

**FY 2024
PROPOSED
FEE RULE
WORK PAPERS**

FY 2024 Proposed Fee Rule Work Papers

The supporting information to the FY 2024 Proposed 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 Proposed 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 2024 Proposed 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 III

Table I Table II

The NRC is issuing this FY 2024 proposed fee rule based on the FY 2024 budget request as further described in the NRC's FY 2024 Congressional Budget Justification (CBJ) (NUREG-1100, Volume 39) because a full-year appropriation has not yet been enacted for FY 2024. The proposed fee rule reflects a total budget authority in the amount of \$1006.3 million, an increase of \$79.1 million from FY 2023. The FY 2024 budget request proposes the use of \$27.1 million in carryover to offset the Nuclear Reactor Safety budget, resulting in a gross budget authority of \$979.2 million, which is an increase of \$52.1 million from FY 2023. 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 2024 CBJ, these exclusions total \$156.0 million, consisting of \$104.2 million for fee-relief activities; \$34.2 million for advanced reactor regulatory infrastructure activities; \$15.1 million for generic homeland security activities; \$1.0 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 \$823.2 million in FY 2024 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 2024 would be \$35.1 million more than the amount estimated for recovery in FY 2023, an increase of 4.4 percent.

The FY 2024 fee recovery amount is increased by \$2.5 million to account for billing adjustments (i.e., for FY 2024 invoices that the NRC estimates will not be paid during the fiscal year, less payments received in FY 2024 for prior year invoices). This leaves approximately \$825.7 million to be billed as fees in FY 2024 through 10 CFR Part 170 licensing and inspection fees and 10 CFR Part 171 annual fees.

The NRC estimates that \$205.5 million would be recovered from 10 CFR Part 170 fees in FY 2024. This represents an increase of \$10.5 million or approximately 5.4 percent as compared to the estimated 10 CFR Part 170 collections of \$195.0 million for FY 2023. The remaining \$620.2 million would be recovered through the 10 CFR Part 171 annual fees in FY 2024, which is an increase of \$24.6 million when compared to estimated 10 CFR Part 171 collections of \$595.6 million for FY 2023.

See Tab "Budget Authority (FY 2024)" for supplemental information on the distribution of budgeted FTE and contract dollars.

Budget and Fee Recovery
FY 2024
(\$ in Millions)
(Individual dollar amounts may not add to totals due to rounding)

	<u>FY 2024</u>
Total Budget Authority	\$979.2
Less Budget Authority for Excluded Activities	<u>-\$156.0</u>
Balance	\$823.2
Fee Recovery Rate for FY 2024	<u>x 100</u>
Total Amount to be Recovered For FY 2024	\$823.2
Estimated Amount to be Recovered through 10 CFR Part 170 Fees	<u>-\$205.5</u>
Estimated Amount to be Recovered through 10 CFR Part 171 Fees	\$617.7
10 CFR Part 171 Billing Adjustments	\$2.5
Adjusted 10 CFR Part 171 Annual Fee Collections Required	\$620.2

Congressional Budget Justification FY 2024

(\$ in Thousands)

	Enacted Budget
<u>Total Budget Authority for Salaries & Expenses and Office of the Inspector General:</u>	
Budget Authority	\$979,209
Less: Revenue from services and collections to be Recovered	\$823,209
Net Budget Appropriation	\$156,000

Excluded from Budget Authority Activities:

Generic Homeland Security	\$15,058
Advanced Reactors Regulatory Infrastructure	\$34,204
Waste Incidental to Reprocessing	\$1,016
Nuclear Waste Fund	\$0
Defense Nuclear Facilities Safety Board	\$1,535
*Fee Relief Activities Fully Costed	\$104,187
 Net Budget Appropriation	 \$156,000

*Fee Relief Activities

International Activities	\$37,525
Agreement States Oversight	\$12,755
Medical Isotope Production Infrastructure	\$723
Costs not recovered from Small Entities	\$10,419
Regulatory Support to Agreement States	\$12,099
Fee Exemption for Non Profit Educational Institutions	\$19,008
Generic Decommissioning/ Reclamation	\$2,780
Uranium Recovery Program & Unregistered General Licensees	\$7,902
Potential Department of Defense remediation program	\$783
Non-Military Radium Sites	\$193
	\$193

Fee Relief Activities @ fully costed rate	\$104,187
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10 CFR Part 170 Fees

Section III.A

10 CFR Part 170 Fees

Determination of Professional Hourly Rate

Section III.A.1

Table III

Final Professional Hourly Rate is \$321

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 Capital Management Cloud System for the most recent completed fiscal year (FY 2023) to determine if the annual direct hours worked per direct FTE estimate requires updating for the FY 2024 fee rule. Based on this review using actual time and labor data, the NRC determined that 1,500 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 estimation, 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 is calculated using actual time and labor data in HCM Cloud (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
2,007,966				
2,797,041	X	Total work hours in a year (2,087)	=	1,500

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 (\$):	(2)/(1) FTE Rate (\$)
NUCLEAR REACTOR SAFETY (Less Excluded Activities)	1,723	392,888	228,091
Excluded Activities	85	20,917	247,240
NUCLEAR MATERIAL SAFETY (Less Excluded Activities)	461	105,577	229,067
Excluded Activities	20	4,629	231,460
CORPORATE SUPPORT	588	131,577	223,771
Excluded Activities	-	-	-
INSPECTOR GENERAL (Less Excluded Activities)	68	14,728	216,581
TOTAL	<u>2,944</u>	<u>670,315</u>	

MISSION DIRECT RESOURCES

(in actual \$)	nonlabor	labor
NUCLEAR REACTOR SAFETY	\$61,673,000	\$308,949,930
NUCLEAR MATERIALS AND WASTE SAFETY	\$29,659,300	\$85,877,316
CORPORATE SUPPORT	\$2,000,000	\$223,771
TOTAL	<u>\$93,332,300</u>	<u>\$395,051,016</u>

PROGRAM SUPPORT (or MISSION
INDIRECT) RESOURCES

(in actual \$)	nonlabor	labor
NUCLEAR REACTOR SAFETY (BUDGET PROGRAM)	\$13,293,500	\$83,937,670
NUCLEAR MATERIALS AND WASTE SAFETY (BUDGET PROGRAM)	\$3,224,000	\$19,699,784
TOTAL	<u>\$16,517,500</u>	<u>\$103,637,454</u>

AGENCY SUPPORT (CORPORATE
SUPPORT & IG) RESOURCES

(in actual \$)	nonlabor	labor
TOTAL	\$172,777,000	\$146,080,949

TOTALS	Total (\$)
Direct Labor	\$395,051,016
Direct Nonlabor (excl. from hourly rates)	\$93,332,300
Indirect Program Support Labor	\$103,637,454
Indirect Program Support Nonlabor	\$16,517,500
Agency Support: Corporate & OIG Labor	\$146,080,949
Agency Support: Corporate & OIG NonLabor	\$172,777,000
TOTAL	<u>\$927,396,220</u>

DETERMINATION OF PROFESSIONAL HOURLY RATE CONTINUED

	% total	value
Total included in professional hourly rates:		
Mission-Direct Program Salaries & Benefits	47.36%	\$395,051,016
Mission-Indirect Program Support	14.41%	\$120,154,954
Agency Support: Corporate Support w/ Inspector General	38.23%	\$318,857,949
Total	100.00%	<u>\$834,063,920</u>
less offsetting receipts*		\$3,984
Total in professional hourly rate**		\$834,059,936
Mission-Direct FTE		1,730
FTE rate- Full Costed** ('Total' line divided by 'Mission Direct FTE')		\$482,006
Annual Mission-direct FTE productive hours		1,500
Mission-direct FTE converted to hours ('Mission Direct FTE' multiplied by 'Annual Mission direct FTE productive hours')		2,595,600
Professional Hourly rate** ('Total in professional hourly rates' divided by 'FTE converted to hours')		\$321

*Calculation of offsetting receipts

	Total %	value
FOIA	\$3,984	100% \$3,984
INDEMNITY	\$0	100% \$0
TOTAL		<u>\$3,984</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.

	FY24		FY23		Difference	
	Contract (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	FTE
PROGRAM: NUCLEAR REACTOR SAFETY						
BUSINESS LINE: NEW REACTORS						
Travel						
International Activities Travel	300	0.0	0	0.0	300	0.0
Mission Travel	1,009	0.0	1,762	0.0	(753)	0.0
Support Staff						
Supervisory Staff	0	28.0	0	29.0	0	(1.0)
Admin Assistants	3	8.0	3	9.0	0	(1.0)
Non-Supervisory Staff	0	8.0	0	8.0	0	0.0
PROGRAM: NUCLEAR REACTOR SAFETY						
BUSINESS LINE: OPERATING REACTORS						
Travel						
International Activities Travel	789	0.0	756	0.0	33	0.0
Mission Travel	8,968	0.0	11,591	0.0	(2623)	0.0
Support Staff						
Supervisory Staff	0	174.5	0	174.5	0	0.0
Recruitment & Staffing	0	8.0	0	8.0	0	0.0
Admin Assistants	802	83.5	592	83.5	210	0.0
Non-Supervisory Staff	1,423	58.0	1,699	59.0	(277)	(1.0)
Grand Total Nuclear Reactor Safety	13,294	368	16,403	371.0	(3110)	(3.0)
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: FUEL FACILITIES						
Travel						
International Activities Travel	80	0.0	80	0.0	0	0.0
Mission Travel	512	0.0	662	0.0	(150)	0.0
Support Staff						
Supervisory Staff	0	11.0	0	10.0	0	1.0
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	80	0.0	83	0.0	(3)	0.0
International Assistance Travel	404	0.0	332	0.0	72	0.0
Mission Travel	788	0.0	1,171	0.0	(383)	0.0
Support Staff						
Supervisory Staff	0	20.0	0	22.0	0	(2.0)
Admin Assistants	76	9.0	344	9.0	(268)	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	647	0.0	767	0.0	(120)	0.0
International Activities Travel	69	0.0	80	0.0	(11)	0.0
Support Staff						
Supervisory Staff	0	12.0	0	11.0	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	356	0.0	470	0.0	(114)	0.0
International Activities Travel	120	0.0	120	0.0	0	0.0

Mission Program Indirect Budgeted Resources for Professional Hourly Rate Calculation

	FY24		FY23		Difference	
	Contract (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	FTE
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	3,224	86	4,201	86	(977)	0.0
Total Mission Program Indirect Resources	\$16,518	454.0	20,604	457.0	(4,087)	(3.0)
Total value of Mission Program Indirect Resources (FY 24 contract funding + 454 FTE multiplied by S&B rates)	\$16,518	\$ 103,637	\$ 20,604	\$ 98,152	\$ (4,087)	\$ 5,485

	FY24		FY23		Difference	
	Contract (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	FTE
CORPORATE SUPPORT						
BUSINESS LINE: CORPORATE SUPPORT						
Acquisitions						
Mission IT	4,144	2.0	2,360	2.0	1,784	0.0
Procurement Operations	562	40.0	546	39.0	16	1.0
Administrative Assistants	0	0.0	0	0.0	0	0.0
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	1,315	2.0	1,320	2.0	(5)	0.0
Mission IT Infrastructure	147	0.0	146	0.0	1	0.0
Supervisory Staff	0	9.0	0	9.0	0	0.0
Support Services	4,086	19.0	4,572	19.0	(486)	0.0
Administrative Assistants	170	2.0	170	2.0	0	0.0
IT Infrastructure	130	1.0	0	1.0	130	0.0
Facility Management	7,050	12.0	6,648	12.0	402	0.0
Non-Supervisory Staff	15	5.0	15	5.0	0	0.0
Physical & Personnel Security	12,236	19.0	12,450	19.0	(214)	0.0
Corporate Travel	50	0.0	30	0.0	20	0.0
Rent & Utilities	30,779	2.0	30,346	1.0	433	1.0
Financial Management						
Mission IT	11,531	9.0	10,046	9.0	1,485	0.0
Corporate Rulemaking	0	2.0	0	2.0	0	0.0
Supervisory Staff	0	13.0	0	13.0	0	0.0
Budgeting	0	25.0	411	25.0	(411)	0.0
Administrative Assistants	0	2.0	0	2.0	0	0.0
Non-Supervisory Staff	239	2.0	261	2.0	(22)	0.0
Corporate Travel	19	0.0	19	0.0	0	0.0
Financial Services	2,772	21.0	2,772	21.0	0	0.0
Management controls	415	19.0	4	19.0	411	0.0
Human Resource Management						
Mission IT	1,461	4.0	1,473	4.0	(12)	0.0
Supervisory Staff	0	7.0	0	7.0	0	0.0
Non-Supervisory Staff	188	3.0	188	2.0	0	1.0
Administrative Assistants	0	1.0	0	1.0	0	0.0
Corporate Travel	204	0.0	87	0.0	117	0.0
Employee/Labor Relations	15	5.0	15	5.0	0	0.0
Policy Development & SWP	27	5.0	27	5.0	0	0.0
Recruitment & Staffing	850	18.0	820	15.0	30	3.0
Change of Station	8,769	0.0	6,120	0.0	2,649	0.0
Work Life Services	2,005	5.0	2,143	4.0	(138)	1.0
Information Technology						
IM Technologies	10,067	9	9,471	9	596	0.0
IT Infrastructure	43,859	60.0	48,507	55.0	(4,648)	5.0
IT Security	17,440	22.0	11,125	26.0	6,315	(4.0)
Information Services	2,548	12.0	1,834	12.0	714	0.0
Information Security	0	1.0	625	1.0	(625)	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	362	1.0	0	0.0
Content Management	0	5.0	752	5.0	(752)	0.0
IT Strategic Management	1,123	43.0	1,050	44.0	73	(1.0)
Outreach						
Small Business & Civil Rights	945	10.0	945	9.0	0	1.0
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	770	0.0	775	0.0	(5)	0.0
International Policy Outreach	221	3.0	221	3.0	0	0.0
International Activities Travel	20	0.0	20	0.0	0	0.0

	FY24		FY23		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	32.0	0	0.0
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	1,203	33.0	1,230	33.0	(27)	0.0
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	95	15.0	0	0.0
Non-Supervisory Staff	61	1.0	61	1.0	0	0.0
Corporate Travel	775	0.0	775	0.0	0	0.0
Training						
Mission IT	119	2.0	118	2.0	1	0.0
Training and Development	1,036	5.0	950	3.0	86	2.0
Organizational Development	42	1.0	42	2.0	0	(1.0)
Supervisory Staff	0	3.0	0	3.0	0	0.0
Administrative Assistants	11	0.0	6	1.0	5	(1.0)
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	167	0.0	287	0.0	(120)	0.0
Total Agency Support (Corporate Support) Resources	170,391	587.0	162,588	579.0	7,803	8.0
Total value of Corporate Support Resources (contract funding + 587 FTE multiplied by S&B rate)	\$ 170,391	\$ 131,353.5	\$ 162,588	\$ 122,662.8	\$ 7,803	\$ 8,690.7
Office of Inspector General	2,386	\$ 68.0	2,377	58.0	9	10.0
Total value of the Office of Inspector General Resources (contract funding + 68 FTE multiplied by S&B rate)	\$ 2,386	\$ 14,727.4	\$ 2,377	\$ 11,873	\$ 9	\$ 2854.8
Total Agency Support (Corporate Support and the IG) Resources	\$ 172,777	\$ 146,080.9	\$ 164,965	\$ 134,535.4	\$ 7,812	\$ 11,545.5

10 CFR Part 170 Fees

Service Fees

Section III.A.2

Flat application fees are calculated by multiplying the average professional staff hours needed to process the licensing actions by the proposed professional hourly rate (\$321 for FY 2024). 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 2024**

FY2024 Professional Hourly Rate
\$321

Materials Part 170 Fee	FY 2023 Estimated Professional Process Time	FY 2024 Fee/Cost (Professional Time x FY 2024 Professional Hourly Rate)	FY 2024 Fee/Cost (Rounded)
Category	(Hours)*		
1. Special Nuclear Material			
1C. Industrial Gauges			
Inspection Costs**	7.7	\$2,474	\$2,500
New License	4.6	\$1,478	\$1,500
1D. All Other SNM Material, less critical mass			
Inspection Costs**	28.8	\$9,254	\$9,300
New License	9.3	\$2,988	\$3,000
2. Source Material			
2B. Shielding			
Inspection Costs**	10	\$3,213	\$3,200
New License	4.4	\$1,414	\$1,400
2C. Exempt Distribution/SM			
Inspection Costs**	27.9	\$8,965	\$9,000
New License	21.4	\$6,877	\$6,900
2D. General License Distribution			
Inspection Costs**	15.6	\$5,013	\$5,000
New License	9.9	\$3,181	\$3,200
2E. Manufacturing Distribution			
Inspection Costs**	15.6	\$5,013	\$5,000
New License	9.5	\$3,053	\$3,100
2F. All Other Source Material			
Inspection Costs**	32.1	\$10,315	\$10,300
New License	9.5	\$3,053	\$3,100
3. Byproduct Material			
3A. Mfg-Broad Scope			
Inspection Costs**	78.3	\$25,161	\$25,200
New License	46.8	\$15,039	\$15,000
3. Byproduct Material			
3A1. Mfg-Broad Scope			
Inspection Costs**	104.4	\$33,547	\$33,500
New License	62.2	\$19,987	\$20,000
3. Byproduct Material			
3A2. Mfg-Broad Scope			
Inspection Costs**	130.5	\$41,934	\$41,900
New License	77.7	\$24,968	\$25,000

**DETERMINATION OF MATERIALS PART 170 APPLICATION FEES
and Average Inspection Costs **
FY 2024**

FY2024 Professional Hourly Rate
\$321

Materials Part 170 Fee			
Category	FY 2023 Estimated Professional Process Time	FY 2024 Fee/Cost (Professional Time x FY 2024 Professional Hourly Rate)	FY 2024 Fee/Cost (Rounded)
3B. Mfg-Other			
Inspection Costs**	31.1	\$9,994	\$10,000
New License	12.9	\$4,145	\$4,100
3B1. Mfg-Other (sites 6-19)			
Inspection Costs**	41.4	\$13,303	\$13,300
New License	17.2	\$5,527	\$5,500
3B2. Mfg-Other (sites 20 or more)			
Inspection Costs**	51.8	\$16,645	\$16,600
New License	21.4	\$6,877	\$6,900
3C. Mfg/Distribution Radiopharmaceuticals			
Inspection Costs**	26.6	\$8,548	\$8,500
New License	18.7	\$6,009	\$6,000
3C1. Mfg/Distribution Radiopharmaceuticals			
Inspection Costs**	35.5	\$11,407	\$11,400
New License	24.9	\$8,001	\$8,000
3C2. Mfg/Distribution Radiopharmaceuticals			
Inspection Costs**	44.4	\$14,267	\$14,300
New License	31.0	\$9,961	\$10,000
3D. Distribution Radiopharmaceuticals/No Process			
Inspection Costs**	0	\$0	\$0
New License	0	\$0	\$0
3E. Irradiators/Self-Shielded			
Inspection Costs**	39.2	\$12,596	\$12,600
New License	11.5	\$3,695	\$3,700
3F. Irradiators < 10,000 Ci			
Inspection Costs**	15.7	\$5,045	\$5,000
New License	23.4	\$7,519	\$7,500
3G. Irradiators => 10,000 Ci			
Inspection Costs**	31.4	\$10,090	\$10,100
New License	223.2	\$71,722	\$71,700
3H. Exempt Distribution/Device Review			
Inspection Costs**	16.6	\$5,334	\$5,300
New License	23.9	\$7,680	\$7,700
3I. Exempt Distribution/No Device Review			
Inspection Costs**	17.5	\$5,623	\$5,600
New License	36.8	\$11,825	\$11,800

**DETERMINATION OF MATERIALS PART 170 APPLICATION FEES
and Average Inspection Costs **
FY 2024**

FY2024 Professional Hourly Rate
\$321

Materials Part 170 Fee			
Category	FY 2023 Estimated Professional Process Time	FY 2024 Fee/Cost (Professional Time x FY 2024 Professional Hourly Rate)	FY 2024 Fee/Cost (Rounded)
3J. General License Distribution/Device Review			
Inspection Costs**	10.5	\$3,374	\$3,400
New License	7.2	\$2,314	\$2,300
3K. General License Distribution/No Device Review			
Inspection Costs**	10.4	\$3,342	\$3,300
New License	4.1	\$1,317	\$1,300
3L. R&D-Broad			
Inspection Costs**	39.1	\$12,564	\$12,600
New License	19.7	\$6,330	\$6,300
3L1 R&D-Broad			
Inspection Costs**	52.1	\$16,742	\$16,700
New License	26.2	\$8,419	\$8,400
3L2 R&D-Broad			
Inspection Costs**	65.2	\$20,951	\$21,000
New License	32.7	\$10,508	\$10,500
3M. R&D-Other			
Inspection Costs**	31.7	\$10,186	\$10,200
New License	29.8	\$9,576	\$9,600
3N. Service License			
Inspection Costs**	28.9	\$9,287	\$9,300
New License	32	\$10,283	\$10,300
3O. Radiography			
Inspection Costs**	30.4	\$9,769	\$9,800
New License	36.4	\$11,697	\$11,700
3O1. Radiography			
Inspection Costs**	40.6	\$13,046	\$13,000
New License	48.3	\$15,521	\$15,500
3O2. Radiography			
Inspection Costs**	50.7	\$16,292	\$16,300
New License	60.6	\$19,473	\$19,500
3P. All Other Byproduct Material			
Inspection Costs**	24.1	\$7,744	\$7,700
New License	24.7	\$7,937	\$7,900
3P1. All Other Byproduct Material			
Inspection Costs**	32.2	\$10,347	\$10,300
New License	33.0	\$10,604	\$10,600

**DETERMINATION OF MATERIALS PART 170 APPLICATION FEES
and Average Inspection Costs **
FY 2024**

FY2024 Professional Hourly Rate
\$321

Materials Part 170 Fee			
Category	FY 2023 Estimated Professional Process Time	FY 2024 Fee/Cost (Professional Time x FY 2024 Professional Hourly Rate)	FY 2024 Fee/Cost (Rounded)
3P2. All Other Byproduct Material			
Inspection Costs**	40.2	\$12,918	\$12,900
New License	41.2	\$13,239	\$13,200
3R1. Radium-226 (less than or equal to 10x limits in 31.12)			
Inspection Costs**	24.2	\$7,776	\$7,800
New License	9.2	\$2,956	\$3,000
3R2. Radium-226 (more than 10x limits in 31.12)			
Inspection Costs**	16.2	\$5,206	\$5,200
New License	9	\$2,892	\$2,900
3S. Accelerator Produced Radionuclides			
Inspection Costs**	30.3	\$9,736	\$9,700
New License	51.1	\$16,420	\$16,400
4B. Waste Packaging			
Inspection Costs**	21	\$6,748	\$6,700
New License	24.9	\$8,001	\$8,000
4C. Waste-Prepackaged			
Inspection Costs**	14.2	\$4,563	\$4,600
New License	18	\$5,784	\$5,800
5. Well Logging			
5A. Well Logging			
Inspection Costs**	30.1	\$9,672	\$9,700
New License	16.5	\$5,302	\$5,300
6. Nuclear Laundries			
6A. Nuclear Laundry			
Inspection Costs**	21.7	\$6,973	\$7,000
New License	79.7	\$25,610	\$25,600
7. Human Use			
7A. Teletherapy			
Inspection Costs**	89.4	\$28,727	\$28,700
New License	40	\$12,853	\$12,900
7. Human Use			
7A1. Teletherapy			
Inspection Costs**	119.2	\$38,303	\$38,300
New License	53.2	\$17,095	\$17,100
7. Human Use			

**DETERMINATION OF MATERIALS PART 170 APPLICATION FEES
and Average Inspection Costs **
FY 2024**

**FY2024 Professional Hourly Rate
\$321**

Materials Part 170 Fee	FY 2023 Estimated Professional Process Time	FY 2024 Fee/Cost (Professional Time x FY 2024 Professional Hourly Rate)	FY 2024 Fee/Cost (Rounded)
Category			
7A2. Teletherapy			
Inspection Costs**	149.0	\$47,879	\$47,900
New License	66.4	\$21,337	\$21,300
7B. Medical-Broad			
Inspection Costs**	84	\$26,992	\$27,000
New License	31.2	\$10,026	\$10,000
7B1. Medical-Broad			
Inspection Costs**	112.0	\$35,990	\$36,000
New License	41.5	\$13,334	\$13,300
7B2. Medical-Broad			
Inspection Costs**	140.0	\$44,987	\$45,000
New License	51.8	\$16,643	\$16,600
7C. Medical-Other			
Inspection Costs**	23.7	\$7,616	\$7,600
New License	34.1	\$10,958	\$11,000
7C1. Medical-Other			
Inspection Costs**	31.6	\$10,154	\$10,200
New License	45.5	\$14,621	\$14,600
7C2. Medical-Other			
Inspection Costs**	42.2	\$13,560	\$13,600
New License	56.8	\$18,252	\$18,300
8. Civil Defense			
8A. Civil Defense			
Inspection Costs**	24.2	\$7,776	\$7,800
New License	9.2	\$2,956	\$3,000
9. Device, product or sealed source evaluation			
9A. Device evaluation-commercial distribution			
Application - each device	73.2	\$23,522	\$23,500
9B. Device evaluation - custom			
Application - each device	32.4	\$10,411	\$10,400
9C. Sealed source evaluation - commercial distribution			
Application - each source	19	\$6,105	\$6,100
9D. Sealed source evaluation - custom			
Application - each source	3.8	\$1,221	\$1,200
10. Transportation			

**DETERMINATION OF MATERIALS PART 170 APPLICATION FEES
and Average Inspection Costs **
FY 2024**

**FY2024 Professional Hourly Rate
\$321**

Materials Part 170 Fee

Category	FY 2023 Estimated Professional Process Time	FY 2024 Fee/Cost (Professional Time x FY 2024 Professional Hourly Rate)	FY 2024 Fee/Cost (Rounded)
10B. Evaluation - Part 71 QA program			
Application - approval	14	\$4,499	\$4,500
17. Master Materials License¹			
Inspection Costs**	476.4	\$153,085	\$153,100
New License	565	\$181,555	\$181,600

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 III.A.2

Note: Since FY 2022 international activities are excluded from fee recovery requirement, fees are not assessed for 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).

FY 2024 MISSION DIRECT BUDGETED RESOURCES				
	TOTAL		IMPORT/EXPORT ALLOCATIONS	
	CONTRACT		CONTRACT	
	\$,K	FTE	\$,K	FTE
NUCLEAR REACTOR SAFETY	74,966.5	1,722.5	0.0	0.0
NUCLEAR MATERIALS & WASTE SAFETY	32,883.3	460.9	0.0	0.0
CORPORATE	172,391.0	588.0	0.0	0.0
INSPECTOR GENERAL(no DNSFB)	2,386.0	68.0		
SUBTOTAL - FEE BASE RESOURCE	282,626.8	2,839.4	0.0	0.0
Figures below in \$, M (unless otherwise indicated)				
(1) FY 2024 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown below)				0.0000
(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 2024 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 2024 ANNUAL FEE (equals 5+8+10+11)				0.00
(13) Number of Licensees				different for different categories of licenses; see other worksheets
(14) Fee Per License (equals 12/13)				
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	482,006			

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

	FY24		FY23		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 2024**

**FY2024 Professional Hourly Rate
\$321**

Materials Part 170 Fee

Category	FY 2023 Estimated Professional Process Time	FY 2024 Fee/Cost (Professional Time x FY 2024 Professional Hourly Rate)	FY 2024 Fee/Cost (Rounded)
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**DETERMINATION OF EXPORT AND IMPORT PART 170 FEES
FY 2024**

FY 2024 Professional Hourly Rate = \$321

Export and Import Part 170 Fees

Category	FY 2024 Estimated Professional Process Time (Hours)*	FY 2024 Fee/Cost (Professional Time x FY 2024 Professional Hourly Rate)	FY 2024 Fee/Cost (Rounded)
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**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 III.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.

10 CFR Part 170 Fees

General License Registration Fees

Section III.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 2024**

**FY2024 Professional Hourly Rate
\$321**

Materials Part 170 Fee

Category

FY 2023
Estimated
Professional
Process Time

FY 2024 Fee/Cost
(Professional Time x FY
2024 Professional
Hourly Rate)

**DETERMINATION OF GENERAL LICENSE REGISTRATION FEE , FY 2024
(FEE CATEGORY 3Q)**

	<u>Total GL Resources</u>	<u>% Supporting Registrable GLs</u>	<u>Total Supporting Registrable GLs</u>
<u>NMSS GL Program</u>			
budgeted FTE			
	Regions		0.00
	HQ		1.90
budgeted contract \$			
	Regions		\$0
	HQ		\$211,000
full cost of FTE	\$482,006		\$482,006
Total budgeted resources, NMSS GL Program (equals full cost of FTE + contract \$)			\$1,126,812
Less: portion of budgeted resources associated w/fee exempt GLs (nonprofit educational)			\$39,438
net to be recovered			\$1,087,374
fee assuming 499 registrable GLs			\$2,179.11
fee, rounded			\$2,200

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 2023 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 2023 Actual Part 170-User Fees % of Total Collections for the Fee Class	FY 2023 Actual Part 171-Annual Fees % of Total Collections for the 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
Fee-Relief Activities	100%	0%	100%	0%
Operating Power Reactors	23%	77%	25%	75%
Fuel Facilities	31%	69%	36%	64%
Spent Fuel Storage/Reactor Decommissioning	28%	72%	31%	69%
Non-Power Production or Utilization Facilities	92%	8%	97%	3%
Uranium Recovery	57%	43%	69%	31%
Nuclear Materials Users	3%	97%	3%	97%
Rare Earth	100%	0%	100%	0%
Transportation	61%	39%	70%	30%
Export and Import Fees	0%	0%	0%	0%
Total	24%	76%	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 III.B

10 CFR Part 171 Annual Fees

Application of LLW Surcharge

Section III.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**

	FY24		FY23		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	262	4.7	0	0.0
Rulemaking						
Rulemaking	88	2.5	88	3.2	0	(0.7)
Total Direct Resources	350	7.2	350	7.9	0	(0.7)
Grand Total Nuclear Materials & Waste Safety	350	7.2	350	7.9	0	(0.7)
TOTAL GENERIC LOW LEVEL WASTE	350	7.2	350	7.9	0	(0.7)
Total value of budgeted resources for fee class(mission direct FTE x full cost of FTE + mission direct contract \$)	\$3,820		\$4,023		\$(202)	

Low-Level Waste Surcharge for FY 2024 Proposed 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 III.B.2.a

Table VI

In FY 2024, the NRC proposes to collect \$515.9 million in annual fees from the operating power reactors fee class. The fee-recoverable budgeted costs are divided equally among the 94 licensed operating power reactors. This results in a FY 2024 proposed annual fee of \$5,488,000 per operating power reactor. Additionally, the NRC estimates that each licensed operating power reactor will be assessed the FY 2024 spent fuel storage/reactor decommissioning proposed annual fee of \$330,000. The NRC estimates that the combined FY 2024 proposed annual fee for each operating power reactor will be \$5,818,000.

Note: In FY 2016, the NRC amended 10 CFR 171.15 to establish a variable annual fee structure for light-water reactor (LWR) small modular reactors (SMRs) (81 FR 32617; May 24, 2016). In FY 2023, the NRC further amended part 171.5 to: 1) expand the applicability of the SMR variable fee structure to include non-LWR SMRs; and 2) establish an additional minimum fee and variable rate applicable to SMRs with a licensed thermal power rating of less than or equal to 250 megawatts-thermal (MWt) (88 FR 39120; June 15, 2023). This revision to the SMR variable annual fee structure retained the bundled unit concept for SMRs and the approach for calculating fees for reactors, or bundled units, with licensed thermal power ratings greater than 250 MWt. Currently, there are no operating SMRs; therefore, the NRC will not assess an annual fee in FY 2024 for this type of licensee.

FY 2024 MISSION DIRECT BUDGETED RESOURCES				
				POWER REACTORS ALLOCATIONS
		TOTAL		
	CONTRACT		CONTRACT	
	\$,K	FTE	\$,K	FTE
NUCLEAR REACTOR SAFETY	74,966.5	1,722.5	59,698.0	1274.6
NUCLEAR MATERIALS & WASTE SAFETY	32,883.3	460.9	51.0	2.1
CORPORATE	172,391.0	588.0	0.0	0.0
INSPECTOR GENERAL(no DNSFB)	2,386.0	68.0		
SUBTOTAL - FEE BASE RESOURCE	282,626.8	2,839.4	59,749.0	1276.7
Figures below in \$, M (unless otherwise indicated)				
(1) FY 2024 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown below)				
				675.1
(2) LESS ESTIMATED 10 CFR PART 170 FEE COLLECTIONS				
				165.3
(3) ALLOCATIONS (equals 1 - 2)				
				509.9
(4) GENERIC TRANSPORTATION RESOURCES (allocated)				
				0.6
(5) NET 10 CFR PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4)				
				510.5
(6) FY 2024 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5)				
				675.7
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity)				
				83.3%
(8) LLW Surcharge				
				3.3
(9) LLW Surcharge per licensee				
				0.0
(10) 10 CFR Part 171 billing adjustments				
				2.1
(11) Adjustments:				
				0.0
(12) TOTAL FY 2024 ANNUAL FEE (equals 5+8+10+11)				
				515.9
(13) Number of Licensees				
				94.0
(14) Fee Per License (equals 12/13)				
				5.5
unrounded annual fee amount per license, actual \$				
				5,488,098
rounded annual fee, actual \$				
				5,488,000
FTE FULLY COSTED RATE (average based on budget data, actual \$):				
See Determination of Hourly Rate for calculations				
	482,006			

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

	FY24		FY23		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	815	24.9	150	10.6	665	14.3
Design Certification	260	31.9	188	17.2	72	14.7
EDO Operations	0	1.0	0	1.0	0	0.0
IT Infrastructure	0	0.0	1,441	2.0	(1,441)	(2.0)
Licensing Actions	50	6.8	50	3.5	0	3.3
Licensing Support	197	27.0	1,702	24.8	(1,505)	2.2
Mission IT	184	1.1	1,772	3.1	(1,588)	(2.0)
Part 50	1,540	57.2	43	1.0	1,497	56.2
Operator Licensing	0	0.0	0	0.0	0	0.0
Policy Advice & Outreach	0	1.5	0	1.0	0	0.5
Pre-Application Reviews	460	18.5	1,250	53.0	(790)	(34.5)
Oversight						
Allegations & Investigations	0	0.0	0	1.9	0	(1.9)
Construction Inspection	0	0.0	0	12.0	0	(12.0)
Emergency Preparedness	0	0.5	0	0.5	0	0.0
Enforcement	4	2.8	16	3.0	(12)	(0.2)
Security	203	1.2	203	0.7	0	0.5
Vendor Inspection	40	0.5	40	0.5	0	0.0
Research						
New Reactors Research	3,320	12.0	3,641	11.0	(321)	1.0
Rulemaking (PL)						
Rulemaking	400	4.0	536	6.3	(136)	(2.3)
Rulemaking Support	0	1.3	0	2.5	0	(1.2)
Training						
Mission Training	676	8.0	678	7.0	(2)	1.0
Mission IT	211	0.0	66	0.0	145	0.0
Organizational Development	21	0.0	21	0.0	0	0.0
Entry Level Hiring	0	5.0	0	5.0	0	0.0
Total Direct Resources	8,381	205.2	11,797	167.6	(3,416)	37.6
PROGRAM: NUCLEAR REACTOR SAFETY						
BUSINESS LINE: OPERATING REACTORS						
<i>PRODUCT LINE/PRODUCTS:</i>						
Event Response						
Mission IT/Infrastructure	4,778	15.5	6,792	14.0	(2,014)	1.5
Response Operations	125	16.6	125	20.0	0	(3.4)
Response Program	500	16.5	0	16.5	500	0.0
Other Response Activities	1,200	0.4	0	0.0	1,200	0.4
Licensing						
EDO Operations	0	5.0	0	4.0	0	1.0
Emergency Preparedness	0	3.5	0	3.7	0	(0.2)
License Renewal	1,940	61.3	2,837	58.3	(897)	3.0
Licensing Actions	909	129.3	1,461	129.0	(552)	0.3
Licensing Support	2,102	76.2	2,425	90.8	(323)	(14.6)
Mission IT/Infrastructure	4,207	4.0	1,024	0.0	3,183	4.0
Operator Licensing	100	40.6	100	40.6	0	0.0
Policy Outreach	0	3.0	0	3.0	0	0.0
Research & Test Reactors	300	5.3	0	7.0	300	(1.7)
RIC	860	1.0	800	1.0	60	0.0
Security	175	6.9	175	6.9	0	0.0
Oversight						
Allegations & Investigations	25	44.2	25	42.3	0	1.9
Emergency Preparedness	0	19.8	0	19.6	0	0.2
Enforcement	66	16.4	118	15.9	(52)	0.5
Event Evaluation	0	27.9	0	27.9	0	0.0
Inspection	847	302.1	630	305.6	217	(3.5)
Information Services	1,921	0.0	1,912	0.0	9	0.0
IM Technologies	11	0.0	0	0.0	11	0.0
IT Infrastructure	6,169	1.0	7,241	1.0	(1,072)	0.0
Mission IT	6,078	4.0	9,599	4.0	(3,521)	0.0
Security	4,672	59.2	4,519	59.2	153	0.0
Vendor Inspection	0	9.7	0	9.7	0	0.0
Research						

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

	FY24		FY23		Difference	
	Contract (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	FTE
Aging & Materials Research	0	18.0	5,237	17.3	(5,237)	0.7
Evaluation and Evidence	500	7.0	150	7.0	350	0.0
Engineering Research	300	22.0	2,870	21.9	(2,570)	0.1
Mission IT	3,024	3.0	3,445	3.0	(421)	0.0
Mission IT Infrastructure	526	0.0	0	0.0	526	0.0
Reactor Research Support	1,400	13.0	1,000	11.0	400	2.0
Risk Analysis	2,904	44.8	11,300	45.3	(8,396)	(0.5)
Systems Analysis Research	1,300	16.2	6,442	16.5	(5,142)	(0.3)
Rulemaking (PL)						
Rulemaking	210	21.6	100	18.2	110	3.4
Rulemaking Support	300	10.6	300	11.8	0	(1.2)
Training						
Entry Level Hiring	0	18.0	0	18.0	0	0.0
Organizational Development	105	0.0	105	0.0	0	0.0
Mission IT	39	0.0	398	0.0	(359)	0.0
Mission Training	3,724	25.8	3,704	25.8	20	0.0
Total Direct Resources	51,317	1,069.4	74,834	1,075.8	(23,517)	(6.4)
Grand Total Nuclear Reactor Safety	59,698	1,274.6	86,631	1,243.4	(26,933)	31.2
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: FUEL FACILITIES						
<i>PRODUCT LINE/PRODUCTS:</i>						
Licensing						
Licensing Actions	0	0.4	0	0.0	0	0.4
Total Direct Resources	0	0.4	0	0.0	0	0.4
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: NUCLEAR MATERIALS USERS						
<i>PRODUCT LINE/PRODUCTS:</i>						
Rulemaking (PL)						
Rulemaking Support	0	0.1	0	0.0	0	0.1
Oversight						
IT Infrastructure	46	0.0	0	0	46	0.0
Inspection	5	0.0	5	0.0	0	0.0
State, Tribal and Federal Programs						
Liaison	0	1.4	0	1.1	0	0.3
Training						
Mission Training	0	0.2	0	0.2	0	0.0
Total Direct Resources	51	1.7	5	1.3	46	0.4
Grand Total Nuclear Materials & Waste Safety	51.0	2.1	5.0	1.3	46	0.8
TOTAL POWER REACTORS	59,749	1,276.7	86,636	1,244.7	(26,887)	32.0
Total value of budgeted resources for fee class (mission direct FTE x full cost of FTE + mission direct contract \$)	\$675,126		\$665,329		\$9,797	
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 2024

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

Westinghouse	48
General Electric	31
Combustion Engineering	10
Babcock & Wilcox	<u>5</u>
TOTAL REACTORS	94

DETERMINATION OF ANNUAL FEE:

TOTAL BUDGETED COSTS FOR OPERATING POWER REACTORS (PRIOR TO 10 CFR PART 170 & OTHER ADJUSTMENTS)	\$675,126,604
ANNUAL FEE PER REACTOR (rounded) (BUDGETED COSTS DIVIDED BY 94 OPERATING POWER REACTORS)	\$ 5,488,000
PLUS SPENT FUEL STORAGE/ REACTOR DECOMMISSIONING ANNUAL FEE	\$330,000
TOTAL ANNUAL FEE PER LICENSE	\$ 5,818,000

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
2023	6.4	6.0	5.0	4.9	4.0	3.0	3.2	3.7	3.7	3.2	3.1	3.4	4.1	\$6,179,917
Average	2.7	2.6	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.7	

*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		
Advanced Reactors	14,868.0	77.6
Event Response	6,603.0	49.0
Generic Homeland Security	0.0	7.0
International Activities	190.0	33.0
Licensing	14,969.0	545.0
Oversight	20,038.0	496.0
Rulemaking	910.0	37.5
Research	13,274.0	136.0
Mission Support/Supervisors	2,227.5	368.0
State/Tribal/Federal Programs	0.0	0.0
Training	5,689.0	58.0
Travel	11,066.0	0.0
	\$ 89,834.5	1,807.1

FTE rate \$226,900 times 1,447.3 FTEs; \$233,580 times 249.2 FTEs; \$239,350 times 33.0 FTEs; \$249,170 times 77.6 FTEs (includes Salaries & Benefits only)

\$ 413,838.6

Total Business Line Budget (BL) \$ 89,834.5 \$ 413,838.6 = \$ 503,673.1

**Operating Power Reactors
Fee Class
(Proposed Fee Rule)**

Deductions from BL resources

Advanced Reactors ¹	(14,868.0)	\$ (77.6)
Event Response ⁵	-	-
Generic Homeland Security ¹	-	(7.0)
International Activities ¹	(190.0)	(33.0)
Licensing ^{3, 5}	(870.0)	(39.0)
Oversight ³	(2.0)	(6.7)
Research	-	-
Rulemaking ³	-	0.0
Mission Support/Supervisors ²	(2,227.5)	(368.0)
Training ³	(913.0)	(1.2)
Travel ²	(11,066.0)	0.0
	(\$30,136.5)	(532.5)

Increases from Other resources

Licensing ⁵	0.0	0.4
Oversight ^{4, 5}	51.0	0.0
Event Response ⁵	0.0	0.0
Rulemaking ⁴	0.0	0.1
State/Tribal/Federal Programs ⁴	0.0	1.4
Training ⁴	0.0	0.2
	\$51.0	2.1

BL resources w/ fee rule allocations \$ 59,749.0 1,276.7

FTE fully costed rate \$482,006 times 1276.7 FTEs (includes Salaries, Benefits, indirect resources & agency support)

\$ 615,377.1

Total Fee Class Budget \$ 59,749.0 \$ 615,377.1 = \$ 675,126.06

Variances \$ (30,085.5) (530) \$ 201,538.4 \$ 171,452.9

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)

10 CFR Part 171 Annual Fees

Spent Fuel Storage/Reactor Decommissioning

Section III.B.2.b

Table VII

For FY 2024, budgeted costs of approximately \$40.9 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 124 licensees, resulting in a FY 2024 annual fee of \$330,000 per licensee.

FY 2024 MISSION DIRECT BUDGETED RESOURCES				SPENT FUEL STORAGE/ REACTOR DECOMM. ALLOCATIONS	
		TOTAL			
		CONTRACT		CONTRACT	
		,\$K	FTE	,\$K	FTE
NUCLEAR REACTOR SAFETY		74,966.5	1,722.5	1.0	0.3
NUCLEAR MATERIALS & WASTE SAFETY		32,883.3	460.9	5,854.5	93.3
CORPORATE		172,391.0	588.0	0.0	0.0
INSPECTOR GENERAL(no DNSFB)		2,386.0	68.0		
SUBTOTAL - FEE BASE RESOURCE		282,626.8	2,839.4	5,855.5	93.6
Figures below in \$, M (unless otherwise indicated)					
(1) FY 2024 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown below)					51.0
(2) LESS ESTIMATED 10 CFR PART 170 FEE COLLECTIONS					12.2
(3) ALLOCATIONS (equals 1 - 2)					38.8
(4) GENERIC TRANSPORTATION RESOURCES (allocated)					2.0
(5) NET 10 CFR PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4)					40.7
(6) FY 2024 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5)					52.9
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity)					6.52%
(8) LLW Surcharge					0.0
(9) LLW Surcharge per licensee					
(10) 10 CFR Part 171 billing adjustments					0.2
(11) Adjustments:					0.000
(12) TOTAL FY 2024 ANNUAL FEE (equals 5+8+10+11)					40.878
(13) Number of Licensees					124
(14) Fee Per License (equals 12/13)					0.330
unrounded annual fee amount per license, actual \$					329,663
rounded annual fee, actual \$					330,000
FTE FULLY COSTED RATE (average based on budget data, actual \$): See Determination of Hourly Rate for calculations		482,006			

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

	FY24		FY23		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	0.0	0	0.1	0	(0.1)
Total Direct Resources	0	0.0	0	0.1	0	(0.1)
PROGRAM: NUCLEAR REACTOR SAFETY						
BUSINESS LINE: OPERATING REACTORS						
<i>PRODUCT LINE/PRODUCTS:</i>						
Oversight						
Allegations & Investigations	0	0.2	0	0.1	0	0.1
Enforcement	1	0.1	1	0.1	0	0.0
Rulemaking						
Rulemaking (PL)	0	0.0	0	0.0	0	0.0
Training						
Mission Training	0	0.0	158	0.0	(158)	0.0
Mission IT	0	0.0	0	0.0	0	0.0
Total Direct Resources	1	0.3	159	0.2	(158)	0.1
Grand Total Nuclear Reactor Safety	1.0	0.3	159.0	0.3	(158)	0.0
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: FUEL FACILITIES						
<i>PRODUCT LINE/PRODUCTS:</i>						
Oversight						
Mission IT/Infrastructure	119	0.0	0	0.0	119	0
Total Direct Resources	119	0.0	0	0.0	119	0
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: NUCLEAR MATERIALS USERS						
<i>PRODUCT LINE/PRODUCTS:</i>						
Licensing						
Mission IT	100	0.0	300	0.0	(200)	0.0
EDO Operations	0	0.5	0	0.5	0	0.0
Oversight						
Enforcement	2	0.8	2	0.8	0	0.0
Inspection	5	0.0	5	0.0	0	0.0
Training						
Mission Training	0	0.2	0	0.2	0	0.0
Total Direct Resources	107.0	1.5	307.0	1.5	(200)	0.0
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE						
<i>PRODUCT LINE/PRODUCTS:</i>						
Licensing						
Decommissioning Licensing Actions	1,250	16.6	550	7.8	700	8.8
Mission IT	51	0.0	95	0.0	(44)	0.0
IT Infrastructure	623	0.0	358	0.0	265	0.0
Policy Advice & Outreach	0	1.0	0	0.5	0	0.5
Oversight						
Inspection	0	10.9	0	9.8	0	1.1
Rulemaking						
Rulemaking (PL)	0	0.6	0	0.0	0	0.6
Training						
Mission Training	230	0.0	246	0.0	(16)	0.0
Entry Level Hiring	0	2.0	0	0.0	0	2.0
Total Direct Resources	2,154	31.1	1,249	18.1	905	13.0
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION						
<i>PRODUCT LINE/PRODUCTS:</i>						
Licensing						
Environmental Reviews	0	0.0	75	2.0	(75)	(2.0)
Licensing Actions	10	1.7	10	1.5	0	0.2
Licensing Support	150	10.5	150	10.4	0	0.1
Mission IT/Infrastructure	361.5	0.0	163	0.0	199	0.0
Policy Outreach	0	2.0	0	2.0	0	0.0
Security	0	4.0	0	4.0	0	0.0
Storage Licensing	440	18.5	440	20.0	0	(1.5)
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	2.1	0	2.0	0	0.1
Inspection	0	13.7	0	12.9	0	0.8
Research						
Waste Research	1,900	3.0	1,475	3.4	425	(0.4)
Rulemaking						

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

	FY24		FY23		Difference	
	Contract (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	FTE
Rulemaking (PL)	0	2.5	0	1.8	0	0.7
Rulemaking Support	400	0.5	400	0.2	0	0.3
Training						
Mission Training	208	0.0	202	0.0	6	0.0
Organizational Development	5	0.0	6	0.0	(1)	0.0
Entry Level Hiring	0	1.0	0	1.0	0	0.0
Total Direct Resources	3,474.5	60.7	2,921	62.4	554	(1.7)
Grand Total Nuclear Materials & Waste Safety	5,854.5	93.3	4,636.0	82.3	1,219	11.0
TOTAL SPENT FUEL STORAGE & REACTOR DECOMM.	5,855.5	93.6	4,636	82.3	1,219	11.0
Total value of budgeted resources for fee class(mission direct FTE x full cost of FTE + mission direct contract \$)	\$50,971		\$42,899		\$8,072	

SPENT FUEL STORAGE/REACTOR DECOMMISSIONING
ANNUAL FEE
FY 2024

LICENSES SUBJECT TO THE ANNUAL FEE:

Operating Power Reactor Licensees: 94

Power Reactors in Decommissioning or Possession Only Status with
Fuel Onsite

Reactors	Docket No.
Big Rock Point	50-155
Indian Point, Unit 1	50-003
Dresden, Unit 1	50-010
Haddam Neck	50-213
La Crosse	50-409
Maine Yankee	50-309
Millstone 1	50-245
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, Unit 1	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: 24

Part 72 Licensees without a Part 50 License

Ft. St. Vrain	72-009
GE Morris	72-001
DOE Idaho Spent Fuel Facility	72-025
Trojan	72-017
Humboldt, Unit 3	72-027
Rancho Seco	72-011

Total Part 72 licenses: 6

The annual fee is determined by dividing the total budgeted costs of approximately \$40.9 million by the total number of licensees 124. This results in an annual fee (rounded) of \$330,000 per license.

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

**Spent Fuel Storage/
Transportation Business Line
(CBJ)**

Product Lines	Contract \$	FTE
Event Response	0.0	0.0
Generic Homeland Security	0.0	0.0
International Activities	0.0	1.5
Licensing	2,506.0	55.0
Oversight	0.0	19.0
Research	1,900.0	3.0
Rulemaking	400.0	5.0
Mission Support/Supervisors	1.0	15.0
State/Tribal/Federal Programs	0.0	0.0
Training	301.0	2.0
Travel	476.0	0.0
	<u>\$ 5,584.0</u>	<u>100.5</u>

FTE rate \$231,150 times 99.0 FTEs; \$239,400 times 1.5 FTE (includes Salaries & Benefits only) \$ 23,243.0

Total Business Line Budget (BL) \$ 5,584.0 \$ 23,243.0 = \$ 28,827.0

**Spent Fuel Storage/ Reactor
Decommissioning
Fee Class (Proposed 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	(1,544.5)	(18.3)
Oversight ³	0.0	(2.0)
Mission Support/Supervisors ²	(1.0)	(15.0)
Research ³	0.0	0.0
Rulemaking ³	0.0	(2.0)
State/Tribal/Federal Programs ³	0.0	0.0
Training ³	(88.0)	(1.0)
Travel ²	(476.0)	0.0
	<u>(\$2,109.5)</u>	<u>(39.8)</u>

Increases from Other resources

International Activities ⁴	0.0	0.0
Licensing ⁴	2024.0	18.1
Oversight ⁴	127.0	12.0
Rulemaking ⁴	0.0	0.6
Training ⁴	230.0	2.2
	<u>2381.0</u>	<u>32.9</u>

BL resources w/ fee rule allocations \$ 5,855.5 93.6

FTE fully costed rate \$482,006 times 93.6 FTE \$ 45,115.8

Total Fee Class Budget \$ 5,855.5 \$ 45,115.8 = \$ 50,971.26

Variances \$ 271.5 (6.9) \$ 21,872.8 \$ 22,144.3

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 III.B.2.c

Table VIII

Table IX

Table X

The FY 2024 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 \$24.9 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 2024 MISSION DIRECT BUDGETED RESOURCES				
	TOTAL		FUEL FACILITY ALLOCATIONS	
	CONTRACT		CONTRACT	
	\$,K	FTE	\$,K	FTE
NUCLEAR REACTOR SAFETY	74,966.5	1,722.5	0.0	0.0
NUCLEAR MATERIALS & WASTE SAFETY	32,883.3	460.9	3,342.3	60.3
CORPORATE	172,391.0	588.0	0.0	0.0
INSPECTOR GENERAL(no DNSFB)	2,386.0	68.0		
SUBTOTAL - FEE BASE RESOURCE	282,626.8	2,839.4	3,342.3	60.3
Figures below in \$, M (unless otherwise indicated)				
(1) FY 2024 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown below)				32.4
(2) LESS ESTIMATED 10 CFR PART 170 FEE COLLECTIONS				10.5
(3) ALLOCATIONS (equals 1 - 2)				21.9
(4) GENERIC TRANSPORTATION RESOURCES (allocated)				2.5
(5) NET 10 CFR PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4)				24.4
(6) FY 2024 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5)				34.9
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity)				4.30%
(8) LLW Surcharge				0.4
(9) LLW Surcharge per licensee				
(10) 10 CFR Part 171 billing adjustments				0.1
(11) Adjustments:				0.00
(12) TOTAL FY 2024 ANNUAL FEE (equals 5+8+10+11)				24.9
(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	482,006			

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

	FY24		FY23		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	0	0.0	5	0.0	(5)	0
Total Direct Resources	0	0.0	5	0.0	(5)	0
Grand Total Nuclear Reactor Safety	0.0	0.0	5	0.0	(5)	0.0
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: FUEL FACILITIES						
<i>PRODUCT LINE/PRODUCTS:</i>						
Event Response						
Response Operations	90	2.2	45	2.0	45.0	0.2
Licensing						
Licensing Actions	2,823	25.2	1,400	20.7	1,423.3	4.5
Policy Outreach	0	0.0	0	0.0	0.0	0.0
Security	0	2.1	0	2.1	0.0	0.0
Oversight						
Allegations & Investigations	0	1.0	0	1.0	0.0	0.0
Enforcement	10	1.8	10	1.8	0.0	0.0
Inspection	0	19.7	0	17.7	0.0	2.0
IT Infrastructure	0	0.0	387	0.0	(387.0)	0.0
Mission IT	0	0.0	37	0.0	(37.0)	0.0
Security	50	4.5	50	4.5	0.0	0.0
Rulemaking (PL)						
Rulemaking	25	2.0	0	1.0	25.0	1.0
Training						
Mission Training	218	0.0	211	0.0	7.0	0.0
Mission IT	17	0.0	18	0.0	(1.0)	0.0
Organizational Development	5	0.0	5	0.0	0.0	0.0
Entry Level Hiring	0	1.0	0	1.0	0.0	0.0
Total Direct Resources	3,238.3	59.5	2,163.0	51.8	1,075.3	7.7
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: NUCLEAR MATERIALS USERS						
<i>PRODUCT LINE/PRODUCTS:</i>						
Licensing						
Mission IT	100	0.0	0	0.0	100.0	0.0
Oversight						
Inspection	4	0.0	4	0.0	0.0	0.0
State Tribal and Federal Programs						
Liaison	0	0.6	0	0.5	0.0	0.1
Training						
Mission Training	0	0.2	0	0.2	0.0	0.0
Total Direct Resources	104.0	0.8	4.0	0.7	100.0	0.1
Grand Total Nuclear Materials & Waste Safety	3,342.3	60.3	2,172.0	52.5	1,170.3	7.8
TOTAL FUEL FACILITY	3,342.3	60.3	2,172	52.5	1,170.3	7.8
Total value of budgeted resources for fee class(mission direct FTE x full cost of FTE + mission direct contract \$)	\$32,407		\$26,581		\$5,827	

**FUEL FACILITY ANNUAL FEES
FY 2024**

10 CFR Part 171 Amount	\$24,371,569
Less Billing Adjustment	107,483
Less Recession Adjustment	0
TOTAL	<u>\$24,479,052</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	\$13,106,348	\$11,372,704	\$24,479,052	\$397,326	\$24,876,379

		<u>EFFORT FACTORS</u>						
		<u>NUMBER OF LICENSES</u>	<u>Safety</u>		<u>Safeguards</u>		<u>Total</u>	
<u>FEE CATEGORY</u>				%		%		%
1A(1)(a)	SSNM (HEU)	2	88	46.6%	91	55.5%	179	50.7%
1A(1)(b)	SNM (LEU)	3	70	37.0%	21	12.8%	91	25.8%
1A(2)(a)	LIMITED OPS (Centrus)	1	3	1.6%	22	13.4%	25	7.1%
	OTHERS (Gas centrifuge enrichment demonstration)	0	0	0.0%	0	0.0%	0	0.0%
1A(2)(b)	OTHERS (hot cell facility)	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	14.0%	39	11.0%
2A(1)	UF6 (Honeywell)	1	12	6.3%	7	4.3%	19	5.4%
	TOTAL	<u>8</u>	<u>189</u>	100.0%	<u>164</u>	100%	<u>353</u>	100%
			% of total	53.5%	46.5%			

						(5)		
<u>ALLOCATION to CATEGORY</u>		(1)	(2)	(3)	(4)	TOTAL ANNUAL FEE PER LICENSE	FY 2024 Annual Fee Rounded	
<u>Fee Category</u>								
1A(1)(a)	SSNM (HEU)	2	\$6,102,427	\$6,310,464	\$12,412,890	\$201,477	\$6,307,184	\$6,307,000
1A(1)(b)	SNM (LEU)	3	4,854,203	1,456,261	6,310,464	\$102,427	\$2,137,630	\$2,138,000
1A(2)(a)	LIMITED OPS (Paducah)	1	208,037	1,525,607	1,733,644	\$28,139	\$1,761,783	\$1,762,000
	OTHERS (Gas centrifuge enrichment demonstration)	0	0	0	0	\$0	\$0	\$0
1A(2)(b)	OTHERS (hot cell facility)	0	0	0	0	\$0	\$0	\$0
1A(2)(c)	OTHERS (hot cell facility)	0	0	0	0	\$0	\$0	\$0
1E	ENRICHMENT	1	1,109,532	1,594,952	2,704,485	\$43,897	\$2,748,382	\$2,748,000
2A(1)	UF6 (Honeywell)	1	832,149	485,420	1,317,569	\$21,386	\$1,338,955	\$1,339,000
	TOTAL	<u>8</u>	<u>\$13,106,348</u>	<u>\$11,372,704</u>	<u>\$24,479,052</u>	<u>\$397,326</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 2024 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	SG	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)	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)	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	
	International Isotopes (SUB-1011)	40-09086	2A(1)	5	1	0	0	5	5	0	0	1	0	0	0	0	0	1	0	0	0	0	1	-	-	-	Since International Isotopes is licensed, but did not proceed with construction or operation, it is not assessed an annual fee and is not included in annual fee calculations (i.e., subtotals and totals).
Limited Operations	Centrus ACP (SNM-2011)	70-07004	1A(2)(a)	1	1	1	10	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	10	3	22	25	NRC authorized Centrus ACP to begin its HALEU demonstration program operations at the Cat II level on September 21, 2023. This change in operations causes the SG effort factor for "Scrap/Waste" to increase from 0 to 1 and the SG factor for both "Enrichment" and "Sensitive Information Increases" from 5 to 10. Therefore the SG total increased from 11 to 22. The S total remained the same so overall total increased from 14 to 25.
TOTALS																						189	164	353			

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)			
	Contract \$	FTE		
Product Lines				
Event Response	90.0	2.0		
Generic Homeland Security	2,000.0	3.0		
International Activities	0.0	7.5		
Licensing	2,823.3	27.9		
Oversight	179.0	27.0		
Research	0.0	0.0		
Rulemaking	25.0	2.0		
Mission Support/Supervisors	1.0	15.0		
State/Tribal/Federal Programs	0.0	0.0		
Training	240.0	1.0		
Travel	592.0	0.0		
	<u>\$ 5,950.3</u>	<u>85.4</u>		
FTE rate \$231,050 times 77.9 FTEs; \$239,360 times 7.5 FTEs (includes Salaries & Benefits only)			\$	19,794.0
Total Business Line Budget (BL)	\$ 5,950.3		\$ 19,794.0 = \$	25,744.3

Fuel Facilities Fee Class (Proposed Fee Rule)

Deductions from BL resources				
Generic Homeland Security ¹	(2,000.0)	(3.0)		
International Activities ¹	0.0	(7.5)		
Licensing ³	0.0	(0.6)		
Oversight ³	(119.0)	0.0		
Mission Support/Supervisors ²	(1.0)	(15.0)		
Research ¹	0.0	0.0		
Travel ²	(592.0)	0.0		
	<u>(\$2,712.0)</u>	<u>(26.1)</u>		
Increases from Other BL resources				
Licensing ⁴	100.0	0.2		
Oversight ⁴	4.0	0.0		
State/Tribal/Federal Programs ⁴	0.0	0.6		
Training ⁴	0.0	0.2		
	<u>\$104.0</u>	<u>1.0</u>		
BL resources w/ fee rule allocations	\$ 3,342.3	60.3		
FTE fully costed rate \$482,006 times 60.3 FTEs (includes Salaries, Benefits, indirect resources & agency support)			\$	29,065.0
Total Fee Class Budget	\$ 3,342.3		\$ 29,065.0 = \$	32,407.26
Variances	\$ (2,608.0)	(25.1)	\$ 9,271.0	\$ 6,663.0

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 III.B.2.d

Table XI
Table XII
Table XIII
Table XIV

The total FY 2024 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 \$325,000 (rounded).

Of the required annual fee collections, \$271,000 is assessed to DOE's Uranium Mill Tailings Radiation Control Act (UMTRCA) under fee category 18.B. The remaining \$54,300 (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 2024 MISSION DIRECT BUDGETED RESOURCES				
	TOTAL		URANIUM RECOVERY ALLOCATIONS	
	CONTRACT		CONTRACT	
	\$.K	FTE	\$.K	FTE
NUCLEAR REACTOR SAFETY	74,966.5	1,722.5	0.0	0.0
NUCLEAR MATERIALS & WASTE SAFETY	32,883.3	460.9	0.0	1.4
CORPORATE	172,391.0	588.0	0.0	0.0
INSPECTOR GENERAL(no DNSFB)	2,386.0	68.0		
SUBTOTAL - FEE BASE RESOURCE	282,626.8	2,839.4	0.0	1.4
Figures below in \$, M (unless otherwise indicated)				
(1) FY 2024 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown below)				0.675
(2) LESS ESTIMATED 10 CFR PART 170 FEE COLLECTIONS				0.352
(3) ALLOCATIONS (equals 1 - 2)				0.323
(4) GENERIC TRANSPORTATION RESOURCES (allocated)				
(5) NET 10 CFR PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4)				0.323
(6) FY 2024 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5)				0.675
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity)				0.083%
(8) LLW Surcharge				0.000
(9) LLW Surcharge per licensee				
(10) 10 CFR Part 171 billing adjustments				0.002
(11) Adjustments:				0.000
(12) TOTAL FY 2024 ANNUAL FEE (equals 5+8+10+11)				0.325
(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	482,006			

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

	FY24		FY23		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	0.0	0	0.5	0	(0.5)
Uranium Recovery Lic. Actions	0	1.1	0	0.3	0	0.8
Oversight						
Inspection	0	0.3	0	0.2	0	0.1
Total Direct Resources	0	1.4	0	1.0	0	0.4
Grand Total Nuclear Materials & Waste Safety	0	1.4	0	1.0	0	0.4
TOTAL URANIUM RECOVERY	0	1.4	0	1.0	0	0.4
Total value of budgeted resources for fee class(mission direct FTE x full cost of FTE + mission direct contract \$)	\$675		\$465		\$210	

**URANIUM RECOVERY ANNUAL FEES
FY 2024**

	TOTAL
TOTAL ANNUAL FEE AMOUNT :	\$324,889
TOTAL ADJUSTMENT:	<u>0</u>
TOTAL:	\$324,889

**GROUP 1
Calculation of DOE Annual Fee**

<u>Fee Category</u>	<u>contract \$</u>	<u>FTE</u>	<u>FTE Rate</u>	<u>Less: Part 170 Receipts</u>	<u>Total Fee</u>
18.B. DOE UMRCA Budgeted Costs:	\$0	0.90	\$482,006	-\$169,200	\$264,606
10% x (Total Annual Fee Amount less UMRCA)					\$6,028
				Total:	<u>\$270,634</u>
				DOE's Annual Fee Rounded:	\$271,000

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

	FY 2023
	<u>Total Fee</u>
Remaining Annual Fee Amount:	\$54,255
	Total: <u>\$54,255</u>

CALCULATION OF ANNUAL FEE AMOUNTS BY CATEGORY:

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
<u>Type of Site</u>	<u>Fee Category</u>	<u>Number of Licenses</u>	<u>Category Benefit</u>	<u>Total Benefit Value</u>	<u>Percent</u>	<u>Total base annual fee</u>	<u>Annual Fee Per License</u>			<u>FY 2024 Annual Fee Rounded</u>
							<u>Base</u>	<u>Adjustments</u>	<u>Total</u>	
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%	\$54,255	\$54,255	\$0	\$54,255	\$54,300
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>\$54,255</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

URANIUM RECOVERY MATRIX OF REGULATORY BENEFIT BY CATEGORY OF LICENSEE												
includes facilities in operational status (even if in standby), excludes possession only licensees												
TO DETERMINE ANNUAL FEES FOR FY24 FEE RULE												
TYPE OF OPERATING ACTIVITY												
			Operations		Waste Operations		Groundwater Protection					
			weight =		weight =		weight =					
			10		5		10					
Type of Site	Fee Category	No. of Licensees	Benefit	Total Score (=benefit score * weight)	Benefit	Total Score (=benefit score * weight)	Benefit	Total Score (=benefit score * weight)	Total Score, all activities	Total Score, all Licensees per category	Percent total Annual Fee, per Licensee	
Conventional and Heap Leach Mills	2(A)2a	0	0	0	0	0	0	0	0	0	0%	0.0000
Basic In Situ Recovery Facilities	2(A)2b	1	9	90	2	10	9	90	190	190	100%	1.0000
Expanded In Situ Recovery Facilities	2(A)2c	0	0	0	0	0	0	0	0	0	0%	0.0000
In-situ Recovery Resin Facilities	2(A)2d	0	0	0	0	0	0	0	0	0	0%	0.0000
Resin Toll Milling Facilities	2(A)2e	0	0	0	0	0	0	0	0	0	0%	0.0000
Facilities for Disposal of 11e(2) Materials	2(A)3	0	0	0	0	0	0	0	0	0	0%	0.0000
Disposal Incident to Operation at Licensed Facilities	2(A)4	0	0	0	0	0	0	0	0	0	0%	0.0000
Grand Total										190		1.0000
Level of Regulatory Benefit- Scale of 0 to 10 (examples)			Benefit factors under "Operations", "Waste Operations", and "Groundwater Protection" reflect the regulatory benefit to each licensee in the fee category from generic uranium recovery program activities.									
None	0											
Minor	2											
Some	5											
Significant	10											

Reconciliation of Decommissioning & Low Level Waste Business Line vs. Fee Class
(Dollars in thousands)

Decommissioning & LLW Business Line (CBJ)

Product Lines	Contract \$	FTE		
Event Response	0.0	0.0		
Generic Homeland Security	0.0	0.0		
International Activities	75.0	2.0		
Licensing	3,568.0	41.9		
Oversight	262.0	24.8		
Research	413.0	0.7		
Rulemaking	88.0	4.2		
Mission Support/Supervisors	1.0	16.0		
State/Tribal/Federal Programs	0.0	0.0		
Training	432.0	2.0		
Travel	716.0	0.0		
	\$ 5,555.0	91.6		
FTE rate \$232,570 times 87.6 FTEs; \$253,920 times 4 FTEs (includes Salaries & Benefits only)			\$	21,388.8
Total Business Line Budget (BL)	\$ 5,555.0		\$ 21,388.8 = \$	26,943.8

Uranium Recovery Fee Class (Proposed 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}	(75.0)	(2.0)		
Licensing ^{3,5}	(3,568.0)	(40.8)		
Oversight ³	(262.0)	(24.5)		
Mission Support/Supervisors ²	(1.0)	(16.0)		
Research ³	(413.0)	(0.7)		
Rulemaking ³	(88.0)	(4.2)		
State/Tribal/Federal Programs ³	0.0	0.0		
Training ³	(432.0)	(2.0)		
Travel ²	(716.0)	0.0		
	(\$5,555.0)	(90.2)		
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	\$ -	1.4		
FTE fully costed rate \$482,006 times 1.4 FTE (includes Salaries, Benefits, indirect resources & agency support)			\$	674.8
Total Fee Class Budget	\$ -		\$ 674.8 = \$	674.81
Variances	\$ (5,555.0)	(90.2)	\$ (20,714.0)	\$ (26,269.0)

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)

10 CFR Part 171 Annual Fees

Non-Power Production or Utilization Facilities

Section III.B.2.e

Table XV

Approximately \$293,000 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 2024. This required annual fee recovery amount is divided equally among the three NPUF licensees subject to annual fees, and results in a FY 2024 annual fee of \$97,700 for each licensee.

FY 2024 MISSION DIRECT BUDGETED RESOURCES				NON POWER PRODUCTION OR UTILIZATION FACILITIES	
		TOTAL		ALLOCATIONS	
		CONTRACT		CONTRACT	
		\$,K	FTE	\$,K	FTE
NUCLEAR REACTOR SAFETY		74,966.5	1,722.5	393.0	9.3
NUCLEAR MATERIALS & WASTE SAFETY		32,883.3	460.9	0.5	0.0
CORPORATE		172,391.0	588.0	0.0	0.0
INSPECTOR GENERAL(no DNSFB)		2,386.0	68.0		
SUBTOTAL - FEE BASE RESOURCE		282,626.8	2,839.4	393.5	9.3
Figures below in \$, M (unless otherwise indicated)					
(1) FY 2024 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown below)					4.876
(2) LESS ESTIMATED 10 CFR PART 170 FEE COLLECTIONS					4.648
(3) ALLOCATIONS (equals 1 - 2)					0.228
(4) GENERIC TRANSPORTATION RESOURCES (allocated)					0.050
(5) NET 10 CFR PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4)					0.278
(6) FY 2024 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5)					4.926
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity)					0.607%
(8) LLW Surcharge					0.000
(9) LLW Surcharge per licensee					
(10) 10 CFR Part 171 billing adjustments					0.015
(11) Adjustments:					0.000
(12) TOTAL FY 2024 ANNUAL FEE (equals 5+8+10+11)					0.2930
(13) Number of Licensees					3
(14) Fee Per License (equals 12/13)					0.098
unrounded annual fee amount per license, actual \$					97,659
rounded annual fee, actual \$					97,700
FTE FULLY COSTED RATE (average based on budget data, actual \$): See Determination of Hourly Rate for calculations		482,006			

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

	FY24		FY23		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	380.0	7.6	170.0	8.6	210.0	(1.0)
Oversight						
Enforcement	0.0	0.0	0.0	0.5	0.0	(0.5)
Inspection	0.0	1.7	0.0	1.5	0.0	0.2
Rulemaking						
Rulemaking (PL)	0.0	0.0	0.0	0.0	0.0	0.0
Training						
Mission Training	13.0	0.0	16.0	0.0	(3.0)	0.0
Total Direct Resources	393.0	9.3	186.0	10.6	207.0	(1.3)
Grand Total Nuclear Reactor Safety	393.0	9.3	186.0	10.6	207.0	(1.3)
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: NUCLEAR MATERIALS USERS						
<i>PRODUCT LINE/PRODUCTS:</i>						
Oversight						
Inspection	0.5	0.0	1.0	0.0	(0.5)	0.0
Total Direct Resources	0.5	0.0	1.0	0.0	(0.5)	0.0
Grand Total Nuclear Materials & Waste Safety	0.5	0.0	1.0	0.0	(0.5)	0.0
TOTAL NON POWER PRODUCTION OR UTILIZATION FACILITY	393.5	9.3	187.0	10.6	206.5	(1.3)
Total value of budgeted resources for fee class (mission direct FTE x full cost of FTE + mission direct contract \$)	\$4,876.2		\$5,115.2		\$(239.0)	

NON-POWER PRODUCTION OR UTILIZATION FACILITIES (NPUF)
ANNUAL FEE
FY 2024

DETERMINATION OF THE FY 2024 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	\$292,976
ANNUAL FEE PER LICENSE (rounded) (Budgeted costs divided by number of NPUF licensees subject to annual fee)	\$97,700

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. Fee Class
(Dollars in thousands)

Operating Reactor Business Line (CBJ)

	Contract \$	FTE		
Product Lines				
Event Response	6,603.0	49.0		
Generic Homeland Security	0.0	7.0		
International Activities	125.0	23.6		
Licensing	11,463.0	375.1		
Oversight	19,791.0	491.0		
Rulemaking	510.0	32.2		
Research	9,954.0	124.0		
Mission Support/Supervisors	2,224.5	324.0		
State/Tribal/Federal Programs	0.0	0.0		
Training	4,781.0	45.0		
Travel	9,757.0	0.0		
	\$ 65,208.5	1,470.9		
FTE rate \$226,900 times 1447.3 FTEs; FTE rate \$239,400 times 23.6 FTE (includes Salaries & Benefits only)				\$ 334,041.0
Total Business Line Budget (BL)	\$ 65,208.5		\$ 334,041.0 =	\$ 399,249.5

Non-Power Production or Utilization Facilities Fee Class (Proposed Fee Rule)

Deductions from BL resources				
Event Response ³	(6,603.0)	\$	(49.0)	
Generic Homeland Security ¹	-		(7.0)	
International Activities ¹	(125.0)		(23.6)	
Licensing ³	(11,083.0)		(367.5)	
Oversight ³	(19,791.0)		(489.3)	
Research ¹	(9,954.0)		(124.0)	
Rulemaking ³	(510.0)		(32.2)	
Mission Support/Supervisors ²	(2,224.5)		(324.0)	
Training ³	(4,768.0)		(45.0)	
Travel ²	(9,757.0)		0.0	
	(\$64,815.5)		(1,461.6)	
Increases from Other resources				
Oversight ⁴	0.5		0.0	
Rulemaking ⁴	0.0		0.0	
State/Tribal/Federal Programs ⁴	0.0		0.0	
Training ⁴	0.0		0.0	
	\$0.5		0.0	
BL resources w/ fee rule allocations	\$ 393.5		9.3	
FTE fully costed rate \$482,006 times 9.3 FTEs (includes Salaries, Benefits, indirect resources & agency support)				\$ 4,482.7
Total Fee Class Budget	\$ 393.5		\$ 4,482.7 =	\$ 4,876.16
Variances	\$ (64,815.0)		(1,462)	\$(329,558.4) \$ (394,373.4)

Notes:

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

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

10 CFR Part 171 Annual Fees

Rare Earth Facilities

Section III.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 2024 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 2024 MISSION DIRECT BUDGETED RESOURCES				
	TOTAL		RARE EARTH ALLOCATIONS	
	CONTRACT	FTE	CONTRACT	FTE
	,\$K		,\$K	
NUCLEAR REACTOR SAFETY	74,966.5	1,722.5	0.0	0.0
NUCLEAR MATERIALS & WASTE SAFETY	32,883.3	460.9	0.0	0.4
CORPORATE	172,391.0	588.0	0.0	0.0
INSPECTOR GENERAL(no DNSFB)	2,386.0	68.0		
SUBTOTAL - FEE BASE RESOURCE	282,626.8	2,839.4	0.0	0.4
Figures below in \$, M (unless otherwise indicated)				
(1) FY 2024 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown below)				0.19
(2) LESS ESTIMATED 10 CFR PART 170 FEE COLLECTIONS				0.19
(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 2024 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5)				0.19
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity)				0.00%
(8) LLW Surcharge				0.00
(9) LLW Surcharge per licensee				
(10) 10 CFR Part 171 billing adjustments				0.00
(11) Adjustments:				0.00
(12) TOTAL FY 2024 ANNUAL FEE (equals 5+8+10+11)				0.00
(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			482,006	

Mission Direct Resources For Rare Earth Fee Class

	FY24		FY23		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	0.4	0	0.6	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	0.4	0	0.6	0	(0.2)
Grand Total Nuclear Materials & Waste Safety	0	0.4	0	0.6	0	(0.2)
TOTAL Rare Earth	0	0.4	0	0.6	0	(0.2)
Total value of budgeted resources for fee class(mission direct FTE x full cost of FTE + mission direct contract \$)	\$193		\$279		(\$86)	

10 CFR Part 171 Annual Fees

Materials Users

Section III.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:

Annual fee = Constant x [Application Fee + (Average Inspection Cost / Inspection Priority)] + Inspection Multiplier x (Average Inspection Cost / Inspection Priority) + Unique Category Costs.

To equitably and fairly allocate the \$46.2 million in FY 2024 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 2024 MISSION DIRECT BUDGETED RESOURCES				
	TOTAL		MATERIALS ALLOCATIONS	
	CONTRACT	FTE	CONTRACT	FTE
	\$.K		\$.K	
NUCLEAR REACTOR SAFETY	74,966.5	1,722.5	0.0	0.00
NUCLEAR MATERIALS & WASTE SAFETY	32,883.3	460.9	2,273.0	87.20
CORPORATE	172,391.0	588.0	0.0	0.00
INSPECTOR GENERAL(no DNSFB)	2,386.0	68.0		
SUBTOTAL - FEE BASE RESOURCE	282,626.8	2,839.4	2,273.0	87.20
Figures below in \$, M (unless otherwise indicated)				
(1) FY 2024 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown below)				44.30
(2) LESS ESTIMATED 10 CFR PART 170 FEE COLLECTIONS				0.83
(3) ALLOCATIONS (equals 1 - 2)				43.47
(4) GENERIC TRANSPORTATION RESOURCES (allocated)				2.46
(5) NET 10 CFR PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4)				45.94
(6) FY 2024 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5)				46.77
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity)				4.48%
(8) LLW Surcharge				0.10
(9) LLW Surcharge per licensee				
(10) 10 CFR Part 171 billing adjustments				0.11
(11) Adjustments:				0.00
(12) TOTAL FY 2024 ANNUAL FEE (equals 5+8+10+11)				46.152
(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	482,006			

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

	FY24		FY23		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	0	0.0	2	0.0	(2)	0.0
Mission Training	0	0.0	0	0.0	0	0.0
Total Direct Resources	0	0.0	2	0.0	(2)	0.0
Grand Total Nuclear Reactor Safety	0	0.0	2	0.0	(2)	0.0
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: DECOMMISSIONING /LOW LEVEL WASTE						
<i>PRODUCT LINE/PRODUCTS:</i>						
Licensing						
IT Infrastructure	9	0.0	0	0.0	9	0.0
Total Direct Resources	9	0.0	0	0.0	9	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	0.4	0	0.3	0	0.1
Licensing						
EDO Operations	0	1.5	0	1.5	0	0.0
Licensing Actions	7	34.8	7	30.0	0	4.8
Licensing Support	45	1.5	45	1.0	0	0.5
Mission IT	101	0.0	74	0.0	27	0.0
Policy Outreach	0	0.5	0	1.0	0	(0.5)
Security	0	0.5	0	0.5	0	0.0
Oversight						
Allegations & Investigations	0.0	9.9	0	8.6	0	1.3
Enforcement	24.0	11.0	44	11.3	(20)	(0.3)
Event Evaluation	184.0	2.0	170	2.0	14	0.0
Inspection	1.0	20.7	1	20.0	0	0.7
IT Infrastructure	594.0	0.0	100	0.0	494	0.0
Mission IT	0.0	0.0	0	0.0	0	0.0
Security IT	76.0	0.0	0	0.0	76	0.0
Research						
Materials Research	340	0.0	0	0.0	340	0.0
Rulemaking						
Mission IT	297	0.0	289	0.0	8	0.0
Rulemaking	0	2.4	0	2.3	0	0.1
Rulemaking Support	30	0.2	15	0.2	15	0.0
Training						
Entry Level Hiring	0	1.0	0	1.0	0	0.0
Mission IT	22	0.0	1	0.0	21	0.0
Mission Training	529	0.5	540	0.5	(11)	0.0
Organizational Development	14	0.0	14	0.0	0	0.0
Total Direct Resources	2,264.0	87.2	1,300.0	80.5	964	6.7
Grand Total Nuclear Materials & Waste Safety	2,273.0	87.2	1,302	80.5	971	6.7
TOTAL MATERIAL USERS	2,273.0	87.2	1,302	80.5	971	6.7
Total value of budgeted resources for fee class(mission direct FTE x full cost of FTE + mission direct contract \$)	\$44,304		\$38,729		\$5,575	

Reconciliation of Nuclear Materials Users Business Line vs. Fee Class

(Dollars in thousands)

Nuclear Material Users Business Line (CBJ)

	Contract \$	FTE
Product Lines		
Event Response	0.0	3.0
Generic Homeland Security	7,864.0	13.0
International Activities	10,163.0	12.0
Licensing	806.0	47.2
Oversight	2,351.0	50.3
Research	340.0	2.0
Rulemaking	422.0	5.9
Mission Support/Supervisors	165.0	40.0
State/Tribal/Federal Programs	270.0	26.0
Training	1,305.0	4.0
Travel	1,972.0	0.0
	<u>\$ 25,658.0</u>	<u>203.4</u>

FTE rate \$224,070 times 191.4 FTEs; \$239,400 times 12 FTEs (includes Salaries & Benefits only)

\$ 45,759.2

Total Business Line Budget (BL)

\$ 25,658.0

\$ 45,759.2

=

\$ 71,417.2

Nuclear Material Users Fee Class (Proposed Fee Rule)

Deductions from BL resources

Event Response ³	-	(2.3)
Generic Homeland Security ¹	(7,864.0)	(13.0)
International Activities ¹	(10,163.0)	(12.0)
Licensing ³	(653.0)	(8.4)
Oversight ³	(1,472.0)	(6.7)
Mission Support/Supervisors ²	(165.0)	(40.0)
Research ³	-	(2.0)
Rulemaking ³	(95.0)	(3.3)
State/Tribal/Federal Programs ³	(270.0)	(26.0)
Training ³	(740.0)	(2.5)
Travel ²	(1,972.0)	0.0
	<u>(\$23,394.0)</u>	<u>(116.2)</u>

Increases from Other BL resources

State/Tribal/Federal Programs ⁴	0.0	0.0
Licensing ⁴	9.0	0.0
	<u>9.0</u>	<u>0.0</u>

BL resources w/ fee rule allocations

\$ 2,273.0

87.2

FTE fully costed rate \$482,006 times 87.2 FTEs (includes Salaries, Benefits, indirect resources& agency support)

\$ 42,030.9

Total Fee Class Budget

\$ 2,273.0

\$ 42,030.9

=

\$ 44,303.92

Variances

\$ (23,385.0)

(116.2)

\$ (3,728.3)

\$ (27,113.3)

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 2024
Annual Fee
(Rounded)**

License Fee Category	Part 170 Fees(\$)			Calc. of General	Calc. of Insp.	Part 171 Base Fee Per License (\$)					Total Exact Annual		
	Appl.	Insp.	Prior.			Total		Adjustment per License					
				Multiple	Multiple	General	Inspection	Base Fee per license	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 1.26	Inspection multiplier*(insp fee/insp priority)insp. multiplier of 1.72	(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	27,933	2,333	35,128	4,018	39,146	254	0	39,400	39,400	\$39,400

10 CFR Part 171 Annual Fees

Transportation

Section III.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 2024 MISSION DIRECT BUDGETED RESOURCES				
	TOTAL		TRANSPORTATION ALLOCATIONS	
	CONTRACT		CONTRACT	
	\$.K	FTE	\$.K	FTE
NUCLEAR REACTOR SAFETY	74,966.5	1,722.5	1.0	0.1
NUCLEAR MATERIALS & WASTE SAFETY	32,883.3	460.9	1,633.5	23.8
CORPORATE	172,391.0	588.0	0.0	0.0
INSPECTOR GENERAL(no DNSFB)	2,386.0	68.0		
SUBTOTAL - FEE BASE RESOURCE	282,626.8	2,839.4	1,634.5	23.9
Figures below in \$, M (unless otherwise indicated)				
(1) FY 2024 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown below)				13.2
(2) LESS ESTIMATED 10 CFR PART 170 FEE COLLECTIONS				3.5
(3) ALLOCATIONS (equals 1 - 2)				9.7
(4) GENERIC TRANSPORTATION RESOURCES (allocated)				-7.5
(5) NET 10 CFR PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4)				2.2
(6) FY 2024 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5)				5.6
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity)				0.69%
(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 2024 ANNUAL FEE (equals 5+8+10+11)				2.2
(13) Number of Licensees				1
(14) Fee Per License (equals 12/13)				2.173536
				(DOE's fee)
unrounded annual fee amount per license, actual \$				2,173,536
rounded annual fee, actual \$				2,174,000
FTE FULLY COSTED RATE (average based on budget data, actual \$): See Determination of Hourly Rate for calculations	482,006			

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

	FY24		FY23		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	0	0.0	2	0.0	(2.0)	0.0
Mission IT	0	0.0	0	0.0	0.0	0.0
Total Direct Resources	1	0.1	3	0.1	(2.0)	0.0
Grand Total Nuclear Reactor Safety	1	0.1	3	0.1	(2.0)	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	0.6	0	0.5	0	0.1
Training						
Mission Training	0	0.2	0	0.2	0	0.0
Total Direct Resources	1	0.8	1	0.7	0	0.1
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION						
<i>PRODUCT LINE/PRODUCTS:</i>						
Licensing						
IT Infrastructure	205	0.0	574	0.0	(370)	0.0
Licensing Support	0	0.0	0	0.6	0	(0.6)
Mission IT	500	0.0	233	0.0	267	0.0
Enviromental Reviews	250	2.5	0	0.0	250	2.5
Transportation Certification	590	15.5	590	16.7	0	(1.2)
Oversight						
Security	0	0.0	0	0.1	0	(0.1)
Inspection	0	2.0	0	1.5	0	0.5
Rulemaking						
Rulemaking (PL)	0	2.0	0	0.0	0	2.0
Training						
Organizational Development	2	0.0	1	0.0	1	0.0
Entry Level Hiring	0	1.0	0	1.0	0	0.0
Mission Training	65	0.0	72	0.0	(7)	0.0
Mission IT	21	0.0	40	0.0	(19)	0.0
Total Direct Resources	1,633	23.0	1,510	19.9	123	3.1
Grand Total Nuclear Materials & Waste Safety	1,633.5	23.8	1,511	20.6	123	3.2
TOTAL TRANSPORTATION	1,634.5	23.9	1,514	20.7	121	3.2
Total value of budgeted resources for fee class(mission direct FTE x full cost of FTE + mission direct contract \$)	\$13,154		\$11,138		\$2,016	

TRANSPORTATION ANNUAL FEES

FY 2024

The total transportation budgeted costs of \$9,701,454 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	22.2%	\$2,156,247	\$2.2
Operating Reactors	6.0	6.4%	\$616,070	\$0.6
Spent fuel/reactor decom	19.0	20.1%	\$1,950,890	\$2.0
NPUF	0.5	0.5%	\$49,683	\$0.05
Fuel Facilities	24.0	25.4%	\$2,464,282	\$2.5
Materials Users	24.0	25.4%	\$2,464,282	\$2.5
Total	94.5	100.0%	\$9,701,454	\$9.7

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

**Spent Fuel Storage/
Transportation Business Line
(CBJ)**

Product Lines	Contract \$	FTE
Event Response	0.0	0.0
Generic Homeland Security	0.0	0.0
International Activities	0.0	1.5
Licensing	2,506.0	55.0
Oversight	0.0	19.0
Research	1,900.0	3.0
Rulemaking	400.0	5.0
Mission Support/Supervisors	1.0	15.0
State/Tribal/Federal Programs	0.0	0.0
Training	301.0	2.0
Travel	476.0	0.0
	<u>\$ 5,584.0</u>	<u>100.5</u>

FTE rate \$231,150 times 99.0 FTEs; \$239,400 times 1.5 FTE (includes Salaries & Benefits only) \$ 23,243.0

Total Business Line Budget (BL) \$ 5,584.0 \$ 23,243.0 = \$ 28,827.0

**Transportation Fee Class
(Proposed 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	(961.5)	(37.0)
Oversight ³	0.0	(17.0)
Mission Support/Supervisors ²	(1.0)	(15.0)
Research ³	(1,900.0)	(3.0)
Rulemaking ³	(400.0)	(3.0)
State/Tribal/Federal Programs ³	0.0	0.0
Training ³	(213.0)	(1.0)
Travel ²	(476.0)	0.0
	<u>(\$3,951.5)</u>	<u>(77.5)</u>

Increases from Other resources

International Activities ⁴	0.0	0.0
State/Tribal/Federal Programs ⁴	0.0	0.6
Oversight ⁴	2.0	0.1
Training ⁴	2.0	0.2
	<u>4.0</u>	<u>0.9</u>

BL resources w/ fee rule allocations \$ 1,636.5 23.9

FTE fully costed rate \$482,006 times 23.9 FTEs (includes Salaries, Benefits, indirect resources & agency support) \$ 11,519.9

Total Fee Class Budget \$ 1,636.5 \$ 11,519.9 = \$ 13,156.44

Variances \$ (3,947.5) (76.6) \$ (11,723.0) \$ (15,670.5)

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. The NRC, in compliance with the law, prepared the “FY 2023 Small Entity Compliance Guide” for the FY 2023 fee rule. The compliance guide was developed when the NRC completed the small entity biennial review for FY 2023. The NRC plans to continue to use this compliance guide for FY 2024 and has relabeled the compliance guide to reflect the current FY.

Licensees may use this guide to determine whether they qualify as a small entity under NRC regulations and are eligible to pay reduced FY 2024 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 2024)

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 2024)

FY 2024 Budget Summary by Program

This report is provided as supplemental information. It provides a summary of the FY 2024 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 2024 MISSION DIRECT BUDGETED RESOURCES												
	TOTAL		POWER REACTORS ALLOCATIONS		SPENT FUEL STORAGE/ REACTOR DECOMM. ALLOCATIONS		NON POWER PRODUCTION OR UTILIZATION FACILITIES ALLOCATIONS		FUEL FACILITY ALLOCATIONS			
	CONTRACT \$,K	FTE	CONTRACT \$,K	FTE	CONTRACT \$,K	FTE	CONTRACT \$,K	FTE	CONTRACT \$,K	FTE	CONTRACT \$,K	FTE
NUCLEAR REACTOR SAFETY	74,966.5	1,722.5	59,698.0	1274.6	1.0	0.3	393.0	9.3	0.0	0.0		
NUCLEAR MATERIALS & WASTE SAFETY	32,883.3	460.9	51.0	2.1	5,854.5	93.3	0.5	0.0	3,342.3	60.3		
CORPORATE	172,391.0	588.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
INSPECTOR GENERAL(no DNSFB)	2,386.0	68.0										
SUBTOTAL - FEE BASE RESOURCE	282,626.8	2,839.4	59,749.0	1276.7	5,855.5	93.6	393.5	9.3	3,342.3	60.3		

FY 2024 MISSION DIRECT BUDGETED RESOURCES												
	TOTAL		MATERIALS ALLOCATIONS		TRANSPORTATION ALLOCATIONS		URANIUM RECOVERY ALLOCATIONS		RARE EARTH ALLOCATIONS		IMPORT/EXPORT ALLOCATIONS	
	CONTRACT \$,K	FTE	CONTRACT \$,K	FTE	CONTRACT \$,K	FTE	CONTRACT \$,K	FTE	CONTRACT \$,K	FTE	CONTRACT \$,K	FTE
NUCLEAR REACTOR SAFETY	74,966.5	1,722.5	0.0	0.00	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
NUCLEAR MATERIALS & WASTE SAFETY	32,883.3	460.9	2,273.0	87.20	1,633.5	23.8	0.0	1.4	0.0	0.4	0.0	0.0
CORPORATE	172,391.0	588.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INSPECTOR GENERAL (no DNSFB)	2,386.0	68.0										
SUBTOTAL - FEE BASE RESOURCE	282,626.8	2,839.4	2,273.0	87.20	1,634.5	23.9	0.0	1.4	0.0	0.4	0.0	0.0

FY 2024 MISSION DIRECT BUDGETED RESOURCES	INCLUDED IN															
	TOTAL		INCLUDED IN FEE-RELIEF ACTIVITIES				PROFESSIONAL HOURLY & FTE RATE (overhead)		NONPROFIT ED. EXEMPTION		INTERNATIONAL ACTIVITIES		AGREEMENT STATE OVERSIGHT		AGREEMENT STATE REG SUPPORT	
	CONTRACT \$,K	FTE	CONTRACT \$,K	FTE	CONTRACT \$,K	FTE	CONTRACT \$,K	FTE	CONTRACT \$,K	FTE	CONTRACT \$,K	FTE	CONTRACT \$,K	FTE	CONTRACT \$,K	FTE
NUCLEAR REACTOR SAFETY	74,966.5	1,722.5	1,580.0	70.2	13,293.5	368.0	490.0	34.5	190.0	33.0	0.0	0.0	900.0	1.2		
NUCLEAR MATERIALS & WASTE SAFETY	32,883.3	460.9	16,154.5	99.2	3,224.0	86.0	105.5	3.7	10,343.0	23.0	1,235.0	23.9	2,234.0	17.4		
CORPORATE	172,391.0	588.0	2,000.0	1.0	170,391.0	587.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
INSPECTOR GENERAL(no DNSFB)	2,386.0	68.0			2,386.0	68.0										
SUBTOTAL - FEE BASE RESOURCE	282,626.8	2,839.4	19,734.5	170.4	189,294.5	1,109.0	595.50	38.20	10,533.00	56.00	1,235.00	23.90	3,134.00	18.60		

FY 2024 MISSION DIRECT BUDGETED RESOURCES															
	TOTAL		ISL RULE/ GEN LICENSEES/ FELLOWSHIPS		GENERIC DECOMMISS/ RECLAMATION		MILITARY RADIUM 226		PUBLIC RADIUM 226		GENERIC LLW		BUDGET SUM		
	CONTRACT \$K	FTE	CONTRACT \$K	FTE	CONTRACT \$K	FTE	CONTRACT \$K	FTE	CONTRACT \$K	FTE	CONTRACT \$K	FTE	CONTRACT \$K	FTE	
NUCLEAR REACTOR SAFETY	74,966.5	1,722.5	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74,966.5	1,722.5
NUCLEAR MATERIALS & WASTE SAFETY	32,883.3	460.9	214.0	10.8	1,963.0	18.5	60.0	1.5	0.0	0.4	350.0	7.2	32,883.3	460.9	
CORPORATE	172,391.0	588.0	2,000.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	172,391.0	588.0	
INSPECTOR GENERAL (no DNSFB)	2,386.0	68.0											2,386.0	68.0	
SUBTOTAL - FEE BASE RESOURCE	282,626.8	2,839.4	2,214.00	13.30	1,963.00	18.50	60.00	1.50	0.00	0.40	350.00	7.20	282,626.8	2,839.4	