		<u>\$ 301,643.4</u>

Total Business Line Budget (BL) \$ 88,065.0 \$ 301,643.4 = \$ 389,708.4

Non Power Production or Utilization Facilities Fee Class (Final Fee Rule)

Deductions from BL resources

Event Response ³	(6,917.0)	\$ (49.0)
Generic Homeland Security ¹	-	(7.0)
International Activities ¹	-	(20.0)
Licensing ³	(7,290.0)	(371.5)
Oversight ³	(24,513.0)	(489.0)
Research ¹	(29,803.0)	(123.0)
Rulemaking ³	(400.0)	(30.0)
Mission Support/Supervisors ²	(2,291.0)	(325.0)
Training ³	(4,398.0)	(45.0)
Travel ²	(12,267.0)	0.0
	<u>(\$87,879.0)</u>	<u>(1,459.5)</u>

Increases from Other resources

Oversight ⁴	1.0	0.0
Rulemaking ⁴	0.0	0.0
State/Tribal/Federal Programs ⁴	0.0	0.0
Training ⁴	0.0	0.0
	<u>\$1.0</u>	<u>0.0</u>

BL resources w/ fee rule allocations \$ 187.0 10.6

FTE fully costed rate \$464.926 times 19.5 FTEs (includes Salaries, Benefits, indirect resources & agency support) \$ 4,928.2

Total Fee Class Budget \$ 187.0 \$ 4,928.2 = \$ 5,115.22

Variiances \$ (87,878.0) (1,460) \$(296,715.2) \$ (384,593.2)

Notes:

Deductions include: Exclusion Items ¹, Indirect resources ², resources allocated to other fee classes/fee relief categories ³

Increases include: resources allocated from other Business Lines ⁴ (i.e. Nuclear Materials and Decommissioning/LLW)

10 CFR Part 171 Annual Fees

Rare Earth Facilities

Section II.B.2.f

During FY 2021 NRC did receive an application under the Rare Earth fee class 2.A. (2)(f). However, only 10 CFR Part 170 FY 2023 budgetary resources were allocated to this fee class and did not require an annual fee to be established.

NRC revised the fee category for this fee class from 2.A.(2)(c) to 2.A.(2)(f) in FY 2009.

NRC eliminated fee category 2.A.(5) Uranium Water Treatment Facility effective with the FY 2019 Fee Rule.

FY 2023 MISSION DIRECT BUDGETED RESOURCES				
Includes Fee Relief Resources				
	TOTAL		RARE EARTH ALLOCATIONS	
	CONTRACT		CONTRACT	
	\$,K	FTE	\$,K	FTE
	-----	-----	-----	-----
NUCLEAR REACTOR SAFETY	103,822.3	1,685.0	0.0	0.0
NUCLEAR MATERIALS & WASTE SAFETY	26,562.0	444.2	0.0	0.6
CORPORATE	162,588.0	579.0	0.0	0.0
INSPECTOR GENERAL(no DNSFB)	2,377.0	58.0		
SUBTOTAL - FEE BASE RESOURCE	295,349.3	2,766.2	0.0	0.6
Figures below in \$, M (unless otherwise indicated)				
(1) FY 2023 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown below)				0.279
(2) LESS ESTIMATED 10 CFR PART 170 FEE COLLECTIONS				0.279
(3) ALLOCATIONS (equals 1 - 2)				0.000
(4) GENERIC TRANSPORTATION RESOURCES (allocated)				
(5) NET 10 CFR PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4)				0.00
(6) FY 2023 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5)				0.279
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity)				0.00%
(8) LLW Surcharge				0.000
(9) LLW Surcharge per licensee				
(10) 10 CFR Part 171 billing adjustments				0.000
(11) Adjustments:				0.000
(12) TOTAL FY 2023 ANNUAL FEE (equals 5+8+10+11)				0.000
(13) Number of Licensees				
(14) Fee Per License (equals 12/13)				
				different for different categories of licenses; see other worksheets
unrounded annual fee amount per license, actual \$				
rounded annual fee, actual \$				
FTE FULLY COSTED RATE (average based on budget data, actual \$): See Determination of Hourly Rate for calculations				464,926

Mission Direct Resources For Rare Earth Fee Class

	FY23		FY22		Difference	
	Contract (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	FTE
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE						
<i>PRODUCT LINE/PRODUCTS:</i>						
Licensing						
Decommissioning Licensing Actions	0	0.6	0	0.4	0	0.2
Uranium Recovery Envir. Reviews	0	0.0	0	0.0	0	0.0
Uranium Recovery Lic. Actions	0	0.0	0	0.0	0	0.0
Mission Training						
Training	0	0.0	0	0.0	0	0.0
Total Direct Resources	0	0.6	0	0.4	0	0.2
Grand Total Nuclear Materials & Waste Safety	0	0.6	0	0.4	0	0.2
TOTAL Rare Earth	0	0.6	0	0.4	0	0.2
Total value of budgeted resources for fee class(mission direct FTE x full cost of FTE + mission direct contract \$)	\$279		\$176		\$103	

10 CFR Part 171 Annual Fees

Materials Users

Section II.B.2.g

Table XVI

The following fee categories under §171.16 are included in this fee class: 1.C., 1.D., 1.F., 2.B., 2.F., 3.A. through 3.S., 4.A. through 4.C., 5.A., 5.B., 6.A., 7.A. through 7.C., 8.A., 9.A. through 9.D., 16, and 17. The annual fee for these categories of materials users licenses is developed as follows:

$$\text{Annual fee} = \text{Constant} \times [\text{Application Fee} + (\text{Average Inspection Cost} / \text{Inspection Priority})] + \text{Inspection Multiplier} \times (\text{Average Inspection Cost} / \text{Inspection Priority}) + \text{Unique Category Costs}.$$

To equitably and fairly allocate the \$39.7 million in FY 2023 budgeted costs to be recovered in annual fees assessed to the approximately 2,400 diverse materials users licensees, the NRC continues to calculate the annual fees for each fee category within this class based on the 10 CFR Part 170 application fees and estimated inspection costs for each fee category. Because the application fees and inspection costs are indicative of the complexity of the material license, this approach provides a proxy for allocating the generic and other regulatory costs to the diverse fee categories. This fee calculation method also considers the inspection frequency (priority), which is indicative of the safety risk and resulting regulatory costs associated with the categories of licenses.

FY 2023 MISSION DIRECT BUDGETED RESOURCES				
Includes Fee Relief Resources				
	TOTAL		MATERIALS ALLOCATIONS	
	CONTRACT		CONTRACT	
	\$,K	FTE	\$,K	FTE
	-----	-----	-----	-----
NUCLEAR REACTOR SAFETY	103,822.3	1,685.0	2.0	0.00
NUCLEAR MATERIALS & WASTE SAFETY	26,562.0	444.2	1,300.0	80.50
CORPORATE	162,588.0	579.0	0.0	0.00
INSPECTOR GENERAL(no DNSFB)	2,377.0	58.0		
SUBTOTAL - FEE BASE RESOURCE	295,349.3	2,766.2	1,302.0	80.50
Figures below in \$, M (unless otherwise indicated)				
(1) FY 2023 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown below)				38.73
(2) LESS ESTIMATED 10 CFR PART 170 FEE COLLECTIONS				1.20
(3) ALLOCATIONS (equals 1 - 2)				37.53
(4) GENERIC TRANSPORTATION RESOURCES (allocated)				2.00
(5) NET 10 CFR PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4)				39.53
(6) FY 2023 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5)				40.73
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity)				0.04
(8) LLW Surcharge				0.11
(9) LLW Surcharge per licensee				
(10) 10 CFR Part 171 billing adjustments				0.02
(11) Adjustments:				0.00
(12) TOTAL FY 2023 ANNUAL FEE (equals 5+8+10+11)				39.65
(13) Number of Licensees				
(14) Fee Per License (equals 12/13)				
unrounded annual fee amount per license, actual \$				different for different categories of licenses; see other worksheets
rounded annual fee, actual \$				
FTE FULLY COSTED RATE (average based on budget data, actual \$): See Determination of Hourly Rate for calculations		464,926		

**Mission Direct Budgeted Resources for
Materials Fee Class**

	FY23		FY22		Difference	
	Contract (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	FTE
PROGRAM: NUCLEAR REACTOR SAFETY						
BUSINESS LINE: OPERATING REACTORS						
<i>PRODUCT LINE/PRODUCTS:</i>						
Training						
Mission IT	2	0.0	10	0.0	(8)	0.0
Mission Training	0	0.0	22	0.0	(22)	0.0
Total Direct Resources	2.0	0.0	32	0.0	(30)	0.0
Grand Total Nuclear Reactor Safety	2.0	0.0	32	0.0	(30)	0.0
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: NUCLEAR MATERIALS USERS						
<i>PRODUCT LINE/PRODUCTS:</i>						
Event Response						
Response Operations	0	0.3	0	0.3	0	0.0
Response Programs	0	0.3	0	0.3	0	0.0
Licensing						
EDO Operations	0	1.5	0	1.5	0	0.0
Licensing Actions	7	30.0	7	30.0	0	0.0
Licensing Support	45	1.0	45	0.0	0	1.0
Mission IT	74	0.0	90	0.0	(16)	0.0
Policy Outreach	0	1.0	0	1.0	0	0.0
Security	0	0.5	0	0.5	0	0.0
Oversight						
Allegations & Investigations	0.0	8.6	0	8.6	0	0.0
Enforcement	44.0	11.3	44	11.6	0	(0.3)
Event Evaluation	170.0	2.0	140	2.0	30	0.0
Inspection	1.0	20.0	1	17.5	0	2.5
IT Infrastructure	100.0	0.0	118	0.0	(18)	0.0
Rulemaking						
Mission IT	289	0.0	255	0.0	34	0.0
Rulemaking	0	2.3	0	0.1	0	2.2
Rulemaking Support	15	0.2	0	0.0	15	0.2
Training						
Entry Level Hiring	0	1.0	0	1.0	0	0.0
Mission IT	1	0.0	14	0.0	(13)	0.0
Mission Training	540	0.5	466	0.5	74	0.0
Organizational Development	14	0.0	14	0.0	0	0.0
Total Direct Resources	1,300.0	80.5	1,194.0	74.9	106.0	5.6
Grand Total Nuclear Materials & Waste Safety	1,302.0	80.5	1,194	74.9	108	5.6
TOTAL MATERIAL USERS	1,302.0	80.5	1,226	74.9	76	5.6
Total value of budgeted resources for fee class(mission direct FTE x full cost of FTE + mission direct contract \$)	\$38,729		\$34,051		\$4,678	

FY 2023 Materials Users Annual Fees

REBASELINE																					
CIVIL DEFENSE:																					
8A. Civil Defense	12	12	0	12.0	2,800	7,300	5	51120	17520	4694	2545	7,240	0	7,240	87	87	1	0	2,000	7,200	
DEVICE, PRODUCT, OR SEALED SOURCE SAFETY EVALUATION:																					
9A. Device/Product Safety Evaluation - Broad	108	107	0	107.0	21,900		5	2343300	0	24133	0	24,133	0	24,133	2582	2582	25	37	1,327,200	24,100	
9B. Device/Product Safety Evaluation - Other	4	4	0	4.0	9,700		5	38800	0	10689	0	10,689	0	10,689	43	43	0	0	-	10,700	
9C. Sealed Sources Safety Evaluation - Broad	32	31	0	31.0	5,700		5	176700	0	6281	0	6,281	0	6,281	195	195	15	3	32,400	6,300	
9D. Sealed Sources Safety Evaluation - Other	10	9	0	9.0	1,100		5	9900	0	1212	0	1,212	0	1,212	11	11	0	0	-	1,200	
OTHER LICENSES:																					
17. Master Material License	3	3	0	3.0	169,400	142,800	2	722400	214200	265349	0	124478	389,827	264	0	390091	1169	1170	0	0	390,000
TOTAL	2408.0	2423.0	0.0	2423.0				27448068	5334168			1638845			39546	39655	513	219	8,940,500	Mat Uranium recovery 2A2b	
																	513	219	8,940,500		
FTE RATE:	\$464,926													Total			732				
														% of total Materials Users licensees			30.21%				
Calculation of UNIQUE (generic activities related to specific fee categories):																					
Total budgeted resources (FY 2023 unique activities=Part 35 Implementation)	0.0 (FTE)	\$0.00 (CONTRACT COSTS)																			
Total cost (FTExFTE rate + any contract costs)	\$0																				
Percent of NRC materials licenses to the total materials licenses	12%																				
Amount allocated to NRC materials licensees (% x total cost)	\$0																				
No. of affected NRC licenses (for FY 2023, Cats. 7A, 7B, & 7C, + those medical under Master Matls Licenses)	818.0																				
Unique per license:	\$0																				
Total Part 171 (annual fee) amount, excluding fee-relief costs:	\$39,545,900																				
Inspection Amount (budgeted costs for materials inspections):	20.0 FTE	20.0 FTE	x	\$464,926 FTE Rate	=	\$9,298,525	=	Total \$9,299,525													
LLW Surcharge Amount (see FEE-RELIEF ACTIVITIES Sheet for further details):																					
Total LLW surcharge to be recovered	\$4,022,917																				
Percentage to be recovered from materials licensees	2.7%																				
Amount to be recovered from materials licensees	\$108,619																				
No. of affected licenses:	412.0																				
LLW Surcharge per license:	\$264																				
Other Fee-Relief Amount (see FEE-RELIEF ACTIVITIES Sheet for further details):																					
Total other fee-relief to be recovered	\$0																				
Percentage to be recovered from materials licensees	0.0%																				
Amount to be recovered from materials licensees	\$0																				
	\$K	\$K	\$K	\$K																	
TOTAL GENERAL = TOTAL Part 171 amount less INSPECTION less UNIQUE:	39,546	-	9,300	-	0	=	30,246														
ANNUAL FEE MULTIPLIER = TOTAL GENERAL /Total of Calc of Gen. Multiple col.:	30,246	/	27,448	=	1.10																
INSPECTION MULTIPLIER=INSPECTION AMOUNT/total Calc of Insp. Multiple col.:	\$9,299,525	/	5,334	=	1.74																
FEE-RELIEF MULTIPLIER=Fee-Relief amount to be adjusted for materials licensees/total of Calc of Gen. Multiple col.):		\$0	/	27,448	=	0.0000															
COL (5) = COL (1) * [COL (2) + COL (3)]/COL (4)]																					
COL (6) = COL(1) * (COL (3)/COL (4))																					
COL (7) = GENERAL MULTIPLIER * [COL(2) + COL (3)/COL (4)]																					
COL (8) = (UNIQUE COSTS) / (NO. OF APPLICABLE LICENSES)																					
COL (9) = INSPECTION MULTIPLIER*(COL3/COL4)																					
COL (10) = COL (7) + COL(8)+COL(9)																					
COL (11) = LLW SURCHARGE =% Allocated * LLW Costs/# affected licenses																					
COL (12)=FEE-RELIEF MULTIPLIER*(COL(2)+COL(3)/COL(4))																					
COL (13) = COL (10) + COL(11)+COL(12)																					
COL (14) = [COL (1) * COL (10)] /1000																					
COL (15) = [COL (1) * COL (13)] /1000																					

Reconciliation of Nuclear Materials Users Business

Line vs. Fee Class

(Dollars in thousands)

Product Lines	Nuclear Material User Business Line (CBJ)	
	Contract \$	FTE
Event Response	0.0	3.0
Generic Homeland Security	6,666.0	13.0
International Activities	6,148.0	11.0
Licensing	937.0	42.0
Oversight	1,968.0	49.0
Research	500.0	2.0
Rulemaking	374.0	10.0
Mission Support/Supervisors	433.0	42.0
State/Tribal/Federal Programs	262.0	26.0
Training	1,241.0	4.0
Travel	2,286.0	0.0
	<u>\$ 20,815.0</u>	<u>202.0</u>
FTE rate \$209,130 times 191 FTEs ; \$222,730 times 11 FTEs (includes Salaries & Benefits only)		\$ 42,393.9
Total Business Line Budget (BL)	\$ 20,815.0	\$ 42,393.9 = \$ 63,208.9

Nuclear Material User Fee Class (Final Fee Rule)

Deductions from BL resources

Event Response ³	-	(2.4)
Generic Homeland Security ¹	(6,666.0)	(13.0)
International Activities ¹	(6,148.0)	(11.0)
Licensing ³	(811.0)	(8.0)
Oversight ³	(1,653.0)	(7.1)
Mission Support/Supervisors ²	(433.0)	(42.0)
Research ³	(500.0)	(2.0)
Rulemaking ³	(70.0)	(7.5)
State/Tribal/Federal Programs ³	(262.0)	(26.0)
Training ³	(686.0)	(2.5)
Travel ²	(2,286.0)	0.0
	<u>(\$19,515.0)</u>	<u>(121.5)</u>

Increases from Other BL resources

State/Tribal/Federal Programs ⁴	0.0	0.0
Training ⁴	2.0	0.0
	<u>2.0</u>	<u>0.0</u>

BL resources w/ fee rule allocations \$ 1,302.0 80.5

FTE fully costed rate \$464.926 times 80.5 FTEs (includes Salaries, Benefits, indirect resources& agency support) \$ 37,426.5

Total Fee Class Budget \$ 1,302.0 \$ 37,426.5 = \$ 38,728.54

Variances \$ (19,513.0) (121.5) \$ (4,967.3) \$ (24,480.3)

Notes:

Deductions include: Exclusion Items¹, Indirect resources², resources allocated to other fee classes/fee relief categories³ and Appropriation changes⁵

Increases include: resources allocated from other Business Lines⁴ (i.e. Nuclear Materials and Decommissioning/LLW)

ANNUAL FEE CALCULATION FOR AGREEMENT STATE USE ONLY

**FY 2023
Annual Fee
(Rounded)**

License Fee Category	Part 170 Fees(\$)		Insp.	Calc. of General	Calc. of Insp.	Part 171 Base Fee Per License (\$)					Total Exact Annual	FY 2023 Annual Fee (Rounded)
	Appl.	Insp.				Prior.	Multiple	Multiple	General	Inspection		
			LLW Surcharge	Fee-Relief	Total						Fee per license	
				(No. of licenses x (Appl fee + insp fee/insp priority))	(No. of licenses x insp fee/insp priority)	Annual fee multiplier*(Appl fee + insp fee/insp priority) annual fee multiplier of 0.95	Inspection multiplier*(insp fee/insp priority)insp. multiplier of 1.68	(General+ Inspection)	(Total Materials LLW Surcharge/ no. of affected licenses)	(Fee-Relief multiplier x (appl fee+insp fee/insp priority)See below for calculation of fee-relief multi.)	(Total Base Fee+ LLW Surcharge + Fee-Relief)	

NUCLEAR LAUNDRY:

6A. Nuclear Laundry	23,900	6,500	3	26,067	2,167	28,706	3,776	32,482	263	0	32,745	32,745	32,700
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10 CFR Part 171 Annual Fees

Transportation

Section II.B.2.h

Table XVII

Table XVIII

Consistent with the policy established in the NRC's FY 2006 final fee rule, the NRC will recover generic transportation costs unrelated to DOE as part of existing annual fees for license fee classes. NRC will continue to assess a separate annual fee under §171.16, fee category 18.A., for DOE transportation activities.

The resources associated with generic transportation activities are distributed to the license fee classes based on the number of Certificates of Compliance (CoCs) benefiting (used by) that fee class, as a proxy for the generic transportation resources expended for each fee class. The amount of the generic resources allocated is calculated by multiplying the percentage of total CoCs used by each fee class (and DOE) by the total generic transportation resources to be recovered.

FY 2023 MISSION DIRECT BUDGETED RESOURCES				
Includes Fee Relief Resources				
	TOTAL		TRANSPORTATION ALLOCATIONS	
	CONTRACT		CONTRACT	
	\$,K	FTE	\$,K	FTE
	-----	-----	-----	-----
NUCLEAR REACTOR SAFETY	103,822.3	1,685.0	3.0	0.1
NUCLEAR MATERIALS & WASTE SAFETY	26,562.0	444.2	1,511.0	20.6
CORPORATE	162,588.0	579.0	0.0	0.0
INSPECTOR GENERAL(no DNSFB)	2,377.0	58.0		
SUBTOTAL - FEE BASE RESOURCE	295,349.3	2,766.2	1,514.0	20.7
Figures below in \$, M (unless otherwise indicated)				
(1) FY 2023 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown below)				11.1
(2) LESS ESTIMATED 10 CFR PART 170 FEE COLLECTIONS				3.4
(3) ALLOCATIONS (equals 1 - 2)				7.8
(4) GENERIC TRANSPORTATION RESOURCES (allocated)				-6.0
(5) NET 10 CFR PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4)				1.7
(6) FY 2023 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5)				5.1
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity)				0.65%
(8) LLW Surcharge				0.0
(9) LLW Surcharge per licensee				
(10) 10 CFR Part 171 billing adjustments				0.0
(11) Adjustments:				0.0
(12) TOTAL FY 2023 ANNUAL FEE (equals 5+8+10+11)				1.7
(13) Number of Licensees				1
(14) Fee Per License (equals 12/13)				1.749841
				(DOE's fee)
unrounded annual fee amount per license, actual \$				1,749,841
rounded annual fee, actual \$				1,750,000
FTE FULLY COSTED RATE (average based on budget data, actual \$): See Determination of Hourly Rate for calculations			464,926	

**Mission Direct Budgeted Resources for
Transportation Fee Class**

	FY23		FY22		Difference	
	Contract (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	FTE
PROGRAM: NUCLEAR REACTOR SAFETY						
BUSINESS LINE: OPERATING REACTORS						
<i>PRODUCT LINE/PRODUCTS:</i>						
Oversight						
Enforcement	1	0.1	1	0.1	0.0	0.0
Training						
Mission Training	2	0.0	1	0.0	1.0	0.0
Mission IT	0	0.0	7	0.0	(7.0)	0.0
Total Direct Resources	3	0.1	9	0.1	(6.0)	0.0
Grand Total Nuclear Reactor Safety	3	0.1	9	0.1	(6.0)	0.0
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: NUCLEAR MATERIALS USERS						
<i>PRODUCT LINE/PRODUCTS:</i>						
Oversight						
Enforcement	1	0.0	1	0.0	0	0.0
State Tribal and Federal Programs						
Liaison	0	0.5	0	0.4	0	0.1
Training						
Mission Training	0	0.2	0	0.2	0	0.0
Total Direct Resources	1	0.7	1	0.6	0	0.1
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION						
<i>PRODUCT LINE/PRODUCTS:</i>						
Licensing						
IT Infrastructure	574	0.0	177	0.0	397	0
Licensing Support	0	0.6	0	1.6	0	(1.0)
Mission IT	233	0.0	250	0.0	(17)	0.0
Transportation Certification	590	16.7	880	14.7	(290)	2.0
Oversight						
Security	0	0.1	0	0.1	0	0.0
Inspection	0	1.5	0	1.5	0	0.0
Rulemaking						
Rulemaking (PL)	0	0.0	0	0.5	0	(0.5)
Training						
Organizational Development	1	0.0	2	0.0	(1)	0.0
Entry Level Hiring	0	1.0	0	1.0	0	0.0
Mission Training	72	0.0	53	0.0	19	0.0
Mission IT	40	0.0	3	0.0	37	0.0
Total Direct Resources	1,510	19.9	1,365	19.4	145	0.5
Grand Total Nuclear Materials & Waste Safety	1,514.0	20.7	1,366	20.0	148	0.7
TOTAL TRANSPORTATION	1,514.0	20.7	1,375	20.1	139	0.6
Total value of budgeted resources for fee class(mission direct FTE x full cost of FTE + mission direct contract \$)	\$11,138		\$10,184		\$954	

TRANSPORTATION ANNUAL FEES

FY 2023

The total transportation budgeted costs of \$7,777,974 to be recovered from annual fees (not including fee-relief adjustments) is to be obtained from two sources:

1. Department of Energy (DOE)--has own annual fee (fee category 18A)
2. Other licensees (included in their annual fees)

Distribute these costs to DOE and the fee classes based on the percentage of CoCs benefitting (used) per fee class:

Fee Class	# CoCs	% CoCs	Transportation Resources to be included in annual fees	Resources in Millions
DOE	21.0	22.5%	\$1,747,226	\$1.7
Operating Reactors	6.0	6.4%	\$499,207	\$0.5
Spent fuel/reactor decom	19.0	20.3%	\$1,580,823	\$1.6
NPUF	0.5	0.5%	\$40,259	\$0.04
Fuel Facilities	23.0	24.6%	\$1,913,628	\$1.9
Materials Users	24.0	25.7%	\$1,996,830	\$2.0
Total	93.5	100.0%	\$7,777,974	\$7.8

**Reconciliation of Spent Fuel Storage/
Transportation Business Line vs. Fee Class**
(Dollars in thousands)

Product Lines	Spent Fuel Storage/ Transportation Business Line (CBJ)	
	Contract \$	FTE
Event Response	0.0	0.0
Generic Homeland Security	0.0	0.0
International Activities	0.0	1.5
Licensing	2,235.0	57.5
Oversight	0.0	17.7
Research	1,475.0	3.4
Rulemaking	400.0	2.0
Mission Support/Supervisors	1.0	15.0
State/Tribal/Federal Programs	0.0	0.0
Training	321.0	2.0
Travel	590.0	0.0
	\$ 5,022.0	99.1

FTE rate \$222,730 times 99.1 FTEs
(includes Salaries & Benefits only)

\$ 22,072.5

Total Business Line Budget (BL)

\$ 5,022.0

\$ 22,072.5 =

\$ 27,094.5

**Transportation Fee Class
(Final Fee Rule)**

Deductions from BL resources

Event Response ³	0.0	0.0
Generic Homeland Security ¹	0.0	0.0
International Activities ¹	0.0	(1.5)
Licensing ³	(838.0)	(40.2)
Oversight ³	(1.0)	(16.1)
Mission Support/Supervisors ²	(1.0)	(15.0)
Research ³	(1,475.0)	(3.4)
Rulemaking ³	(400.0)	(2.0)
State/Tribal/Federal Programs ³	0.0	0.0
Training ³	(207.0)	(1.0)
Travel ²	(590.0)	0.0
	(\$3,512.0)	(79.2)

Increases from Other resources

International Activities ⁴	0.0	0.0
State/Tribal/Federal Programs ⁴	0.0	0.5
Oversight ⁴	2.0	0.1
Training ⁴	2.0	0.2
	4.0	0.8

BL resources w/ fee rule allocations

\$ 1,514.0

20.7

FTE fully costed rate \$464.926 times 20.7 FTEs
(includes Salaries, Benefits, indirect resources& agency support)

\$ 9,624.0

Total Fee Class Budget

\$ 1,514.0

\$ 9,624.0 =

\$ 11,137.97

Variances

\$ (3,508.0)

(78.4)

\$ (12,448.6)

\$ (15,956.6)

Notes:

Deductions include: Exclusion Items¹, Indirect resources², resources allocated to other fee classes/fee relief categories³ and Carryover/Appropriation reductions⁵

Increases include: resources allocated from other Business Lines⁴
(i.e. Nuclear Materials and Decommissioning/LLW)

Regulatory Flexibility Analysis

Section IV.

The Regulatory Flexibility Act (RFA), as amended 5 U.S.C. § 601 *et seq.*, requires that agencies consider the impact of their rulemakings on small entities and, consistent with applicable statutes, consider alternatives to minimize these impacts on the businesses, organizations, and government jurisdictions to which they apply.

Additionally, the Small Business Regulatory Enforcement Fairness Act (SBREFA) requires all Federal agencies to prepare a written compliance guide for each rule for which the agency is required to prepare a regulatory flexibility analysis. Therefore, in compliance with the law, the NRC has made publicly available via ADAMS the “FY 2023 Small Entity Compliance Guide”.

Licensees may use this guide to determine whether they qualify as a small entity under NRC regulations and are eligible to pay reduced FY 2023 annual fees assessed under 10 CFR Part 171. The NRC has established two tiers of annual fees for those materials licensees who qualify as small entities under the NRC’s size standards.

Budget Authority (FY 2023)

The table below delineates where the *major* portion of a Business Line’s direct budgetary resources are allocated when calculating 10 CFR Part 171 fees for a license fee class. The indirect portion of a Business Line (e.g. Training, Travel, Mission Support and Supervisors), as well as Corporate Support and Inspector General budgetary resources, are distributed among all license fee classes.

CROSSWALK OF BUSINESS LINES’ ALLOCATION TO FEE CLASSES*

Business Line	License Fee Class
Operating Reactors	Power Reactors, Non-Power Production or Utilization Facilities
New Reactors	Power Reactors
Fuel Facilities	Fuel Facilities
Nuclear Materials Users	Materials Users
Spent Fuel Storage and Transportation	Spent Fuel Storage/Reactor Decommissioning, Transportation
Decommissioning and Low-level Waste	Spent Fuel Storage/Reactor Decommissioning, Uranium Recovery, Rare Earth

**Delineates where the major portion of a Business Line’s direct budgetary resources are allocated for a license fee class. Does not include fee-relief allocation. NRC does not have licensees under the Rare Earth fee class.*

More information about 10 CFR Part 170 and 10 CFR Part 171 can be found at NRC’s public website: <http://www.nrc.gov/about-nrc/regulatory/licensing/fees.html>.

Budget Authority (FY 2023)

FY 2023 Budget Summary by Program

This report is provided as supplemental information. It provides a summary of the FY 2023 budgeted FTE and contract dollars allocated to each fee class and fee-relief/surcharge activities at the Program level. The Programs include: 1) Nuclear Reactor Safety, 2) Nuclear Materials & Waste Safety, 3) Corporate Support, and 4) Inspector General.

FY 2023 MISSION DIRECT BUDGETED RESOURCES													
<i>Includes Fee Relief Resources</i>													
	TOTAL		POWER REACTORS ALLOCATIONS		SPENT FUEL STORAGE/ REACTOR DECOMM. ALLOCATIONS		NON POWER PRODUCTION OR UTILIZATION FACILITIES ALLOCATIONS		FUEL FACILITY ALLOCATIONS		MATERIALS ALLOCATIONS		
	CONTRACT	FTE	CONTRACT	FTE	CONTRACT	FTE	CONTRACT	FTE	CONTRACT	FTE	CONTRACT	FTE	
	\$,K		\$,K		\$,K		\$,K		\$,K		\$,K		
NUCLEAR REACTOR SAFETY	103,822.3	1,685.0	86,631.0	1243.4	159.0	0.3	186.0	10.6	5.0	0.0	2.0	0.00	
NUCLEAR MATERIALS & WASTE SAFETY	26,562.0	444.2	5.0	1.3	4,477.0	82.0	1.0	0.0	2,167.0	52.5	1,300.0	80.50	
CORPORATE	162,588.0	579.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	
INSPECTOR GENERAL(no DNSFB)	2,377.0	58.0											
SUBTOTAL - FEE BASE RESOURCE	295,349.3	2,766.2	86,636.0	1244.7	4,636.0	82.3	187.0	10.6	2,172.0	52.5	1,302.0	80.50	

FY 2023 MISSION DIRECT BUDGETED RESOURCES													
Includes Fee Relief Resources													
	TOTAL		TRANSPORTATION ALLOCATIONS		URANIUM RECOVERY ALLOCATIONS		RARE EARTH ALLOCATIONS		IMPORT/EXPORT ALLOCATIONS		INCLUDED IN FEE-RELIEF ACTIVITIES		
	CONTRACT		CONTRACT		CONTRACT		CONTRACT		CONTRACT		CONTRACT		
	\$,K	FTE	\$,K	FTE	\$,K	FTE	\$,K	FTE	\$,K	FTE	\$,K	FTE	
NUCLEAR REACTOR SAFETY	103,822.3	1,685.0	3.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	433.3	59.6	
NUCLEAR MATERIALS & WASTE SAFETY	26,562.0	444.2	1,511.0	20.6	0.0	1.0	0.0	0.6	0.0	0.0	12,550.0	111.8	
CORPORATE	162,588.0	579.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
INSPECTOR GENERAL(no DNSFB)	2,377.0	58.0											
SUBTOTAL - FEE BASE RESOURCE	295,349.3	2,766.2	1,514.0	20.7	0.0	1.0	0.0	0.6	0.0	0.0	12,983.3	171.4	

FY 2023 MISSION DIRECT BUDGETED RESOURCES Includes Fee Relief Resources	INCLUDED IN												AGREEMENT		AGREEMENT	
	PROFESSIONAL				NONPROFIT ED.		INTERNATIONAL				STATE		STATE			
	HOURLY & FTE RATE				EXEMPTION		ACTIVITIES				OVERSIGHT		REG SUPPORT			
	(overhead)															
TOTAL		CONTRACT	FTE	CONTRACT	FTE	CONTRACT	FTE	CONTRACT	FTE	CONTRACT	FTE	CONTRACT	FTE			
		\$,K		\$,K		\$,K		\$,K		\$,K		\$,K				
NUCLEAR REACTOR SAFETY	103,822.3	1,685.0	16,403.0	371.0	100.0	25.0	65.0	26.5	20.0	1.2	4.0	0.0				
NUCLEAR MATERIALS & WASTE SAFETY	26,562.0	444.2	4,201.0	86.0	53.0	3.8	6,148.0	22.0	1,072.0	22.0	3,166.0	23.8				
CORPORATE	162,588.0	579.0	162,588.0	579.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
INSPECTOR GENERAL(no DNSFB)	2,377.0	58.0	2,377.0	58.0												
SUBTOTAL - FEE BASE RESOURCE	295,349.3	2,766.2	185,569.0	1,094.0	153.00	28.80	6,213.00	48.50	1,092.00	23.20	3,170.00	23.80				

FY 2023 MISSION DIRECT BUDGETED RESOURCES														
Includes Fee Relief Resources														
	ISL RULE/ GEN LICENSEES/ FELLOWSHIPS				GENERIC DECOMMISS/ RECLAMATION				MILITARY RADIUM 226		PUBLIC RADIUM 226		GENERIC LLW	
	TOTAL		CONTRACT		CONTRACT		CONTRACT		CONTRACT		CONTRACT		CONTRACT	
	\$,K	FTE	\$,K	FTE	\$,K	FTE	\$,K	FTE	\$,K	FTE	\$,K	FTE	\$,K	FTE
NUCLEAR REACTOR SAFETY	103,822.3	1,685.0	244.3	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NUCLEAR MATERIALS & WASTE SAFETY	26,562.0	444.2	251.0	5.2	1,860.0	32.6	0.0	2.0	0.0	0.4	350.0	7.9		
CORPORATE	162,588.0	579.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
INSPECTOR GENERAL(no DNSFB)	2,377.0	58.0												
SUBTOTAL - FEE BASE RESOURCE	295,349.3	2,766.2	495.30	12.10	1,860.00	32.60	0.00	2.00	0.00	0.40	350.00	7.90		