Department of Energy
Washington, DC 20585

March 30, 2023

via email: Rulemaking.Comments@nrc.gov

Secretary
U.S. Nuclear Regulatory Commission
ATTN: Rulemakings and Adjudications Staff
Washington, DC 20555-0001

Subject: Docket ID NRC-2021-0024, U.S. Department of Energy Comments on the Proposed Rule for Title 10 *Code of Federal Regulations* Parts 170 and 171, "Revision of Fee Schedules; Fee Recovery for Fiscal Year 2023," published in the *Federal Register* on March 3, 2023

To Whom It May Concern:

The U.S. Department of Energy (DOE) has reviewed the proposed Title 10 *Code of Federal Regulations* Section 10 (10 CFR 170) and 10 CFR 171 fee schedule for fiscal year 2023 and does not have any comments. DOE's intent is to understand how the fee rule can better inform the basis for DOE's estimate of annual uranium licensee fees in its budget request to Congress. DOE appreciates the efforts that the U.S. Nuclear Regulatory Commission (NRC) made this year to provide insight on the new NRC program procedure for Title I and Title II sites in the meeting with DOE on January 18. We look forward to continued communication.

Please contact me at (970) 248-6020 or Paul.Kerl@lm.doe.gov, or Mark Kautsky at (970) 248-6018 or Mark.Kautsky@lm.doe.gov, if you have any questions.

Sincerely,

Paul A. Kerl
Digitally signed by Paul A. Kerl
Date: 2023.03.30 14:11:39 -06'00'

Paul Kerl
UMTRCA/NVOS Team Lead

Enclosure

cc w/enclosure via email:
Mark Kautsky, DOE-LM
DOE Read File
F/22/360

Review of 10 CFR 170 and 10 CFR 171 "Revision of Fee Schedules; Fee Recovery for Fiscal Year 2023" Proposed Rule

1.0 Introduction

The Uranium Mill Tailings Radiation Control Act (UMTRCA) is a federal law that provides for safe and environmentally sound disposal and control of uranium mill tailings at U.S. legacy uranium mill sites. Under this legislation, the U.S. Nuclear Regulatory Commission (NRC) regulates U.S. Department of Energy (DOE) activities at both UMTRCA Title I and Title II sites. Each year, NRC amends the licensing, inspection, and annual fees charged to DOE and other applicants and licensees. These fee-schedule modifications are codified annually under Title 10 *Code of Federal Regulations* Section 170 (10 CFR 170) and 10 CFR 171. By law, NRC is required to recover its operating budget through the assessment of application fees, license fees, and fees for other support.[1] The total amount that NRC assesses is based on congressional appropriations, which can change every year.

This memorandum presents the results of a review by the Legacy Management Support contractor RSI EnTech, LLC (RSI), of NRC's proposed fee-schedule modifications for fiscal year (FY) 2023 (Volume 88 *Federal Register* pages 13357–13384 [88 FR 13357–13384] as the fees apply to the DOE Office of Legacy Management (LM) long-term surveillance and maintenance program. Comments on the proposed rule for FY 2023 are due to NRC by April 3, 2023. RSI does not have any comment recommendations for DOE this year.

To support this discussion, four exhibits are provided at the end of this document. Table 1 summarizes the NRC fee schedules for FY 2013 through FY 2022 (based on final rules) and the proposed NRC fee schedule for FY 2023. Figure 1 is a graphical illustration of the annual fees paid by DOE, based on the fees presented in Table 1. Figure 2 and Figure 3 are scanned excerpts of the most relevant portions of the proposed fee rule for FY 2023 and the supporting NRC work papers.

2.0 Analysis of Proposed Fee Rule

Implementation of the Nuclear Energy Innovation and Modernization Act (NEIMA) in 2021 changed the statutory context associated with NRC's annual fee revisions by repealing the prior fee-recovery framework and replacing it with a revised framework and new requirements to improve invoice accuracy, transparency, and fairness of service fees.

NEIMA requires NRC to recover, to the maximum extent practicable, approximately 100% of its total budget authority for the fiscal year, instead of 90% in years past. Required changes to ensure accurate invoicing included (1) appropriate review and approval for service fees,

[1] Since 2021, NRC's fee regulations are primarily governed by two laws: (1) The Independent Offices Appropriation Act, 1952 (IOAA) (31 USC 9701) and (2) NEIMA (42 USC 2215). The IOAA authorizes and encourages federal agencies to recover—to the fullest extent possible—costs attributable to services provided to identifiable recipients. Because NRC's fee recovery under the IOAA (10 CFR 170) will not equal 100% of the agency's budget authority for the fiscal year, NRC also assesses ''annual fees'' under 10 CFR 171 to recover the remaining amount necessary to comply with NEIMA.

(2) invoice audits [for 10 CFR 170 service fees], and (3) modified regulations for efficient dispute resolution and correction of errors in invoices for service fees (86 FR 32146–32183).

The proposed annual fee to be assessed to DOE for FY 2023 is $119,000, which is within the historical range of annual fees assessed in the last 17 years (since before FY 2006). As shown in Table 1 and Figure 1, the annual fee between FY 2013 and FY 2022 has ranged from a low of $117,000 in FY 2021 to a high of $815,000 in FY 2014. NRC states that the decrease in DOE's UMTRCA proposed annual fee compared to FY 2022 is "due to a decrease in budgeted resources needed to conduct generic work that staff will be performing to resolve issues associated with the transfer of NRC and Agreement State uranium mill tailings sites to DOE for long-term surveillance and maintenance. In addition, 10 CFR part 170 estimated billings are declining due to the anticipated workload decreases at various DOE UMTRCA sites." (88 FR 13357–13384) (Figure 2).

Other Noteworthy Aspects of NRC's Proposed Fee Schedule for FY 2023

- NRC proposes to increase the professional hourly rate from $290 to $300. NRC attributes this 3.4% increase in the hourly rate to a 4.6% increase in budgetary resources of approximately $34.1 million. The increase in budgetary resources is, in turn, primarily due to an increase in salaries and benefits to support federal pay raises for NRC employees (88 FR 13357–13384; Table III).
- The number of mission-direct full-time employees (FTEs) is expected to decline by approximately 24 from 1696 to 1672. The FY 2023 estimate for annual mission-direct FTE productive hours is 1551 hours, which is an increase from 1510 hours in FY 2022 (88 FR 13357–13384; Table III).
- According to the 2023 proposed fee rule "the professional hourly rate is inversely related to the mission-direct FTE amount; therefore, as the number of mission direct FTE decrease, the professional hourly rate may increase" (88 FR 13357–13384).
- Based on NRC work papers (NRC 2023) (Figure 3), the number of NRC FTEs budgeted for the DOE UMTRCA program is 0.5 FTE. This is less than the 0.8 allocation for FY 2021 and FY 2022. Therefore, in FY 2023, DOE should anticipate about 776 hours in dedicated NRC resources for UMTRCA sites (0.5 FTE × 1551 hours per FTE).
- For FY 2023, total uranium recovery license fee receipts are proposed at $168,533. DOE will bear 71% of this cost, less than the 84% proportion assessed in FY 2022. The remaining 29% of FY 2023 costs will be borne by the remaining non-DOE uranium recovery licensee regulated directly by NRC, a basic in situ recovery facility.
- NRC allocates 10% of generic or other uranium recovery costs to DOE and the remaining 90% of these costs to the remaining uranium recovery licensee under direct NRC regulatory oversight.
- The changes NRC has made to implement NEIMA should be providing more transparent service fee invoice information to DOE. NRC described the overall methodology for determining fees for uranium recovery facilities, including DOE, in the 2002 fee rule on page 42625 (67 FR 42612–42641). NRC confirmed in their 2020 comment response to DOE, and the 2023 proposed rule, that they continue to use this methodology.

3.0 Conclusion

There are many factors that influence NRC's budget recovery determination. It may take more than 1 year to be able to identify any trends or specific impacts to LM resulting from the implementation of NEIMA. NRC support to DOE will continue to include meetings, resolution of direct regulatory issues, and other nonspecific support. The FY 2023 proposed fees seem reasonable when considered in the context of anticipated support and historical fee assessments. Historically, the final rule has presented a different "Total Fee Assessed to DOE" than what was estimated in the proposed rule. That should be expected for 2023. Using a higher projected amount for DOE planning is advised. RSI does not recommend that DOE provide any comments on the proposed rulemaking to NRC.

4.0 References

10 CFR 170. U.S. Nuclear Regulatory Commission, "Fees for Facilities, Materials, Import and Export Licenses, and Other Regulatory Services Under the Atomic Energy Act of 1954, As Amended," *Code of Federal Regulations*.

10 CFR 171. U.S. Nuclear Regulatory Commission, "Annual Fees for Reactor Licenses and Fuel Cycle Licenses and Materials Licenses, Including Holders of Certificates of Compliance, Registrations, and Quality Assurance Program Approvals and Government Agencies Licensed by the NRC," *Code of Federal Regulations*.

67 FR 42612–42641. U.S. Nuclear Regulatory Commission, "Revision of Fee Schedules; Fee Recovery for Fiscal Year 2002," *Federal Register*, June 24, 2002.

86 FR 32146–32183. U.S. Nuclear Regulatory Commission, "Revision of Fee Schedules; Fee Recovery for Fiscal Year 2021," *Federal Register*, June 16, 2021.

88 FR 13357–13384. U.S. Nuclear Regulatory Commission, "Revision of Fee Schedules; Fee Recovery for Fiscal Year 2023," *Federal Register*, March 3, 2023.

31 USC 9701. "Fees and Charges for Government Services and Things of Value," *United States Code*.

42 USC 2215. "Nuclear Regulatory Commission User Fees and Annual Charges for Fiscal Year 2021 and Each Fiscal Year Thereafter," *United States Code*.

NRC (U.S. Nuclear Regulatory Commission), 2023. *FY 2023 Proposed Fee Rule Work Papers*, ADAMS Accession Number ML23040A277.

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Table 1. Summary of NRC Fee-Schedule Line Items Affecting DOE Annual Fee Amounts: FY 2013–2022 Final and Proposed FY 2023 Amounts

Line No.	Fee Category/Endpoint	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023 (Proposed)
1	Hourly rate	$272	$279	$268	$265	$263	$275	$278	$279	$288	$290	$300
2	FTEs allocated for DOE UMTRCA[a] (hours per direct FTE)	2.0 (1351)	2.2 (1375)	1.9 (1420)	1.8 (1440)	1.9 (1500)	0.9 (1510)	0.8 (1510)	0.8 (1510)	0.8 (1510)	0.8 (1510)	0.5 (1551)
3	FTE annual rate, hourly rate × hours per direct FTE	$367,472	$383,625	$380,560	$381,600	$394,500	$415,250	$419,780	$421,471	$434,880	$437900	$465,300
4	**UMTRCA Title I (and Title II) budgeted costs less 10 CFR 170 receipts**	**$666,626**	**$774,185**	**$622,898**	**$503,708**	**$574,595**	**$147,161**	**$115,888**	**$114,577**	**$111,536**	**$206,411**	**$113,550**
5	Generic/other uranium recovery budgeted costs for fee class[b]	$404,870	$420,090	$419,860	$411,570	$190,790	$324,340	$54,310	$55,730	$52,410	$52,220	$55,040
6	Total assessed percentage of generic costs	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
7	Generic/other uranium recovery budgeted costs assessed to DOE, line 5 × line 6	$40,487	$42,009	$41,986	$41,157	$19,079	$32,434	$5,431	$5,573	$5,241	$4665	$5504
8	Uranium recovery fee-relief adjustment[b]	−$7,084	−$1,554	–$1,251	–$94	+$21,940	+$8,547	+$33	–$107	N/A	N/A	N/A
9	**Total annual fee assessed to DOE[c]** Sum of UMTRCA budgeted costs in line 4 and adjustments in lines 7 and 8, values rounded	**$700,000** LM portion = 100%	**$815,000** LM portion = 100%	**$666,000** LM portion = 100%	**$545,000** LM portion = 100%	**$616,000** LM portion = 100%	**$122,000** LM portion = 100%	**$121,000** LM portion = 100%	**$120,000** LM portion = 100%	**$117,000** LM portion = 100%	**$211,000** LM portion = 100%	**$119,000** LM portion = 100%
10	Total annual fee amount for other uranium recovery licenses	$300,621	$364,096	$377,874	$369,571	$369,178	$368,828	$49,173	$49,194	$47,166	$41,986	$49,533
11	Total fees assessed, all uranium recovery facilities fee class	$1,000,621	$1,179,096	$1,055,129	$914,751	$985,178	$490,828	$170,173	$169,194	$164,166	$252,986	$168,533
12	Percentage of uranium recovery facilities fee class borne by DOE	70%	69%	63%	60%	61%	34%	71%	71%	71%	84%	71%

Notes:
[a] FTEs established by NRC exclude all nonmission direct hours, such as training, general administration, and leave.
[b] Both the generic/other uranium recovery budgeted costs and the uranium recovery fee-relief adjustments have varied greatly over the years; their basis is not clear.
[c] Before FY 2013, LM's portion of the total uranium recovery facilities fee class was split with the DOE Office of Environmental Management, which is charged with remediating the Moab, Utah, Disposal/Processing UMTRCA Title I Site.

Abbreviation:
N/A = Not Applicable

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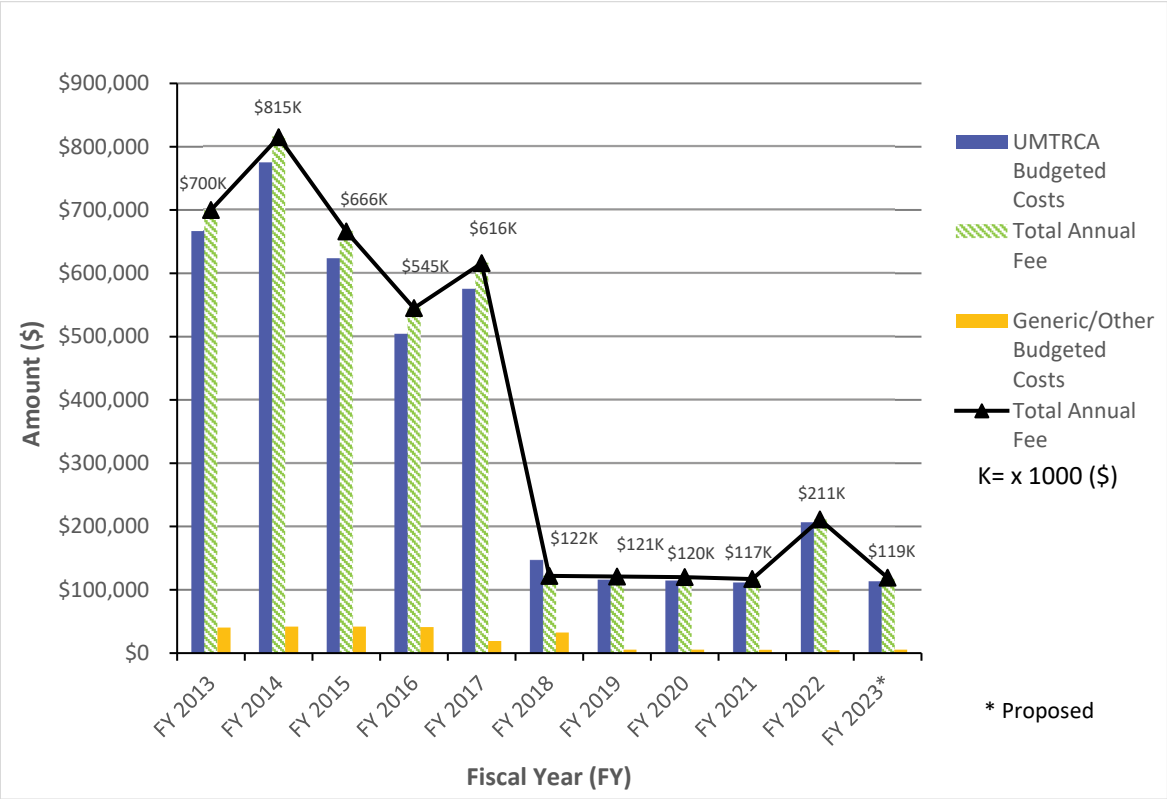

Figure 1. 10 CFR 171: NRC Annual Fees and Budgeted Costs Assessed to DOE Since FY 2013

TABLE XI—ANNUAL FEE SUMMARY CALCULATIONS FOR URANIUM RECOVERY FACILITIES

[Dollars in millions]

Summary fee calculations	FY 2022 final rule	FY 2023 proposed rule
Total budgeted resources	$0.9	$0.8
Less estimated 10 CFR part 170 receipts	−0.6	−0.6
Net 10 CFR part 171 resources	0.3	0.2
Allocated generic transportation	N/A	N/A
Billing adjustments	0.0	0.0
Total required annual fee recovery	0.3	0.2

TABLE XII—COSTS RECOVERED THROUGH ANNUAL FEES; URANIUM RECOVERY FACILITIES FEE CLASS

[Actual dollars]

Summary of costs	FY 2022 final annual fee	FY 2023 proposed annual fee
DOE Annual Fee Amount (UMTRCA Title I and Title II) General Licenses:		
UMTRCA Title I and Title II budgeted resources less 10 CFR part 170 receipts	$206,441	$113,550
10 percent of generic/other uranium recovery budgeted resources	4,665	5,504
10 percent of uranium recovery fee-relief adjustment	N/A	N/A
Total Annual Fee Amount for DOE (rounded)	211,000	119,000
Annual Fee Amount for Other Uranium Recovery Licenses:		
90 percent of generic/other uranium recovery budgeted resources less the amounts specifically budgeted for UMTRCA Title I and Title II activities	41,986	49,533
90 percent of uranium recovery fee-relief adjustment	N/A	N/A
Total Annual Fee Amount for Other Uranium Recovery Licensees	41,986	49,533

Abbreviation:
N/A = Not Applicable

Figure 2.Table XI and XII are Excerpts from March 3, 2023, Proposed Fee Rule Applicable to DOE Fee Assessment (88 FR 13357–13384)

URANIUM RECOVERY ANNUAL FEES
FY 2023

	TOTAL
TOTAL ANNUAL FEE AMOUNT :	$168,586
TOTAL ADJUSTMENT:	0
TOTAL:	$168,586

GROUP 1
Calculation of DOE Annual Fee

Fee Category		contract $	FTE	FTE Rate	Less: Part 170 Receipts	Total Fee
18.B.	DOE UMTRCA Budgeted Costs:	$0	0.50	$464,926	-$118,913	$113,550
	10% x (Total Annual Fee Amount less UMTRCA)					$5,504
					Total:	$119,054
					DOE's Annual Fee Rounded:	$119,000

Figure 3. DOE Annual Fee Derivation
(Excerpted from FY 2023 NRC Proposed Fee Rule Work Papers *[NRC 2023])*

Attachments

- Proposed Fee Rule letter from NRC to OMB
- 2023 Proposed Rule *Federal Register* Notice
- FY 2023 Proposed Rule Work Papers

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

OFFICE OF THE
CHIEF FINANCIAL
OFFICER

March 7, 2023

Erin Cheese
The Office of Management and Budget
725 17th Street, NW
Washington, DC 20503

Dear Erin Cheese:

On March 3, 2023, the U.S. Nuclear Regulatory Commission (NRC) published the fiscal year (FY) 2023 proposed fee rule in the *Federal Register* (88 FR 13357), which is enclosed. The FY 2023 proposed fee rule proposes revisions to the fee requirements of Title 10 of the *Code of Federal Regulations* (10 CFR) Part 170, "Fees for Facilities, Materials, Import and Export Licenses, and Other Regulatory Services Under the Atomic Energy Act of 1954, as Amended" and, 10 CFR Part 171, "Annual Fees for Reactor Licenses and Fuel Cycle Licenses and Materials Licenses, Including Holders of Certificates of Compliance, Registrations, and Quality Assurance Program Approvals and Government Agencies Licensed by the NRC." The amendments are necessary to implement the Nuclear Energy Innovation and Modernization Act (NEIMA).

Under NEIMA, the NRC must recover, to the maximum extent practicable, approximately 100 percent of its total budget authority for the fiscal year, less the budget authority for excluded activities, through fees. Under Section 102(b)(1)(B) of NEIMA, "excluded activities" include any fee-relief activity as identified by the Commission, generic homeland security activities, waste incidental to reprocessing activities, Nuclear Waste Fund activities, advanced reactor regulatory infrastructure activities, Inspector General services for the Defense Nuclear Facilities Safety Board, research and development at universities in areas relevant to the NRC's mission, and a nuclear science and engineering grant program. In FY 2023, the fee-relief activities identified by the Commission are consistent with prior fee rules, which are listed in "Table 1—Excluded Activities," of the FY 2023 proposed fee rule.

The FY 2023 proposed fee rule is based on the Consolidated Appropriations Act, 2023 (the enacted budget). The amount used for total budget authority in this proposed rule is $927.2 million, an increase of $39.5 million from FY 2022. As explained previously, certain portions of the NRC's total budget authority for the fiscal year are excluded from NEIMA's fee-recovery requirement under Section 102(b)(1)(B) of NEIMA. Based on the FY 2023 enacted budget, these exclusions total $137.0 million, which is an increase of $6.0 million from FY 2022. These excluded activities consist of $97.1 million for fee-relief activities, $23.8 million for advanced reactor regulatory infrastructure activities, $13.4 million for generic homeland security activities, $1.2 million for waste incidental to reprocessing activities, and $1.5 million for Inspector General services for the Defense Nuclear Facilities Safety Board. By law, the NRC is required to collect all fees by September 30, 2023.

After accounting for the exclusions from the fee-recovery requirement and net billing adjustments (i.e., for FY 2023 invoices that the NRC estimates will not be paid during the fiscal year, less payments received in FY 2023 for prior-year invoices), the NRC must recover approximately $791.4 million in fees in FY 2023. Of this amount, the NRC estimates that $195.4 million will be recovered through 10 CFR Part 170 service fees and approximately $596.0 million will be recovered through 10 CFR Part 171 annual fees.

The proposed amendments to 10 CFR Part 170 revise the professional hourly rate and flat license application fees charged to licensees and applicants. The hourly rate used to assess 10 CFR Part 170 fees increases from $290 in FY 2022, to $300 in FY 2023.

Compared to FY 2022, the NRC is proposing to decrease annual fees for the U.S. Department of Energy (DOE) Uranium Mill Tailings Radiation Control Act Program, one fuel facilities fee category, and 10 materials users fee categories. The NRC is proposing to increase annual fees for operating power reactors, spent fuel storage/reactor decommissioning activities, non-power production or utilization facilities, DOE transportation activities, the non-DOE uranium recovery licensee, and 47 materials users fee categories. While the operating power reactors annual fee is increasing in FY 2023, it does not exceed the cap established by NEIMA. Generally, 10 CFR Part 171 annual fees are impacted by changes to the budget, fees for services, the number of licensees, the results of the biennial review of fees, and other factors. Additionally, the FY 2023 proposed fee rule includes one proposed policy change and three administrative changes. Please feel free to reach out to me if you have any questions regarding the proposed fee rule.

Sincerely,

Jason Shay Signed by Shay, Jason on 03/07/23

Jason E. Shay, Budget Director
Division of Budget
Office of the Chief Financial Officer

Enclosure:
Federal Register Notice

cc: Christine McDonald, OMB
Kristine Arboleda, OMB

SUBJECT: FISCAL YEAR 2023 PROPOSED FEE RULE LETTER TO THE OFFICE OF MANAGEMENT AND BUDGET, DATED: MARCH 7, 2023

DISTRIBUTION:
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ADAMS Accession Number: ML23026A030

OFFICE	OCFO/DOB	OCFO/DOB	OCFO/DOB
NAME	JJacobs	WBlaney	CGalster
DATE	01/26/2023	01/26/2023	01/26/2023
OFFICE	OCFO/DOB	OCFO/DOB	OCFO/DOB
NAME	ARossi	RAllwein	JShay
DATE	01/26/2023	01/26/2023	03/07/2023

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[2] The numerical entries in this column are based on the following category definitions: *Category 1:* For the issue, the analysis reported in the Generic Environmental Impact Statement has shown: (1) The environmental impacts associated with the issue have been determined to apply either to all plants or, for some issues, to plants having a specific type of cooling system or other specified plant or site characteristic; (2) A single significance level (*i.e.,* small, moderate, or large) has been assigned to the impacts (except for offsite radiological impacts of spent nuclear fuel and high-level waste disposal and offsite radiological impacts—collective impacts from other than the disposal of spent fuel and high-level waste); and (3) Mitigation of adverse impacts associated with the issue has been considered in the analysis, and it has been determined that additional plant-specific mitigation measures are not likely to be sufficiently beneficial to warrant implementation. The generic analysis of the issue may be adopted in each plant-specific review. *Category 2:* For the issue, the analysis reported in the Generic Environmental Impact Statement has shown that one or more of the criteria of Category 1 cannot be met, and therefore additional plant-specific review is required.

[3] The impact findings in this column are based on the definitions of three significance levels. Unless the significance level is identified as beneficial, the impact is adverse, or in the case of ''small,'' may be negligible. The definitions of significance follow: SMALL—For the issue, environmental effects are not detectable or are so minor that they will neither destabilize nor noticeably alter any important attribute of the resource. For the purposes of assessing radiological impacts, the Commission has concluded that those impacts that do not exceed permissible levels in the Commission's regulations are considered small as the term is used in this table. MODERATE—For the issue, environmental effects are sufficient to alter noticeably, but not to destabilize, important attributes of the resource. LARGE—For the issue, environmental effects are clearly noticeable and are sufficient to destabilize important attributes of the resource. For issues where probability is a key consideration (*i.e.,* accident consequences), probability was a factor in determining significance.

[4] This issue applies only to the in-scope portion of electric power transmission lines, which are defined as transmission lines that connect the nuclear power plant to the substation where electricity is fed into the regional power distribution system and transmission lines that supply power to the nuclear plant from the grid.

[5] NA (not applicable). The categorization and impact finding definitions do not apply to these issues.

[6] If, in the future, the Commission finds that, contrary to current indications, a consensus has been reached by appropriate Federal health agencies that there are adverse health effects from electromagnetic fields, the Commission will require applicants to submit plant-specific reviews of these health effects as part of their license renewal applications. Until such time, applicants for license renewal are not required to submit information on this issue.

[7] Although the NRC does not anticipate any license renewal applications for nuclear power plants for which a previous severe accident mitigation design alternative (SAMDA) or severe accident mitigation alternative (SAMA) analysis has not been performed, alternatives to mitigate severe accidents must be considered for all plants that have not considered such alternatives and would be the functional equivalent of a Category 2 issue requiring site-specific analysis.

Dated: February 23, 2023.

For the Nuclear Regulatory Commission.

Brooke P. Clark,

Secretary of the Commission.

[FR Doc. 2023–04102 Filed 3–2–23; 8:45 am]

BILLING CODE 7590–01–P

NUCLEAR REGULATORY COMMISSION

10 CFR Parts 170 and 171

[NRC–2021–0024]

RIN 3150–AK58

Revision of Fee Schedules; Fee Recovery for Fiscal Year 2023

AGENCY: Nuclear Regulatory Commission.

ACTION: Proposed rule.

SUMMARY: The U.S. Nuclear Regulatory Commission (NRC) is proposing to amend the licensing, inspection, special project, and annual fees charged to its applicants and licensees. The proposed amendments are necessary to comply with the Nuclear Energy Innovation and Modernization Act, which requires the NRC to recover, to the maximum extent practicable, approximately 100 percent of its annual budget less certain amounts excluded from this fee-recovery requirement.

DATES: Submit comments by April 3, 2023. Comments received after this date will be considered if it is practical to do so, but the NRC is only able to ensure consideration for comments received before this date. Because the Nuclear Energy Innovation and Modernization Act requires the NRC to collect fees for fiscal year 2023 by September 30, 2023, the NRC must finalize any revisions to its fee schedules promptly, and thus is unable to grant any extension request of the comment period.

ADDRESSES: You may submit comments by any of the following methods; however, the NRC encourages electronic comment submission through the Federal rulemaking website:

- *Federal rulemaking website:* Go to *https://www.regulations.gov* and search for Docket ID NRC–2021–0024. Address questions about NRC dockets to Dawn Forder; telephone: 301–415–3407; email: *Dawn.Forder@nrc.gov.* For technical questions, contact the individual listed in the **FOR FURTHER INFORMATION CONTACT** section of this proposed rule.
- *Email comments to: Rulemaking.Comments@nrc.gov.* If you do not receive an automatic email reply confirming receipt, then contact us at 301–415–1677.
- *Fax comments to:* Secretary, U.S. Nuclear Regulatory Commission at 301–415–1101.
- *Mail comments to:* Secretary, U.S. Nuclear Regulatory Commission, Washington, DC 20555–0001, ATTN: Rulemakings and Adjudications Staff.
- *Hand deliver comments to:* 11555 Rockville Pike, Rockville, Maryland 20852, between 7:30 a.m. and 4:15 p.m. (ET) Federal workdays; telephone: 301–415–1677.

For additional direction on obtaining information and submitting comments, see ''Obtaining Information and Submitting Comments'' in the **SUPPLEMENTARY INFORMATION** section of this document.

FOR FURTHER INFORMATION CONTACT: Anthony Rossi, Office of the Chief Financial Officer, U.S. Nuclear Regulatory Commission, Washington, DC 20555–0001, telephone: 301–415–7341; email: *Anthony.Rossi@nrc.gov.*

SUPPLEMENTARY INFORMATION:

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X. Voluntary Consensus Standards
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I. Obtaining Information and Submitting Comments

A. Obtaining Information

Please refer to Docket ID NRC–2021–0024 when contacting the NRC about the availability of information for this action. You may obtain publicly-available information related to this action by any of the following methods:

- *Federal Rulemaking Website:* Go to *https://www.regulations.gov* and search for Docket ID NRC–2021–0024.
- *NRC's Agencywide Documents Access and Management System (ADAMS):* You may obtain publicly available documents online in the ADAMS Public Documents collection at *https://www.nrc.gov/reading-rm/adams.html.* To begin the search, select ''Begin Web-based ADAMS Search.'' For problems with ADAMS, please contact the NRC's Public Document Room (PDR) reference staff at 1–800–397–4209 or 301–415–4737, or by email to *PDR.Resource@nrc.gov.* For the convenience of the reader, the ADAMS accession numbers are provided in the ''Availability of Documents'' section of this document.
- *NRC's PDR:* You may examine and purchase copies of public documents, by appointment, at the NRC's PDR, Room P1 B35, One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852. To make an appointment to visit the PDR, please send an email to *PDR.Resource@nrc.gov* or call 1–800–397–4209 or 301–415–

4737, between 8:00 a.m. and 4:00 p.m. (ET), Monday through Friday, except Federal holidays.

B. Submitting Comments

The NRC encourages electronic submission of comments through the Federal rulemaking website (*https://www.regulations.gov*). Please include Docket ID NRC–2021–0024 in your comment.

The NRC cautions you not to include identifying or contact information that you do not want to be publicly disclosed in your comment. The NRC will post all comments at *https://www.regulations.gov* as well as enter the comments into ADAMS. The NRC does not routinely edit comments to remove identifying or contact information.

If you are requesting or aggregating comments from other persons for submission to the NRC, then you should inform those persons not to include identifying or contact information that they do not want to be publicly disclosed in their comments. Your request should state that the NRC does not routinely edit comments to remove such information before making the comments available to the public or entering the comments into ADAMS.

II. Background; Statutory Authority

The NRC's fee regulations are primarily governed by two laws: (1) the Independent Offices Appropriation Act, 1952 (IOAA) (31 U.S.C. 9701), and (2) the Nuclear Energy Innovation and Modernization Act (NEIMA) (42 U.S.C. 2215). The IOAA authorizes and encourages Federal agencies to recover, to the fullest extent possible, costs attributable to services provided to identifiable recipients. Under NEIMA, the NRC must recover, to the maximum extent practicable, approximately 100 percent of its annual budget, less the budget authority for excluded activities. Under section 102(b)(1)(B) of NEIMA, ''excluded activities'' include any fee-relief activity as identified by the Commission, generic homeland security activities, waste incidental to reprocessing activities, Nuclear Waste Fund activities, advanced reactor regulatory infrastructure activities, Inspector General services for the Defense Nuclear Facilities Safety Board, research and development at universities in areas relevant to the NRC's mission, and a nuclear science and engineering grant program. In fiscal year (FY) 2023, the fee-relief activities identified by the Commission are consistent with prior fee rules, which are listed in Table 1—Excluded Activities.

Under NEIMA, the NRC must use its IOAA authority first to collect service fees for NRC work that provides specific benefits to identifiable recipients (such as licensing work, inspections, and special projects). The NRC's regulations in 10 CFR part 170, ''Fees for Facilities, Materials, Import and Export Licenses, and Other Regulatory Services Under the Atomic Energy Act of 1954, as Amended,'' explain how the agency collects service fees from specific beneficiaries. Because the NRC's fee recovery under the IOAA (10 CFR part 170) will not equal 100 percent of the agency's total budget authority for the fiscal year (less the budget authority for excluded activities), the NRC also assesses ''annual fees'' under 10 CFR part 171, ''Annual Fees for Reactor Licenses and Fuel Cycle Licenses and Materials Licenses, Including Holders of Certificates of Compliance, Registrations, and Quality Assurance Program Approvals and Government Agencies Licensed by the NRC,'' to recover the remaining amount necessary to comply with NEIMA.

III. Discussion

FY 2023 Fee Collection—Overview

The NRC is issuing this FY 2023 proposed fee rule based on the Consolidated Appropriations Act, 2023 (the enacted budget). The proposed fee rule reflects a total budget authority in the amount of $927.2 million, which is an increase of $39.5 million from FY 2022. As explained previously, certain portions of the NRC's total budget authority for the fiscal year are excluded from NEIMA's fee-recovery requirement under section 102(b)(1)(B) of NEIMA. Based on the FY 2023 enacted budget, these exclusions total $137.0 million, which is an increase of $6.0 million from FY 2022. These excluded activities consist of $97.1 million for fee-relief activities, $23.8 million for advanced reactor regulatory infrastructure activities, $13.4 million for generic homeland security activities, $1.2 million for waste incidental to reprocessing activities, and $1.5 million for Inspector General services for the Defense Nuclear Facilities Safety Board. Table I summarizes the excluded activities for the FY 2023 proposed fee rule. The FY 2022 amounts are provided for comparison purposes.

TABLE I—EXCLUDED ACTIVITIES

[Dollars in millions]

	FY 2022 final rule	FY 2023 proposed rule
Fee-Relief Activities:		
International activities	25.5	28.7
Agreement State oversight	11.1	11.9
Medical isotope production infrastructure	3.7	2.6
Fee exemption for nonprofit educational institutions	11.6	13.5
Costs not recovered from small entities under 10 CFR 171.16(c)	7.4	8.8
Regulatory support to Agreement States	12.1	14.2
Generic decommissioning/reclamation activities (not related to the operating power reactors and spent fuel storage fee classes)	15.9	13.8
Uranium recovery program and unregistered general licensees	3.0	2.3
Potential Department of Defense remediation program Memorandum of Understanding activities	0.9	0.9
Non-military radium sites	0.3	0.2
Subtotal Fee-Relief Activities	91.5	97.1
Activities under section 102(b)(1)(B)(ii) of NEIMA (Generic Homeland Security activities, Waste Incidental to Reprocessing activities, and the Defense Nuclear Facilities Safety Board)	16.5	16.1
Advanced reactor regulatory infrastructure activities	23.0	23.8
Total Excluded Activities	131.0	137.0

After accounting for the exclusions from the fee-recovery requirement and net billing adjustments (*i.e.,* for FY 2023 invoices that the NRC estimates will not be paid during the fiscal year, less payments received in FY 2023 for prior-year invoices), the NRC must recover approximately $791.4 million in fees in FY 2023. Of this amount, the NRC estimates that $195.4 million will be recovered through 10 CFR part 170 service fees and approximately $596.0 million will be recovered through 10 CFR part 171 annual fees. Table II summarizes the fee-recovery amounts for the FY 2023 proposed fee rule using the FY 2023 enacted budget and takes into account the budget authority for excluded activities and net billing adjustments. For all information presented in the following tables in this proposed rule, individual values may not sum to totals due to rounding. Please see the work papers, available as indicated in the ''Availability of Documents'' section of this document, for actual amounts.

In FY 2023, the explanatory statement associated with the Consolidated Appropriations Act, 2023, includes direction for the NRC to use $16.0 million in prior-year unobligated carryover funds for the University Nuclear Leadership Program. Consistent with the requirements of NEIMA, the NRC does not assess fees in the current fiscal year for any carryover funds because fees are calculated based on the budget authority enacted for the current fiscal year. Fees were already assessed in the fiscal year in which the carryover funds were appropriated. The FY 2022 amounts are provided for comparison purposes.

TABLE II—BUDGET AND FEE RECOVERY AMOUNTS

[Dollars in millions]

	FY 2022 final rule	FY 2023 proposed rule
Total budget authority	$887.7	$927.2
Less Budget Authority for Excluded Activities:	−131.0	−137.0
Balance	756.7	790.2
Fee Recovery Percent	100.0	100.0
Total Amount to be Recovered:	756.7	790.2
Less Estimated Amount to be Recovered through 10 CFR part 170 Fees	−198.8	−195.4
Estimated Amount to be Recovered through 10 CFR part 171 Fees	557.9	594.8
10 CFR part 171 Billing Adjustments:		
Unpaid Current Year Invoices (estimated)	2.0	4.9
Less Payments Received in Current Year for Previous Year Invoices (estimated)	−6.0	−3.7
Adjusted 10 CFR part 171 Annual Fee Collections Required	553.9	596.0
Adjusted Amount to be Recovered through 10 CFR parts 170 and 171 Fees	752.7	791.4

FY 2023 Fee Collection—Professional Hourly Rate

The NRC uses a professional hourly rate to assess fees under 10 CFR part 170 for specific services it provides. The professional hourly rate also helps determine flat fees (which are used for the review of certain types of license applications). This rate is applicable to all activities for which fees are assessed under §§ 170.21 and 170.31.

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)). The NRC then subtracts certain offsetting receipts and divides this total by the mission-direct full-time equivalent (FTE) converted to hours (the mission-direct FTE converted to hours is the product of the mission-direct FTE multiplied by the estimated annual mission-direct FTE productive hours). The only budgeted resources excluded from the professional hourly rate are those for mission-direct contract resources, which are generally billed to licensees separately. The following shows the professional hourly rate calculation:

$$\text{Professional Hourly Rate} = \frac{\text{Budgeted Resources}}{\text{Mission-Direct FTE Converted to Hours}} = \frac{\$777.5 \text{ million}}{1{,}672.2 \times 1{,}551} = \$300$$

For FY 2023, the NRC is proposing to increase the professional hourly rate from $290 to $300. The 3.4 percent increase in the professional hourly rate is primarily due to a 4.6 percent increase in budgeted resources of approximately $34.1 million. The increase in budgeted resources is primarily due to an increase in salaries and benefits to support Federal pay raises for NRC employees. The anticipated decline in the number of mission-direct FTE compared to FY 2022 also contributed to the proposed increase in the professional hourly rate. The professional hourly rate is inversely related to the mission-direct FTE amount; therefore, as the number of mission-direct FTE decrease, the professional hourly rate may increase. The number of mission-direct FTE is expected to decline by approximately 24, primarily due to: (1) the closure of the Palisades Nuclear Plant (Palisades); (2) a reduction in resources for development of the operating reactors licensing action infrastructure for process improvements and special projects; and (3) planned completions and budget reallocations to support the restoration of resources for Byron Station, Units 1 and 2, and Dresden Nuclear Power Station, Units 2 and 3.

The FY 2023 estimate for annual mission-direct FTE productive hours is 1,551 hours, which is an increase from 1,510 hours in FY 2022. This estimate, also referred to as the ''Productive Hours Assumption,'' reflects the average number of hours that a mission-direct employee spends on mission-direct work in a given year. This estimate, therefore, excludes hours charged to annual leave, sick leave, holidays, training, and general administrative tasks. Table III shows the professional hourly rate calculation methodology. The FY 2022 amounts are provided for comparison purposes.

TABLE III—PROFESSIONAL HOURLY RATE CALCULATION

[Dollars in millions, except as noted]

	FY 2022 final rule	FY 2023 proposed rule
Mission-Direct Program Salaries & Benefits	$349.3	$359.2
Mission-Indirect Program Support	$115.1	$118.8
Agency Support (Corporate Support and the IG)	$278.9	$299.5
Subtotal	$743.3	$777.5
Less Offsetting Receipts [1]	$0.0	$0.0
Total Budgeted Resources Included in Professional Hourly Rate	$743.3	$777.5
Mission-Direct FTE	1,696.1	1,672.2
Annual Mission-Direct FTE Productive Hours (Whole numbers)	1,510	1,551
Mission-Direct FTE Converted to Hours (Mission-Direct FTE multiplied by Annual Mission-Direct FTE Productive Hours)	2,561,111	2,593,582
Professional Hourly Rate (Total Budgeted Resources Included in Professional Hourly Rate Divided by Mission-Direct FTE Converted to Hours) (Whole Numbers)	$290	$300

[1] The fees collected by the NRC for Freedom of Information Act (FOIA) services and indemnity fees (financial protection required of all licensees for public liability claims at 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 the Office of Management and Budget 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 budgeted resources for indemnity activities are allocated under the Licensing Actions and Research and Test Reactors products within the Operating Reactors business line.

FY 2023 Fee Collection—Flat Application Fee Changes

The NRC proposes to amend the flat application fees it charges in its schedule of fees in § 170.31 to reflect the revised professional hourly rate of $300. The NRC charges these fees to applicants for materials licenses and other regulatory services, as well as to holders of materials licenses. The NRC calculates these flat fees by multiplying the average professional staff hours needed to process the licensing actions by the professional hourly rate for FY 2023. As part of its calculations, the NRC analyzes the actual hours spent performing licensing actions and estimates the five-year average of professional staff hours that are needed to process licensing actions as part of its biennial review of fees. These actions are required by section 205(a) of the Chief Financial Officers Act of 1990 (31 U.S.C. 902(a)(8)). The NRC performed this review for the FY 2023 proposed rule and will perform this review again for the FY 2025 proposed rule. The biennial review adjustments and the higher professional hourly rate of $300 is the primary reason for the increase in flat application fees (see the work papers).

In order to simplify billing, the NRC rounds these flat fees to a minimal degree. Specifically, the NRC rounds these flat fees (up or down) in such a way that ensures both convenience for its stakeholders and minimal effects due to rounding. Accordingly, fees under $1,000 are rounded to the nearest $10, fees between $1,000 and $100,000 are rounded to the nearest $100, and fees greater than $100,000 are rounded to the nearest $1,000.

The proposed flat fees are applicable for certain materials licensing actions (see fee categories 1.C. through 1.D., 2.B. through 2.F., 3.A. through 3.S., 4.B. through 5.A., 6.A. through 9.D., 10.B., 15.A. through 15.L., 15.R., and 16 of § 170.31). Applications filed on or after the effective date of the FY 2023 final fee rule will be subject to the revised fees in the final rule. Since international activities are an excluded activity, fees are not assessed for import and export licensing actions under 10 CFR parts 170 and 171.

FY 2023 Fee Collection—Low-Level Waste Surcharge

The NRC proposes to assess a generic low-level waste (LLW) surcharge of $4.023 million. Disposal of LLW occurs at commercially-operated LLW disposal facilities that are licensed by either the NRC or an Agreement State. Four existing LLW disposal facilities in the United States accept various types of LLW. All are located in Agreement States and, therefore, are regulated by an Agreement State, rather than the NRC. The NRC proposes to allocate this surcharge to its licensees based on data available in the U.S. Department of Energy's (DOE) Manifest Information Management System. This database contains information on total LLW volumes disposed of by four generator classes: academic, industrial, medical, and utility. The ratio of waste volumes disposed of by these generator classes to total LLW volumes disposed over a period of time is used to estimate the portion of this surcharge that will be allocated to the power reactors, fuel facilities, and the materials users fee classes. The materials users fee class portion is adjusted to account for the large percentage of materials licensees that are licensed by the Agreement States rather than the NRC.

Table IV shows the allocation of the LLW surcharge and its allocation across the various fee classes.

TABLE IV—ALLOCATION OF LLW SURCHARGE FY 2023

[Dollars in millions]

Fee classes	LLW surcharge	
	Percent	$
Operating Power Reactors	88.4	3.556
Spent Fuel Storage/Reactor Decommissioning	0.0	0.000
Non-Power Production or Utilization Facilities	0.0	0.000
Fuel Facilities	9.2	0.370
Materials Users	2.4	0.097
Transportation	0.0	0.000
Rare Earth Facilities	0.0	0.000
Uranium Recovery	0.0	0.000
Total	100.0	4.023

FY 2023 Fee Collection—Revised Annual Fees

In accordance with SECY–05–0164, ''Annual Fee Calculation Method,'' the NRC rebaselines its annual fees every year. ''Rebaselining'' entails analyzing the budget in detail and then allocating the FY 2023 budgeted resources to various classes or subclasses of licensees. It also includes updating the number of NRC licensees in its fee calculation methodology.

The NRC is proposing revisions to its annual fees in §§ 171.15 and 171.16 to recover approximately 100 percent of the NRC's FY 2023 enacted budget (less the budget authority for excluded activities and the estimated amount to be recovered through 10 CFR part 170 fees).

Table V shows the proposed rebaselined fees for FY 2023 for a sample of licensee categories. The FY 2022 amounts are provided for comparison purposes.

TABLE V—REBASELINED ANNUAL FEES

[Actual dollars]

Class/category of licenses	FY 2022 final annual fee	FY 2023 proposed annual fee
Operating Power Reactors	$5,165,000	$5,486,000
+ Spent Fuel Storage/Reactor Decommissioning	227,000	267,000
Total, Combined Fee	5,392,000	5,753,000
Spent Fuel Storage/Reactor Decommissioning	227,000	267,000
Non-Power Production or Utilization Facilities	90,100	98,900
High Enriched Uranium Fuel Facility (Category 1.A.(1)(a))	4,334,000	5,136,000
Low Enriched Uranium Fuel Facility (Category 1.A.(1)(b))	1,469,000	1,741,000
Uranium Enrichment (Category 1.E)	1,888,000	2,238,000
UF_6 Conversion and Deconversion Facility (Category 2.A.(1)	436,000	1,320,000
Basic *In Situ* Recovery Facilities (Category 2.A.(2)(b))	42,000	49,500
Typical Users:		
Radiographers (Category 3O)	29,600	43,700
All Other Specific Byproduct Material Licensees (Category 3P)	9,900	12,500
Medical Other (Category 7C)	17,000	18,100
Device/Product Safety Evaluation—Broad (Category 9A)	18,100	17,600

The work papers that support this proposed rule show in detail how the NRC allocates the budgeted resources for each class of licensees and calculates the fees.

Paragraphs a. through h. of this section describe the budgeted resources allocated to each class of licensees and the calculations of the rebaselined fees. For more information about detailed fee calculations for each class, please consult the accompanying work papers for this proposed rule.

a. Operating Power Reactors

The NRC proposes to collect $510.2 million in annual fees from the operating power reactors fee class in FY 2023, as shown in Table VI. The FY 2022 operating power reactors fees are shown for comparison purposes.

TABLE VI—ANNUAL FEE SUMMARY CALCULATIONS FOR OPERATING POWER REACTORS

[Dollars in millions]

Summary fee calculations	FY 2022 final rule	FY 2023 proposed rule
Total budgeted resources	$645.4	$665.3
Less estimated 10 CFR part 170 receipts	−165.8	−160.2
Net 10 CFR part 171 resources	479.6	505.1

TABLE VI—ANNUAL FEE SUMMARY CALCULATIONS FOR OPERATING POWER REACTORS—Continued

[Dollars in millions]

Summary fee calculations	FY 2022 final rule	FY 2023 proposed rule
Allocated generic transportation	0.4	0.5
Allocated LLW surcharge	3.8	3.6
Billing adjustment	−3.4	1.0
Total required annual fee recovery	480.3	510.2
Total operating reactors	93	93
Annual fee per operating reactor	5.165	5.486

In comparison to FY 2022, the FY 2023 proposed annual fee for the operating power reactors fee class is increasing primarily due to the following: (1) an increase in budgeted resources; (2) a decrease in 10 CFR part 170 estimated billings; and (3) an increase in the 10 CFR part 171 billing adjustment. These components are discussed in the following paragraphs.

The budgeted resources for the operating power reactors fee class increased primarily as a result of an increase in the fully-costed FTE rate compared to FY 2022 due to an increase in salaries and benefits. The increase is offset by a decrease in the budgeted resources primarily due to a reduction in FTE for the following: (1) the closure of Palisades; (2) a reduction resources for the development of operating reactors licensing action infrastructure for process improvements and special projects; (3) a reduction in contract support resources for baseline inspections in the reactors safety program now being performed in-house; and (4) planned completions and budget reallocations to support the restoration of resources for Byron Station, Units 1 and 2, and Dresden Nuclear Power Station, Units 2 and 3.

The proposed annual fee is increasing due to a reduction in the 10 CFR part 170 estimated billings resulting from: (1) a decrease in hours associated with the closure of Palisades and (2) delays to planned new reactor design and licensing applications, topical reports, and white papers.

The proposed annual fee increase is also affected by these contributing factors: (1) an increase in the10 CFR part 171 billing adjustment (moving from a credit to a surcharge) due to the timing of invoices issued in FY 2022, and (2) an increase in the generic transportation surcharge due to an increase in the overall budgeted resources for certificates of compliance (CoCs) for the operating power reactors fee class.

The fee-recoverable budgeted resources, including the proposed assessment of annual fees for Vogtle Electric Generating Plant, Unit 3, are divided equally among the 93 licensed operating power reactors, resulting in an annual fee of $5,486,000 per reactor. Additionally, each licensed operating power reactor will be assessed the FY 2023 spent fuel storage/reactor decommissioning proposed annual fee of $267,000 (see Table VII and the discussion that follows). The combined FY 2023 proposed annual fee for each operating power reactor is $5,753,000.

Section 102(b)(3)(B)(i) of NEIMA established a cap for the annual fees charged to operating reactor licensees; under this provision, the annual fee for an operating reactor licensee, to the maximum extent practicable, shall not exceed the annual fee amount per operating reactor licensee established in the FY 2015 final fee rule (80 FR 37432; June 30, 2015), adjusted for inflation. The NRC included an estimate of the operating power reactors fee class annual fee in Appendix C, ''Estimated Operating Power Reactors Annual Fee,'' of the FY 2023 Congressional Budget Justification (CBJ) (NUREG–1100, Volume 38) to increase transparency for stakeholders. The NRC developed this estimate based on the staff's allocation of the FY 2023 CBJ to fee classes under 10 CFR part 170, and allocations within the operating power reactors fee class under 10 CFR part 171. The fee estimate included in the FY 2023 CBJ assumed 94 operating power reactors in FY 2023 and applied various data assumptions from the FY 2021 final fee rule. Based on these allocations and assumptions, the operating power reactor annual fee included in the FY 2023 CBJ was estimated to be $5.2 million, approximately $0.5 million below the FY 2015 operating power reactors annual fee amount adjusted for inflation of $5.7 million. The assumptions made between budget formulation and the development of this proposed rule have changed; however, the FY 2023 proposed annual fee of $5,486,000 remains below the FY 2015 operating power reactors annual fee amount, as adjusted for inflation.

In FY 2016, the NRC amended its licensing, inspection, and annual fee regulations to establish a variable annual fee structure for light-water small modular reactors (SMRs) (81 FR 32617; May 24, 2016). Under the variable annual fee structure, an SMR annual fee would be assessed as a function of its bundled licensed thermal power rating. Currently, there are no operating SMRs; therefore, the NRC will not assess an annual fee in FY 2023 for this type of licensee.

b. Spent Fuel Storage/Reactor Decommissioning

The NRC proposes to collect $32.9 million in annual fees from 10 CFR part 50 and 10 CFR part 52 power reactor licensees, and from 10 CFR part 72 licensees that do not hold a 10 CFR part 50 license or a 10 CFR part 52 combined license, to recover the budgeted resources for the spent fuel storage/reactor decommissioning fee class in FY 2023, as shown in Table VII. The FY 2022 spent fuel storage/reactor decommissioning fees are shown for comparison purposes.

TABLE VII—ANNUAL FEE SUMMARY CALCULATIONS FOR SPENT FUEL STORAGE/REACTOR DECOMMISSIONING

[Dollars in millions]

Summary fee calculations	FY 2022 final rule	FY 2023 proposed rule
Total budgeted resources	$40.4	$42.9
Less estimated 10 CFR part 170 receipts	−13.8	−11.7
Net 10 CFR part 171 resources	26.6	31.2
Allocated generic transportation costs	1.3	1.6
Billing adjustments	−0.2	0.1
Total required annual fee recovery	27.7	32.9
Total spent fuel storage facilities	122	123
Annual fee per facility	0.227	0.267

In comparison to FY 2022, the FY 2023 proposed annual fee for the spent fuel storage/reactor decommissioning fee class is increasing primarily due to the following: (1) an increase in the budgeted resources; (2) a decrease in the 10 CFR part 170 estimated billings and (3) an increase in the 10 CFR part 171 billing adjustment. These components are discussed in the following paragraphs.

The budgeted resources for the spent fuel storage/reactor decommissioning fee class increased primarily due to the following: (1) an increase in the fully-costed FTE rate compared to FY 2022 due to an increase in salaries and benefits; (2) an increase in licensing and oversight activities for one additional power reactor in decommissioning; and (3) an increased number of power reactors transitioning to accelerated decommissioning schedule status. This increase in the budgeted resources is offset by a decline in contract support due to the completion of research activities related to accident tolerant fuel (ATF), the assessment of gross ruptures in high burnup fuel, and standardized computer analysis for licensing evaluation (SCALE) code verification and validation.

The 10 CFR part 170 estimated billings for the spent fuel storage/reactor decommissioning fee class decreased primarily due to the following: (1) a reduction in hours and contract support associated with the staff's review of applications for renewals, amendments, exemptions, and inspections for independent spent fuel storage installation (ISFSI) licenses and dry cask storage CoCs; (2) the near completion of the safety and environmental review of the Holtec HI–STORE consolidated interim storage facility application; (3) the completion of the staff's review of the Interim Storage Partners consolidated interim storage facility application and issuance of the license; (4) the completion of decommissioning transition activities for the Duane Arnold Energy Center and the site entering a period of dormancy; (5) the near termination of the LaCrosse Boiling Water Reactor and preparation to release the site from NRC oversight; (6) the termination of the 10 CFR part 50 license for the Humboldt Bay Nuclear Power Plant; and (7) the decrease in decommissioning license amendment requests and inspection activities at multiple sites.

The proposed annual fee increase is also affected by these contributing factors: (1) an increase in the 10 CFR part 171 billing adjustment (moving from a credit to a surcharge) due to the timing of invoices in FY 2022, and (2) an increase in the generic transportation surcharge due to an increase in the generic transportation budgeted resources.

The required annual fee recovery amount is divided equally among 123 licensees, resulting in a FY 2023 annual fee of $267,000 per licensee.

c. Fuel Facilities

The NRC proposes to collect $19.9 million in annual fees from the fuel facilities fee class in FY 2023, as shown in Table VIII. The FY 2022 fuel facilities fees are shown for comparison purposes.

TABLE VIII—ANNUAL FEE SUMMARY CALCULATIONS FOR FUEL FACILITIES

[Dollars in millions]

Summary fee calculations	FY 2022 final rule	FY 2023 proposed rule
Total budgeted resources	$22.4	$26.6
Less estimated 10 CFR part 170 receipts	−8.0	−9.0
Net 10 CFR part 171 resources	14.4	17.6
Allocated generic transportation	1.7	1.9
Allocated LLW surcharge	0.4	0.4
Billing adjustments	−0.1	0.0
Total remaining required annual fee recovery	16.4	19.9

In comparison to FY 2022, the FY 2023 proposed annual fee for the fuel facilities fee class is increasing primarily due to the increase in budgeted resources. This increase is offset by an increase in 10 CFR part 170 estimated billings as discussed in the following paragraphs.

The budgeted resources for the fuel facilities fee class increased primarily as a result of an increase in the fully-costed FTE rate compared to FY 2022 due to

an increase in salaries and benefits. In addition, the budgeted resources increased to support the following: (1) licensing actions related to enrichment and manufacturing of high assay low-enrichment uranium fuel, advanced reactor fuel, and ATF; (2) the staff's review of two greater than critical mass (GTCM) facility license renewal applications and an application for a new GTCM facility; (3) cyber security activities; (4) restart activities for the Honeywell International, Inc. Uranium Conversion Facility and the Centrus American Centrifuge Plant; (5) an anticipated increase in material control and accounting inspections at Category II facilities; and (6) fuel facilities rulemaking activities.

The 10 CFR part 170 estimated billings increased as a result of the following: (1) the staff's review of the Westinghouse Electric Company, LLC's license renewal application for the Columbia Fuel Fabrication Facility, which was completed in September 2022; (2) the staff's review of the Nuclear Fuel Services U-metal amendment and an inspection that was delayed due to the COVID–19 pandemic; (3) Louisiana Energy Services' transition of the Authority to Operate from DOE to the NRC; and (4) upgrades to National Institute of Standards and Technology (NIST)–800–53 Revision 5, ''Security and Privacy Controls for Information Systems and Organizations.'' The increase in 10 CFR part 170 estimated billings is offset by a delay in the submission of X-Energy's environmental review for the TRISO–X facility.

The NRC will continue allocating annual fees to individual fuel facility licensees based on the effort/fee determination matrix developed in the FY 1999 final fee rule (64 FR 31448; June 10, 1999). To briefly recap, the matrix groups licensees within this fee class into various fee categories. The matrix lists processes that are conducted at licensed sites and assigns effort factors for the safety and safeguards activities associated with each process (these effort levels are reflected in Table IX). The annual fees are then distributed across the fee class based on the regulatory effort assigned by the matrix. The effort factors in the matrix represent regulatory effort that is not recovered through 10 CFR part 170 fees (*e.g.,* rulemaking, guidance). Regulatory effort for activities that are subject to 10 CFR part 170 fees, such as the number of inspections, is not applicable to the effort factor.

TABLE IX—EFFORT FACTORS FOR FUEL FACILITIES, FY 2023

Facility type (fee category)	Number of facilities	Effort factors	
		Safety	Safeguards
High-Enriched Uranium Fuel (1.A.(1)(a))	2	88	91
Low-Enriched Uranium Fuel (1.A.(1)(b))	3	70	21
Limited Operations (1.A.(2)(a))	1	3	11
Gas Centrifuge Enrichment Demonstration (1.A.(2)(b))	0	0	0
Hot Cell (and others) (1.A.(2)(c))	0	0	0
Uranium Enrichment (1.E.)	1	16	23
UF_6 Conversion and Deconversion (2.A.(1))	1	21	2

In FY 2023, the total remaining amount of the proposed annual fees to be recovered, $19.9 million, is attributable to safety activities, safeguards activities, and the LLW surcharge. For FY 2023, the total budgeted resources proposed to be recovered as annual fees for safety activities are approximately $11.2 million. To calculate the annual fee, the NRC allocates this amount to each fee category based on its percentage of the total regulatory effort for safety activities. Similarly, the NRC allocates the budgeted resources to be recovered as annual fees for safeguards activities, $8.3 million, to each fee category based on its percentage of the total regulatory effort for safeguards activities. Finally, the fuel facilities fee class portion of the LLW surcharge—$0.4 million—is allocated to each fee category based on its percentage of the total regulatory effort for both safety and safeguards activities. The proposed annual fee per licensee is then calculated by dividing the total allocated budgeted resources for the fee category by the number of licensees in that fee category. The proposed annual fee for each facility is summarized in Table X.

TABLE X—ANNUAL FEES FOR FUEL FACILITIES

[Actual dollars]

Facility type (fee category)	FY 2022 final annual fee	FY 2023 proposed annual fee
High-Enriched Uranium Fuel (1.A.(1)(a))	$4,334,000	$5,136,000
Low-Enriched Uranium Fuel (1.A.(1)(b))	1,469,000	1,741,000
Facilities with limited operations (1.A.(2)(a))	968,000	803,000
Gas Centrifuge Enrichment Demonstration (1.A.(2)(b))	N/A	N/A
Hot Cell (and others) (1.A.(2)(c))	N/A	N/A
Uranium Enrichment (1.E.)	1,888,000	2,238,000
UF_6 Conversion and Deconversion (2.A.(1))	436,000	1,320,000

d. Uranium Recovery Facilities

The NRC proposes to collect $0.2 million in annual fees from the uranium recovery facilities fee class in FY 2023, as shown in Table XI. The FY 2022 uranium recovery facilities fees are shown for comparison purposes.

TABLE XI—ANNUAL FEE SUMMARY CALCULATIONS FOR URANIUM RECOVERY FACILITIES

[Dollars in millions]

Summary fee calculations	FY 2022 final rule	FY 2023 proposed rule
Total budgeted resources	$0.9	$0.8
Less estimated 10 CFR part 170 receipts	−0.6	−0.6
Net 10 CFR part 171 resources	0.3	0.2
Allocated generic transportation	N/A	N/A
Billing adjustments	0.0	0.0
Total required annual fee recovery	0.3	0.2

In comparison to FY 2022, the FY 2023 proposed annual fee for the non-DOE licensee in the uranium recovery facilities fee class is increasing as a result of an increase in budgeted resources attributed to licensing reviews associated with ground water restoration activities at one licensed uranium recovery facility and two licensed, but not yet constructed, uranium recovery facilities.

The NRC regulates DOE's Title I and Title II activities under the Uranium Mill Tailings Radiation Control Act (UMTRCA).[2] The proposed annual fee assessed to DOE includes the resources specifically budgeted for the NRC's UMTRCA Title I and Title II activities, as well as 10 percent of the remaining budgeted resources for this fee class. The NRC described the overall methodology for determining fees for UMTRCA in the FY 2002 fee rule (67 FR 42625; June 24, 2002), and the NRC continues to use this methodology. The DOE's UMTRCA proposed annual fee is decreasing compared to FY 2022 primarily due to a decrease in budgeted resources needed to conduct generic work that staff will be performing to resolve issues associated with the transfer of NRC and Agreement State uranium mill tailings sites to DOE for long-term surveillance and maintenance. In addition, 10 CFR part 170 estimated billings are declining due to the anticipated workload decreases at various DOE UMTRCA sites. The NRC assesses the remaining 90 percent of its budgeted resources to the remaining licensee in this fee class, as described in the work papers, which is reflected in Table XII.

TABLE XII—COSTS RECOVERED THROUGH ANNUAL FEES; URANIUM RECOVERY FACILITIES FEE CLASS

[Actual dollars]

Summary of costs	FY 2022 final annual fee	FY 2023 proposed annual fee
DOE Annual Fee Amount (UMTRCA Title I and Title II) General Licenses:		
UMTRCA Title I and Title II budgeted resources less 10 CFR part 170 receipts	$206,441	$113,550
10 percent of generic/other uranium recovery budgeted resources	4,665	5,504
10 percent of uranium recovery fee-relief adjustment	N/A	N/A
Total Annual Fee Amount for DOE (rounded)	211,000	119,000
Annual Fee Amount for Other Uranium Recovery Licenses:		
90 percent of generic/other uranium recovery budgeted resources less the amounts specifically budgeted for UMTRCA Title I and Title II activities	41,986	49,533
90 percent of uranium recovery fee-relief adjustment	N/A	N/A
Total Annual Fee Amount for Other Uranium Recovery Licensees	41,986	49,533

Further, for any non-DOE licensees, the NRC will continue using a matrix to determine the effort levels associated with conducting generic regulatory actions for the different licensees in the uranium recovery facilities fee class; this is similar to the NRC's approach for fuel facilities, described previously. The matrix methodology for uranium recovery licensees first identifies the licensee categories included within this fee class (excluding DOE). These categories are conventional uranium mills and heap leach facilities, uranium *in situ* recovery (ISR) and resin ISR facilities, and mill tailings disposal facilities. The matrix identifies the types of operating activities that support and benefit these licensees, along with each activity's relative weight (see the work papers). Currently, there is only one remaining non-DOE licensee, which is a basic ISR facility. Table XIII displays the benefit factors for the non-DOE licensee in that fee category.

[2] Congress established the two programs, Title I and Title II, under UMTRCA to protect the public and the environment from hazards associated with uranium milling. The UMTRCA Title I program is for remedial action at abandoned mill tailings sites where tailings resulted largely from production of uranium for weapons programs. The NRC also regulates DOE's UMTRCA Title II program, which is directed toward uranium mill sites licensed by the NRC or Agreement States in or after 1978.

TABLE XIII—BENEFIT FACTORS FOR URANIUM RECOVERY LICENSES

Fee category	Number of licensees	Benefit factor per licensee	Total value	Benefit factor percent total
Conventional and Heap Leach mills (2.A.(2)(a))	0			0
Basic *In Situ* Recovery facilities (2.A.(2)(b))	1	190	190	100
Expanded *In Situ* Recovery facilities (2.A.(2)(c))	0			0
Section 11e.(2) disposal incidental to existing tailings sites (2.A.(4))	0			0
Total	1	190	190	100

The FY 2023 proposed annual fee for the remaining non-DOE licensee is calculated by allocating 100 percent of the budgeted resources, as summarized in Table XIV.

TABLE XIV—ANNUAL FEES FOR URANIUM RECOVERY LICENSEES

[Other than DOE]

[Actual dollars]

Facility type (fee category)	FY 2022 final annual fee	FY 2023 proposed annual fee
Conventional and Heap Leach mills (2.A.(2)(a))	N/A	N/A
Basic *In Situ* Recovery facilities (2.A.(2)(b))	$42,000	$49,500
Expanded *In Situ* Recovery facilities (2.A.(2)(c))	N/A	N/A
Section 11e.(2) disposal incidental to existing tailings sites (2.A.(4))	N/A	N/A

e. Non-Power Production or Utilization Facilities

The NRC proposes to collect $0.297 million in annual fees from the non-power production or utilization facilities fee class in FY 2023, as shown in Table XV. The FY 2022 non-power production or utilization facilities fees are shown for comparison purposes.

TABLE XV—ANNUAL FEE SUMMARY CALCULATIONS FOR NON-POWER PRODUCTION OR UTILIZATION FACILITIES

[Dollars in millions]

Summary fee calculations	FY 2022 final rule	FY 2023 proposed rule
Total budgeted resources	$6.072	$5.999
Less estimated 10 CFR part 170 receipts	−5.804	−5.751
Net 10 CFR part 171 resources	0.268	0.248
Allocated generic transportation	0.035	0.040
Billing adjustments	−0.032	0.009
Total required annual fee recovery	0.270	0.297
Total non-power production or utilization facilities licenses	3	3
Total annual fee per license (rounded)	0.0901	0.0989

In comparison to FY 2022, the FY 2023 proposed annual fee for the non-power production or utilization facilities fee class is increasing, as discussed in the following paragraphs.

In FY 2023, the budgeted resources are decreasing primarily due to the expected completion of the staff's review of the SHINE Medical technologies, LLC's (SHINE) operating license application. The decrease in the budgeted resources is offset by an increase in the fully-costed FTE rate compared to FY 2022 due to an increase in salaries and benefits.

The 10 CFR part 170 estimated billings associated with operating non-power production or utilization facilities licensees subject to annual fees are declining slightly due to less hours needed for activities associated with the special team inspection and the staff's review of a complex license amendment associated with the restart of the NIST Neutron Reactor. The 10 CFR part 170 estimated billings with respect to the medical isotope production facilities and advanced research and test reactors are remaining steady when compared with FY 2022 due to the following: (1) the staff's review of the operating license application for SHINE and construction inspection activities; (2) the staff's review of the Kairos Power, LLC's application for a permit to construct a test reactor; and (3) pre-application meetings due to the anticipated submission of several license applications.

Furthermore, the proposed annual fee is increasing as a result of an increase in the 10 CFR part 171 billing adjustment (moving from a credit to a surcharge) due to the timing of invoices issued in FY 2022.

The annual fee-recovery amount is divided equally among the three non-power production or utilization facilities licensees subject to annual fees and results in an FY 2023 proposed annual fee of $98,900 for each licensee.

f. Rare Earth

In FY 2023, the NRC has allocated approximately $0.3 million in budgeted resources to this fee class; however, because all the budgeted resources will be recovered through service fees assessed under 10 CFR part 170, the NRC is not proposing to assess and collect annual fees in FY 2023 for this fee class.

g. Materials Users

The NRC proposes to collect $39.6 million in annual fees from materials users licensed under 10 CFR parts 30, 40, and 70 in FY 2023, as shown in Table XVI. The FY 2022 materials users fees are shown for comparison purposes.

TABLE XVI—ANNUAL FEE SUMMARY CALCULATIONS FOR MATERIALS USERS

[Dollars in millions]

Summary fee calculations	FY 2022 final rule	FY 2023 proposed rule
Total budgeted resources for licensees not regulated by Agreement States	$34.1	$38.7
Less estimated 10 CFR part 170 receipts	−0.9	−1.2
Net 10 CFR part 171 resources	33.2	37.5
Allocated generic transportation	1.7	2.0
LLW surcharge	0.1	0.1
Billing adjustments	−0.2	0.0
Total required annual fee recovery	34.8	39.6

The formula for calculating 10 CFR part 171 annual fees for the various categories of materials users is described in detail in the work papers. Generally, the calculation results in a single annual fee that includes 10 CFR part 170 costs, such as amendments, renewals, inspections, and other licensing actions specific to individual fee categories.

The total annual fee recovery of $39.6 million for FY 2023 shown in Table XVI consists of $30.2 million for general costs, $9.3 million for inspection costs, and $0.1 million for LLW costs. To equitably and fairly allocate the $39.6 million required to be collected among 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 materials license, this approach is the methodology 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.

In comparison to FY 2022, the FY 2023 proposed annual fees are increasing for 47 fee categories within the materials users fee class primarily as a result of an increase in the budgeted resources for: (1) a new decision-making tool to calculate resources for direct inspection work and support activities; (2) associated materials users rulemaking activities; and (3) an increase in the fully-costed FTE rate compared to FY 2022 due to an increase in salaries and benefits. In addition, annual fees are increasing due to the following: (1) the biennial review of licensing and inspection activities; (2) an increase in generic transportation costs for materials users; and (3) a decrease in the number of materials users licensees from FY 2022.

A constant multiplier is established to recover the total general costs (including allocated generic transportation costs) of $30.2 million. To derive the constant multiplier, the general cost amount is divided by the sum of all fee categories (application fee plus the inspection fee divided by inspection priority) then multiplied by the number of licensees. This calculation results in a constant multiplier of 0.92 for FY 2023. The average inspection cost is the average inspection hours for each fee category multiplied by the professional hourly rate of $300. The inspection priority is the interval between routine inspections, expressed in years. The inspection multiplier is established in order to recover the $9.3 million in inspection costs. To derive the inspection multiplier, the inspection costs amount is divided by the sum of all fee categories (inspection fee divided by inspection priority) then multiplied by the number of licensees. This calculation results in an inspection multiplier of 1.74 for FY 2023. The unique category costs are any special costs that the NRC has budgeted for a specific category of licenses. Please see the work papers for more detail about this classification.

The proposed annual fee being assessed to each licensee also takes into account a share of approximately $0.1 million in LLW surcharge costs allocated to the materials users fee class (see Table IV, ''Allocation of LLW Surcharge, FY 2023,'' in Section III, ''Discussion,'' of this document). The proposed annual fee for each fee category is shown in the proposed revision to § 171.16(d).

h. Transportation

The NRC proposes to collect $1.7 million in annual fees to recover generic transportation budgeted resources in FY 2023, as shown in Table XVII. The FY 2022 fees are shown for comparison purposes.

TABLE XVII—ANNUAL FEE SUMMARY CALCULATIONS FOR TRANSPORTATION

[Dollars in millions]

Summary fee calculations	FY 2022 final rule	FY 2023 proposed rule
Total budgeted resources	$10.2	$11.1
Less estimated 10 CFR part 170 receipts	−3.4	−3.5
Net 10 CFR part 171 resources	6.8	7.7
Less generic transportation resources	−5.3	−6.0
Billing adjustments	0.0	0.0
Total required annual fee recovery	1.5	1.7

In comparison to FY 2022, the FY 2023 proposed annual fee for the transportation fee class is increasing primarily due to an increase in the budgeted resources offset by: (1) an increase in the 10 CFR part 170 estimated billings and (2) generic transportation resources allocated to other fee classes as discussed in the following paragraphs.

In FY 2023, the budgeted resources increased primarily due to: (1) an increase in the fully-costed FTE rate compared to FY 2022 due to an increase in salaries and benefits; (2) maintenance for the storage and transportation information management system; and (3) environmental and licensing reviews of transportation packages for ATF, other advanced reactors fuels, and micro-reactors. This increase is offset by a decrease in budgeted resources associated with rulemaking activities.

The increase in the proposed annual fee is offset by an increase in 10 CFR part 170 estimated billings related to the review of new and amended packages and generic transportation resources allocated to respective other fee classes due to a rise in the number of CoCs.

Consistent with the policy established in the NRC's FY 2006 final fee rule (71 FR 30721; May 30, 2006), the NRC recovers generic transportation costs unrelated to DOE by including those costs in the annual fees for licensee fee classes. The NRC continues to assess a separate annual fee under § 171.16, fee category 18.A., for DOE transportation activities. The amount of the allocated generic resources 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.

This resource distribution to the licensee fee classes and DOE is shown in Table XVIII. Note that for the non-power production or utilization facilities fee class, the NRC allocates the distribution to only those licensees that are subject to annual fees. Although five CoCs benefit the entire non-power production or utilization facilities fee class, only three out of 30 operating non-power production or utilization facilities licensees are subject to annual fees. Consequently, the number of CoCs used to determine the proportion of generic transportation resources allocated to annual fees for the non-power production or utilization facilities fee class has been adjusted to 0.5 so these licensees are charged a fair and equitable portion of the total fees (see the work papers).

TABLE XVIII—DISTRIBUTION OF TRANSPORTATION RESOURCES, FY 2023

[Dollars in millions]

Licensee fee class/DOE	Number of CoCs benefiting fee class or DOE	Percentage of total CoCs	Allocated generic transportation resources
Materials Users	24.0	25.7	$2.0
Operating Power Reactors	6.0	6.4	0.5
Spent Fuel Storage/Reactor Decommissioning	19.0	20.3	1.6
Non-Power Production or Utilization Facilities	0.5	0.5	0.0
Fuel Facilities	23.0	24.6	1.9
Sub-Total of Generic Transportation Resources	72.5	77.5	6.0
DOE	21.0	22.5	1.7
Total	93.5	100.0	7.7

The NRC assesses an annual fee to DOE based on the 10 CFR part 71 CoCs it holds. The NRC, therefore, does not allocate these DOE-related resources to other licensees' annual fees because these resources specifically support DOE.

FY 2023—Policy Change

The NRC proposes one policy change for FY 2023.

Expand § 171.15 To Be Technology-Inclusive and Create an Additional Minimum Fee and Variable Rate

The NRC proposes to amend § 171.15, ''Annual fees: Non-power production or utilization licenses, reactor licenses, and independent spent fuel storage licenses,'' to (1) expand the applicability of the small modular reactor (SMR) variable fee structure to include non-light water reactor (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). The NRC proposes these changes to be technology inclusive and establish a fair and equitable approach for assessing annual fees to these SMRs. In addition, there is the potential for a reduced regulatory effort (and cost) for

the smallest proposed SMRs since these types of facilities are considerably smaller in size than the current fleet of operating power reactors, and the level of oversight could be comparable to facilities in the non-power production or utilization facilities fee class. The proposed revision retains the bundled unit concept for SMRs and the approach for calculating fees for reactors with licensed thermal power ratings greater than 250 MWt. For the purpose of calculating NRC fees, an SMR is defined in §§ 170.3 and 171.5, ''Definitions,'' as a power reactor with a licensed thermal power rating of 1,000 megawatts-thermal (MWt) or less. The rating is based on an electrical power generating capacity of 300 megawatts-electric or less per module. This definition currently applies only to light-water reactors (LWRs). The proposed rule provides for a non-LWR SMR's annual fee to be calculated the same as for a LWR SMR, as a function of its licensed thermal power rating. In addition to the proposed amendments to § 171.15, the NRC is also proposing to make conforming changes to the relevant definitions in §§ 170.3 and 171.5.

In 2016, the NRC published the final rule, ''Variable Annual Fee Structure for Small Modular Reactors'' (SMR rule). The current SMR provisions in § 171.15 were the direct result of a multi-year agencywide effort with extensive stakeholder engagement. The goal of the effort was to address NRC staff and industry concerns that there may be inequities if SMR licensees were charged the same annual fee as the current fleet of operating power reactors, which have larger thermal power levels and electrical generating capacity. The SMR rule was limited to LWR SMRs but left open the possibility of future inclusion of non-LWR SMRs. The NRC stated in the final rule that, ''[T]he light-water SMR designs that have been discussed with the NRC in pre-application discussions to date are similar to the current U.S. operating fleet of reactors in terms of physical configuration, operational characteristics, and applicability to the NRC's existing regulatory framework. The NRC may consider the inclusion of non-light water SMRs in a future rulemaking once the agency has increased understanding of these factors with respect to non-light water designs'' (81 FR 32625; May 24, 2016).

After issuing the SMR rule, the NRC continued to engage with industry, other Federal agencies, the international community, and other interested stakeholders to develop a knowledge base and understanding of the characteristics and proposed designs of non-LWR SMRs. The NRC conducted public meetings with stakeholders to share information and discuss topics related to the development and licensing of non-LWRs and participated in preapplication activities with several applicants. During these public meetings, the NRC staff discussed various possible approaches to assessing annual fees for non-LWR SMRs. Stakeholders recommended that the NRC consider lower fees for non-LWR SMRs and requested the NRC proceed with rulemaking expeditiously. In developing a proposed approach to assess annual fees to future non-LWR SMRs, the NRC considered stakeholder input from these public meetings and analyzed a position paper from the Nuclear Energy Institute (NEI), ''NEI Input on NRC Annual Fee Assessment for Non-Light Water Reactors.''

The NRC is in the process of conducting pre-application reviews for several LWR and non-LWR commercial SMR designs, but no applications for SMRs have been submitted for operating licenses under 10 CFR part 50, ''Domestic Licensing of Production and Utilization Facilities,'' or combined licenses under 10 CFR part 52, ''Licenses, Certifications, and Approvals for Nuclear Power Plants.'' Under the current regulatory framework, it will be several years before a new SMR is ready, if approved, to begin commercial operation and be subject to annual fees pursuant to 10 CFR part 171. However, industry representatives and stakeholders have requested prompt NRC action to establish an annual fee policy for non-LWR SMRs, including microreactors, in order to inform business decisions and to provide regulatory predictability.

Commercial power reactors that are less than or equal to 20 MWt are considerably smaller in size than the current fleet of operating power reactors; the NRC anticipates that the level of oversight could be comparable to facilities in the non-power production or utilization facilities fee class. This position aligns with the approach presented in two rulemaking packages before the Commission, including SECY–22–0072, ''Alternative Physical Security Requirements for Advanced Reactors (RIN 3150–AK19),'' dated August 15, 2022, and SECY–22–0001, ''Final Rule: Emergency Preparedness for Small Modular Reactors and Other New Technologies (RIN 3150–AJ68; NRC–2015–0225),'' dated January 18, 2022, which would allow a future non-LWR SMR facility to have comparable security and emergency preparedness to a non-power production or utilization facility. In addition, non-LWR SMRs that are less than 20 MWt may not require resident inspectors, similar to the non-power production or utilization facilities fee class oversight program.

As a result of this multi-year effort, the NRC is proposing to amend § 171.15 to be technology inclusive by expanding applicability to non-LWR SMRs. Additionally, the NRC is proposing changes to the minimum fees and the variable annual fee scale for SMRs that have a licensed thermal power rating of less than or equal to 250 MWt in order to fairly and equitably assess annual fees for those SMRs. The new minimum fee would be equal to the lowest annual fee that is assessed to the non-power production or utilization facility fee class and would be the only annual fee assessed for an SMR or for bundled units with a combined licensed thermal power rating per site that is less than or equal to 20 MWt. This proposed change also would create a new variable annual fee for an SMR or for bundled units with a combined licensed thermal power rating per site greater than 20 MWt but less than or equal to 250 MWt that would be added to the minimum fee (the non-power production or utilization facilities fee class annual fee). This approach would provide for a gradual increase in the annual fee as the licensed thermal power rating increases. The minimum fee currently included in § 171.15, which is equal to the average of the spent fuel storage/reactor decommissioning and non-power production or utilization facilities fee classes annual fees, would be retained as a component of the annual fee with an added variable fee assessed for an SMR or for bundled units with a combined licensed thermal power rating per site greater than 250 MWt but less than or equal to 2,000 MWt. Three different variable fees would be assessed: (1) a new variable fee assessed for power reactors with a licensed thermal power rating greater than 20 MWt but less than or equal to 250 MWt; (2) the existing variable fee assessed for power reactors with a licensed thermal power rating greater than 250 MWt but less than or equal to 2,000 MWt; and (3) for bundled units added above 4,500 MWt, the maximum fee (equal to the annual fee for the operating power reactor fee class) plus a variable fee would be assessed for the incremental licensed thermal power rating greater than 4,500 MWt up to 6,500 MWt (another 2,000 MWt range) which constitutes an additional bundled unit. This pattern for assessed fees would continue as licensed thermal power rating capacity is added. The new

variable fee provides for a gradual increase in fees for power reactors above 20 MWt but less than equal to 250 MWt rather than an abrupt increase to the higher minimum fee once an increment above 20 MWt is reached.

Without the proposed changes to § 171.15, a non-LWR SMR, regardless of size, would be required to pay the same annual fee as the operating power reactor fee class under the NRC's current annual fee structure. NEIMA requires that 10 CFR part 171 annual fees be assessed in a fair and equitable manner and, to the maximum extent practicable, be reasonably related to the cost of providing regulatory services. NEIMA provides that annual fees may be based on the allocation of resources of the Commission among licensees or certificate holders or classes of licensees or certificate holders. The differences between SMRs and the existing operating power reactor fleet will result in significant differences in the anticipated regulatory cost, thus applying the current fee structure to non-LWR SMRs could be inconsistent with NEIMA requirements that the NRC's fees be fairly and equitably allocated among its licensees.

The NRC finds the proposed policy change to be reasonable, fair, and equitable. Pursuant to § 171.15, annual fees for power reactors licensed under 10 CFR part 50 or a combined license under 10 CFR part 52, including an SMR licensee, will not commence until the licensee has notified the NRC in writing of the successful completion of power ascension testing. The NRC does not expect to license a non-LWR SMR facility for operation that would be assessed annual fees under 10 CFR part 171 for several years. However, the NRC is proposing this policy change, well before operation, to promote regulatory consistency and transparency, as well as to provide potential non-LWR SMR applicants, the industry, and the public with notice and opportunity to comment on the methodology that will be used to calculate 10 CFR part 171 annual fees for future licensed facilities. Furthermore, the NRC's view is that this policy change addresses potential inconsistencies in the current 10 CFR part 171 annual fee structure for future non-LWR SMRs. This proposed policy change will assist industry in planning and budgeting for future annual fees and will continue to provide a clear method for allocating NRC generic expenses to its operating power reactor licensees. Because the annual regulatory cost associated with LWR and non-LWR SMRs is inherently uncertain before such a licensed facility is operational, the NRC intends to re-evaluate the variable annual fee structure at the appropriate time to ensure consistency with NEIMA. This re-evaluation will occur once SMR facilities become operational and sufficient regulatory cost data becomes available. Operational experience data should provide insights that will identify the correlation between design features and the level of NRC oversight typically needed for these new types of power plants; and provide data on whether further annual fee adjustments for SMRs may be needed. As cost data and operating experience for LWR and non-LWR SMRs are accumulated, the NRC will propose adjustments to fees as needed to make sure that the fees assessed to LWR and non-LWR SMRs (and to all operating power reactors) are commensurate with the regulatory support services provided by the NRC to meet the requirements of NEIMA.

FY 2023—Administrative Changes

The NRC is proposing three administrative changes in FY 2023:

1. *Amend Table 1 in § 170.31 and Table 2 in § 171.16 to add Program Code 21131 to fee category 1(A)(2)(c).*

On February 1, 2022, staff in the Office of Nuclear Material Safety and Safeguards added Program Code 21131, ''Medical Isotopes Production Facility Licensed Under 10 part 70,'' to fee category 1(A)(2)(c). This program code was created in preparation for future license applications that the NRC anticipates will be submitted for medical isotopes production facilities under 10 CFR part 70, ''Domestic Licensing of Special Nuclear Material.'' The NRC is proposing to amend Table 1 in § 170.31, ''Schedule of fees for materials licenses and other regulatory services, including inspections, and import and export licenses,'' and Table 2 in § 171.16, ''Annual fees: Materials licensees, holders of certificates of compliance, holders of sealed source and device registrations, holders of quality assurance program approvals, and government agencies licensed by the NRC,'' to add Program Code 21131 to fee category 1(A)(2)(c), as the program code is used as the basis for assessing 10 CFR part 170 service fees at full cost and a future annual fee under 10 CFR part 171.

2. *Amend § 170.12(f), ''Method of payment,'' by clarifying the types of payments and payment method.*

The NRC proposes to amend § 170.12(f), ''Method of payment,'' to add new payment method options (Amazon Pay and PayPal) now available via *www.Pay.gov.* The NRC is also proposing to remove the requirement for payment of invoices of $5,000 or more be made via the Automated Clearing House (ACH) through the NRC's Lockbox Bank. The NRC encourages applicants and licensees to use the electronic payment options for fee submittal.

3. Change Small Entity Fees.

In developing this proposed rule, the NRC has conducted a biennial review of small entity fees to determine whether the NRC should change those fees. The NRC used the fee methodology developed in FY 2009 to perform this biennial review (74 FR 27641; June 10, 2009). Based on this methodology and as a result of the biennial review, the NRC is increasing the upper tier small entity fee from $4,900 to $5,200, which constitutes an increase of approximately 6 percent. The lower tier small entity fee is not increasing and will remain at $1,000. The NRC believes these fees are reasonable and provide relief to small entities, while at the same time recovering from those licensees some of the NRC's costs for activities that benefit them.

IV. Regulatory Flexibility Certification

As required by the Regulatory Flexibility Act of 1980, as amended (RFA),[3] the NRC has prepared a regulatory flexibility analysis related to this proposed rule. The regulatory flexibility analysis is available as indicated in the ''Availability of Documents'' section of this document.

V. Regulatory Analysis

Under NEIMA, the NRC is required to recover, to the maximum extent practicable, approximately 100 percent of its annual budget for FY 2023 less the budget authority for excluded activities. The NRC established fee methodology guidelines for 10 CFR part 170 in 1978 and established additional fee methodology guidelines for 10 CFR part 171 in 1986. In subsequent rulemakings, the NRC has adjusted its fees without changing the underlying principles of its fee policy to ensure that the NRC continues to comply with the statutory requirements for cost recovery.

In this proposed rule, the NRC continues this longstanding approach. Therefore, the NRC did not identify any alternatives to the current fee structure guidelines and did not prepare a regulatory analysis for this proposed rule.

[3] 5 U.S.C. 603. The RFA, 5 U.S.C. 601–612, has been amended by the Small Business Regulatory Enforcement Fairness Act of 1996, Public Law 104–121, Title II, 110 Stat. 847 (1996).

VI. Backfitting and Issue Finality

The NRC has determined that the backfit and issue finality provisions,, §§ 50.109, ''Backfitting''; 52.39, ''Finality of early site permit determinations''; 52.63, ''Finality of standard design certifications''; 52.83, ''Finality of referenced NRC approvals; partial initial decision on site suitability''; 52.98, ''Finality of combined licenses; information requests''; 52.145, ''Finality of standard design approvals; information requests''; 52.171, ''Finality of manufacturing licenses; information requests''; and 70.76, ''Backfitting,'' do not apply to this proposed rule and that a backfit analysis is not required because these amendments do not require the modification of, or addition to, (1) systems, structures, components, or the design of a facility; (2) the design approval or manufacturing license for a facility; or (3) the procedures or organization required to design, construct, or operate a facility.

VII. Plain Writing

The Plain Writing Act of 2010 (Pub. L. 111–274) requires Federal agencies to write documents in a clear, concise, and well-organized manner. The NRC wrote this document to be consistent with the Plain Writing Act, as well as the Presidential Memorandum, ''Plain Language in Government Writing,'' published June 10, 1998 (63 FR 31885). The NRC requests comment on this document with respect to the clarity and effectiveness of the language used.

VIII. National Environmental Policy Act

The NRC has determined that this proposed rule is the type of action described in § 51.22(c)(1). Therefore, neither an environmental impact statement nor environmental assessment has been prepared for this proposed rule.

IX. Paperwork Reduction Act

This proposed rule does not contain any new or amended collections of information subject to the Paperwork Reduction Act of 1995 (44 U.S.C. 3501, *et seq.*). Existing collections of information were approved by the Office of Management and Budget, approval number 3150–0190.

Public Protection Notification

The NRC may not conduct or sponsor, and a person is not required to respond to, a collection of information unless the document requesting or requiring the collection displays a currently valid OMB control number.

X. Voluntary Consensus Standards

The National Technology Transfer and Advancement Act of 1995, Public Law 104–113, requires that Federal agencies use technical standards that are developed or adopted by voluntary consensus standards bodies unless the use of such a standard is inconsistent with applicable law or otherwise impractical. In this proposed rule, the NRC proposes to amend the licensing, inspection, and annual fees charged to its licensees and applicants, as necessary, to recover, to the maximum extent practicable, approximately 100 percent of its annual budget for FY 2023 less the budget authority for excluded activities, as required by NEIMA. This action does not constitute the establishment of a standard that contains generally applicable requirements.

XI. Availability of Guidance

The Small Business Regulatory Enforcement Fairness Act requires all Federal agencies to prepare a written compliance guide for each rule for which the agency is required by 5 U.S.C. 604 to prepare a regulatory flexibility analysis. The NRC, in compliance with the law, prepared the ''Small Entity Compliance Guide'' for the FY 2023 fee rule. The compliance guide was developed when the NRC completed the small entity biennial review. This compliance guide is available as indicated in the ''Availability of Documents'' section of this document.

XII. Public Meeting

The NRC will conduct a public meeting to describe the FY 2023 proposed rule and answer questions from the public on the proposed rule. The NRC will publish a notice of the location, time, and agenda of the meeting on the NRC's public meeting website within 10 calendar days of the meeting. Stakeholders should monitor the NRC's public meeting website for information about the public meeting at: *http://www.nrc.gov/public-involve/public-meetings/index.cfm.*

XIII. Availability of Documents

The documents identified in the following table are available to interested persons through one or more of the following methods, as indicated.

Documents	ADAMS Accession No./FR citation/web link
FY 2023 Proposed Rule Work Papers	ML23040A277.
OMB Circular A–25, ''User Charges''	*https://www.whitehouse.gov/wp-content/uploads/2017/11/Circular-025.pdf.*
SECY–05–0164, ''Annual Fee Calculation Method,'' dated September 15, 2005	ML052580332.
''Revision of Fee Schedules; Fee Recovery for Fiscal Year 2015,'' dated June 30, 2015	80 FR 37432.
NUREG–1100, Volume 38, ''Congressional Budget Justification: Fiscal Year 2023'' (April 2022)	ML22089A188.
''Variable Annual Fee Structure for Small Modular Reactors,'' dated May 24, 2016	81 FR 32617.
Revision of Fee Schedules; Fee Recovery for FY 2002,'' dated June 24, 2002	67 FR 42611.
''Revision of Fee Schedules; Fee Recovery for FY 2006,'' dated May 30, 2006	71 FR 30721.
''Revision of Fee Schedules; Fee Recovery for FY 2009,'' dated June 10, 2009	74 FR 27641.
SECY–22–0072, ''Proposed Rule: Alternative Physical Security Requirements for Advanced Reactors (RIN 3150–AK19),'' dated August 2, 2022.	ML21334A004.
SECY–22–0001, ''Final Rule: Emergency Preparedness for Small Modular Reactors and Other New Technologies (RIN 3150–AJ68; NRC–2015–0225),'' dated January 3, 2022.	ML21200A059.
''NEI Input on NRC Annual Fee Assessment for Non-Light Water Reactors,'' dated November 23, 2020.	ML20328A173.
FY 2023 Regulatory Flexibility Analysis	ML22347A251.
FY 2023 U.S. Nuclear Regulatory Commission Small Entity Compliance Guide	ML22347A247.

List of Subjects

10 CFR Part 170

Byproduct material, Import and export licenses, Intergovernmental relations, Non-payment penalties, Nuclear energy, Nuclear materials, Nuclear power plants and reactors, Source material, Special nuclear material.

10 CFR Part 171

Annual charges, Approvals, Byproduct material, Holders of certificates, Intergovernmental relations, Nonpayment penalties, Nuclear materials, Nuclear power plants and reactors, Registrations, Source material, Special nuclear material.

For the reasons set out in the preamble and under the authority of the Atomic Energy Act of 1954, as amended; the Energy Reorganization Act of 1974, as amended; and 5 U.S.C. 552 and 553, the NRC is proposing to amend 10 CFR parts 170 and 171 as follows:

PART 170—FEES FOR FACILITIES, MATERIALS, IMPORT AND EXPORT LICENSES, AND OTHER REGULATORY SERVICES UNDER THE ATOMIC ENERGY ACT OF 1954, AS AMENDED

■ 1. The authority citation for part 170 continues to read as follows:

Authority: Atomic Energy Act of 1954, secs. 11, 161(w) (42 U.S.C. 2014, 2201(w)); Energy Reorganization Act of 1974, sec. 201 (42 U.S.C. 5841); 42 U.S.C. 2215; 31 U.S.C. 901, 902, 9701; 44 U.S.C. 3504 note.

■ 2. In § 170.3, revise the definition for ''Small modular reactor (SMR)'' to read as follows.

§ 170.3 Definitions.

* * * * *

Small modular reactor (SMR) for the purposes of calculating fees, means the class of power reactors having a licensed thermal power rating less than or equal to 1,000 MWt per module. This rating is based on the thermal power equivalent of an SMR with an electrical power generating capacity of 300 MWe or less per module.

* * * * *

■ 3. In § 170.12, revise paragraph (f) to read as follows.

§ 170.12 Payment of fees.

* * * * *

(f) *Method of payment.* All fee payments under 10 CFR part 170 are to be made payable to the U.S. Nuclear Regulatory Commission. The payments are to be made in U.S. funds by electronic funds transfer, such as ACH (Automated Clearing House) using Electronic Data Interchange (E.D.I.), check, draft, money order, credit card, Amazon Pay, or PayPal (submit electronic payment at *www.Pay.gov* or manual payment using the NRC Form 629, ''Authorization for Payment by Credit Card''). Specific written instructions for making electronic payments and credit card payments may be obtained by contacting the Office of the Chief Financial Officer at 301–415–7554. In accordance with Department of the Treasury requirements, refunds will only be made upon receipt of information on the payee's financial institution and bank accounts.

* * * * *

§ 170.20 [Amended]

■ 4. In § 170.20, remove the dollar amount ''$290'' and add in its place the dollar amount ''$300''.

■ 5. In § 170.31, revise table 1 to read as follows:

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

* * * * *

TABLE 1 TO § 170.31—SCHEDULE OF MATERIALS FEES

[See footnotes at end of table]

Category of materials licenses and type of fees [1]	Fees [2] [3]
1. Special nuclear material: [11]	
A.(1) Licenses for possession and use of U–235 or plutonium for fuel fabrication activities.	
(a) Strategic Special Nuclear Material (High Enriched Uranium) [6] [Program Code(s): 21213]	Full Cost.
(b) Low Enriched Uranium in Dispersible Form Used for Fabrication of Power Reactor Fuel [6] [Program Code(s): 21210].	Full Cost.
(2) All other special nuclear materials licenses not included in Category 1.A.(1) which are licensed for fuel cycle activities.[6]	
(a) Facilities with limited operations [6] [Program Code(s): 21240, 21310, 21320]	Full Cost.
(b) Gas centrifuge enrichment demonstration facilities.[6] [Program Code(s): 21205]	Full Cost.
(c) Others, including hot cell facilities.[6] [Program Code(s): 21130, 21131, 21133]	Full Cost.
B. Licenses for receipt and storage of spent fuel and reactor-related Greater than Class C (GTCC) waste at an independent spent fuel storage installation (ISFS)I [6] [Program Code(s): 23200].	Full Cost.
C. Licenses for possession and use of special nuclear material of less than a critical mass as defined in § 70.4 of this chapter in sealed sources contained in devices used in industrial measuring systems, including x-ray fluorescence analyzers.[4]	
Application [Program Code(s): 22140]	$1,400.
D. All other special nuclear material licenses, except licenses authorizing special nuclear material in sealed or unsealed form in combination that would constitute a critical mass, as defined in § 70.4 of this chapter, for which the licensee shall pay the same fees as those under Category 1.A.[4]	
Application [Program Code(s): 22110, 22111, 22120, 22131, 22136, 22150, 22151, 22161, 22170, 23100, 23300, 23310].	$2,800.
E. Licenses or certificates for construction and operation of a uranium enrichment facility [6] [Program Code(s): 21200]	Full Cost.
F. Licenses for possession and use of special nuclear material greater than critical mass as defined in § 70.4 of this chapter, for development and testing of commercial products, and other non-fuel-cycle activities.[4] [6] [Program Code(s): 22155].	Full Cost.
2. Source material: [11]	
A. (1) Licenses for possession and use of source material for refining uranium mill concentrates to uranium hexafluoride or for deconverting uranium hexafluoride in the production of uranium oxides for disposal.[6] [Program Code(s): 11400].	Full Cost.

TABLE 1 TO § 170.31—SCHEDULE OF MATERIALS FEES—Continued

[See footnotes at end of table]

Category of materials licenses and type of fees [1]	Fees [2] [3]
(2) Licenses for possession and use of source material in recovery operations such as milling, *in-situ* recovery, heap-leaching, ore buying stations, ion-exchange facilities, and in processing of ores containing source material for extraction of metals other than uranium or thorium, including licenses authorizing the possession of byproduct waste material (tailings) from source material recovery operations, as well as licenses authorizing the possession and maintenance of a facility in a standby mode.[6]	
(a) Conventional and Heap Leach facilities [6] [Program Code(s): 11100]	Full Cost.
(b) Basic *In Situ* Recovery facilities [6] [Program Code(s): 11500]	Full Cost.
(c) Expanded *In Situ* Recovery facilities [6] [Program Code(s): 11510]	Full Cost.
(d) *In Situ* Recovery Resin facilities [6] [Program Code(s): 11550]	Full Cost.
(e) Resin Toll Milling facilities [6] [Program Code(s): 11555]	Full Cost.
(f) Other facilities [6] [Program Code(s): 11700]	Full Cost.
(3) Licenses that authorize the receipt of byproduct material, as defined in section 11e.(2) of the Atomic Energy Act, from other persons for possession and disposal, except those licenses subject to the fees in Category 2.A.(2) or Category 2.A.(4) [6] [Program Code(s): 11600, 12000].	Full Cost.
(4) Licenses that authorize the receipt of byproduct material, as defined in section 11e.(2) of the Atomic Energy Act, from other persons for possession and disposal incidental to the disposal of the uranium waste tailings generated by the licensee's milling operations, except those licenses subject to the fees in Category 2.A.(2) [6] [Program Code(s): 12010]	Full Cost.
B. Licenses which authorize the possession, use, and/or installation of source material for shielding.[7] [8]	
Application [Program Code(s): 11210]	$1,300.
C. Licenses to distribute items containing source material to persons exempt from the licensing requirements of part 40 of this chapter.	
Application [Program Code(s): 11240]	$6,400.
D. Licenses to distribute source material to persons generally licensed under part 40 of this chapter.	
Application [Program Code(s): 11230, 11231]	$3,000.
E. Licenses for possession and use of source material for processing or manufacturing of products or materials containing source material for commercial distribution.	
Application [Program Code(s): 11710]	$2,800.
F. All other source material licenses.	
Application [Program Code(s): 11200, 11220, 11221, 11300, 11800, 11810, 11820]	$2,800.
3. Byproduct material: [11]	
A. Licenses of broad scope for the possession and use of byproduct material issued under parts 30 and 33 of this chapter for processing or manufacturing of items containing byproduct material for commercial distribution. Number of locations of use: 1–5.	
Application [Program Code(s): 03211, 03212, 03213]	$14,000.
(1). Licenses of broad scope for the possession and use of byproduct material issued under parts 30 and 33 of this chapter for processing or manufacturing of items containing byproduct material for commercial distribution. Number of locations of use: 6–20.	
Application [Program Code(s): 04010, 04012, 04014]	$18,600.
(2). Licenses of broad scope for the possession and use of byproduct material issued under parts 30 and 33 of this chapter for processing or manufacturing of items containing byproduct material for commercial distribution. Number of locations of use: more than 20.	
Application [Program Code(s): 04011, 04013, 04015]	$23,300.
B. Other licenses for possession and use of byproduct material issued under part 30 of this chapter for processing or manufacturing of items containing byproduct material for commercial distribution. Number of locations of use: 1–5.	
Application [Program Code(s): 03214, 03215, 22135, 22162]	$3,900.
(1). Other licenses for possession and use of byproduct material issued under part 30 of this chapter for processing or manufacturing of items containing byproduct material for commercial distribution. Number of locations of use: 6–20.	
Application [Program Code(s): 04110, 04112, 04114, 04116]	$5,200.
(2). Other licenses for possession and use of byproduct material issued under part 30 of this chapter for processing or manufacturing of items containing byproduct material for commercial distribution. Number of locations of use: more than 20.	
Application [Program Code(s): 04111, 04113, 04115, 04117]	$6,400.
C. Licenses issued under §§ 32.72 and/or 32.74 of this chapter that authorize the processing or manufacturing and distribution or redistribution of radiopharmaceuticals, generators, reagent kits, and/or sources and devices containing byproduct material. This category does not apply to licenses issued to nonprofit educational institutions whose processing or manufacturing is exempt under § 170.11(a)(4). Number of locations of use: 1–5.	
Application [Program Code(s): 02500, 02511, 02513]	$5,600.
(1). Licenses issued under §§ 32.72 and/or 32.74 of this chapter that authorize the processing or manufacturing and distribution or redistribution of radiopharmaceuticals, generators, reagent kits, and/or sources and devices containing byproduct material. This category does not apply to licenses issued to nonprofit educational institutions whose processing or manufacturing is exempt under § 170.11(a)(4). Number of locations of use: 6–20.	
Application [Program Code(s): 04210, 04212, 04214]	$7,500.
(2). Licenses issued under §§ 32.72 and/or 32.74 of this chapter that authorize the processing or manufacturing and distribution or redistribution of radiopharmaceuticals, generators, reagent kits, and/or sources and devices containing byproduct material. This category does not apply to licenses issued to nonprofit educational institutions whose processing or manufacturing is exempt under § 170.11(a)(4). Number of locations of use: more than 20.	
Application [Program Code(s): 04211, 04213, 04215]	$9,300.
D. [Reserved]	N/A.
E. Licenses for possession and use of byproduct material in sealed sources for irradiation of materials in which the source is not removed from its shield (self-shielded units).	

TABLE 1 TO § 170.31—SCHEDULE OF MATERIALS FEES—Continued

[See footnotes at end of table]

Category of materials licenses and type of fees [1]	Fees [2] [3]
Application [Program Code(s): 03510, 03520]	$3,400.
F. Licenses for possession and use of less than or equal to 10,000 curies of byproduct material in sealed sources for irradiation of materials in which the source is exposed for irradiation purposes. This category also includes underwater irradiators for irradiation of materials where the source is not exposed for irradiation purposes.	
Application [Program Code(s): 03511]	$7,000.
G. Licenses for possession and use of greater than 10,000 curies of byproduct material in sealed sources for irradiation of materials in which the source is exposed for irradiation purposes. This category also includes underwater irradiators for irradiation of materials where the source is not exposed for irradiation purposes.	
Application [Program Code(s): 03521]	$66,900.
H. Licenses issued under subpart A of part 32 of this chapter to distribute items containing byproduct material that require device review to persons exempt from the licensing requirements of part 30 of this chapter. The category does not include specific licenses authorizing redistribution of items that have been authorized for distribution to persons exempt from the licensing requirements of part 30 of this chapter.	
Application [Program Code(s): 03254, 03255, 03257]	$7,200.
I. Licenses issued under subpart A of part 32 of this chapter to distribute items containing byproduct material or quantities of byproduct material that do not require device evaluation to persons exempt from the licensing requirements of part 30 of this chapter. This category does not include specific licenses authorizing redistribution of items that have been authorized for distribution to persons exempt from the licensing requirements of part 30 of this chapter.	
Application [Program Code(s): 03250, 03251, 03253, 03256]	$17,200.
J. Licenses issued under subpart B of part 32 of this chapter to distribute items containing byproduct material that require sealed source and/or device review to persons generally licensed under part 31 of this chapter. This category does not include specific licenses authorizing redistribution of items that have been authorized for distribution to persons generally licensed under part 31 of this chapter.	
Application [Program Code(s): 03240, 03241, 03243]	$2,200.
K. Licenses issued under subpart B of part 32 of this chapter to distribute items containing byproduct material or quantities of byproduct material that do not require sealed source and/or device review to persons generally licensed under part 31 of this chapter. This category does not include specific licenses authorizing redistribution of items that have been authorized for distribution to persons generally licensed under part 31 of this chapter.	
Application [Program Code(s): 03242, 03244]	$1,200.
L. Licenses of broad scope for possession and use of byproduct material issued under parts 30 and 33 of this chapter for research and development that do not authorize commercial distribution. Number of locations of use: 1–5.	
Application [Program Code(s): 01100, 01110, 01120, 03610, 03611, 03612, 03613]	$5,900.
(1) Licenses of broad scope for possession and use of byproduct material issued under parts 30 and 33 of this chapter for research and development that do not authorize commercial distribution. Number of locations of use: 6–20.	
Application [Program Code(s): 04610, 04612, 04614, 04616, 04618, 04620, 04622]	$7,900.
(2) Licenses of broad scope for possession and use of byproduct material issued under parts 30 and 33 of this chapter for research and development that do not authorize commercial distribution. Number of locations of use: more than 20.	
Application [Program Code(s): 04611, 04613, 04615, 04617, 04619, 04621, 04623]	$9,800.
M. Other licenses for possession and use of byproduct material issued under part 30 of this chapter for research and development that do not authorize commercial distribution.	
Application [Program Code(s): 03620]	$21,600.
N. Licenses that authorize services for other licensees, except:.	
(1) Licenses that authorize only calibration and/or leak testing services are subject to the fees specified in fee Category 3.P.; and	
(2) Licenses that authorize waste disposal services are subject to the fees specified in fee Categories 4.A., 4.B., and 4.C.[13]	
Application [Program Code(s): 03219, 03225, 03226]	$9,600.
O. Licenses for possession and use of byproduct material issued under part 34 of this chapter for industrial radiography operations. Number of locations of use: 1–5.	
Application [Program Code(s): 03310, 03320]	$21,100.
(1). Licenses for possession and use of byproduct material issued under part 34 of this chapter for industrial radiography operations. Number of locations of use: 6–20.	
Application [Program Code(s): 04310, 04312]	$28,100.
(2). Licenses for possession and use of byproduct material issued under part 34 of this chapter for industrial radiography operations. Number of locations of use: more than 20.	
Application [Program Code(s): 04311, 04313]	$35,100.
P. All other specific byproduct material licenses, except those in Categories 4.A. through 9.D.[9] Number of locations of use: 1–5.	
Application [Program Code(s): 02400, 02410, 03120, 03121, 03122, 03123, 03124, 03130, 03140, 03220, 03221, 03222, 03800, 03810, 22130].	$9,400.
(1). All other specific byproduct material licenses, except those in Categories 4.A. through 9.D.[9] Number of locations of use: 6–20.	
Application [Program Code(s): 04410, 04412, 04414, 04416, 04418, 04420, 04422, 04424, 04426, 04428, 04430, 04432, 04434, 04436, 04438].	$12,500.
(2). All other specific byproduct material licenses, except those in Categories 4.A. through 9.D.[9] Number of locations of use: more than 20.	
Application [Program Code(s): 04411, 04413, 04415, 04417, 04419, 04421, 04423, 04425, 04427, 04429, 04431, 04433, 04435, 04437, 04439].	$15,600.
Q. Registration of a device(s) generally licensed under part 31 of this chapter.	
Registration	$500.

TABLE 1 TO § 170.31—SCHEDULE OF MATERIALS FEES—Continued

[See footnotes at end of table]

Category of materials licenses and type of fees [1]	Fees [2 3]
R. Possession of items or products containing radium-226 identified in § 31.12 of this chapter which exceed the number of items or limits specified in that section.[5]	
1. Possession of quantities exceeding the number of items or limits in § 31.12(a)(4) or (5) of this chapter but less than or equal to 10 times the number of items or limits specified.	
Application [Program Code(s): 02700]	$2,800.
2. Possession of quantities exceeding 10 times the number of items or limits specified in § 31.12(a)(4) or (5) of this chapter.	
Application [Program Code(s): 02710]	$2,700.
S. Licenses for production of accelerator-produced radionuclides.	
Application [Program Code(s): 03210]	$15,300.
4. Waste disposal and processing: [11]	
A. Licenses specifically authorizing the receipt of waste byproduct material, source material, or special nuclear material from other persons for the purpose of contingency storage or commercial land disposal by the licensee; or licenses authorizing contingency storage of low-level radioactive waste at the site of nuclear power reactors; or licenses for receipt of waste from other persons for incineration or other treatment, packaging of resulting waste and residues, and transfer of packages to another person authorized to receive or dispose of waste material.	
Application [Program Code(s): 03231, 03233, 03236, 06100, 06101]	Full Cost.
B. Licenses specifically authorizing the receipt of waste byproduct material, source material, or special nuclear material from other persons for the purpose of packaging or repackaging the material. The licensee will dispose of the material by transfer to another person authorized to receive or dispose of the material.	
Application [Program Code(s): 03234]	$7,500.
C. Licenses specifically authorizing the receipt of prepackaged waste byproduct material, source material, or special nuclear material from other persons. The licensee will dispose of the material by transfer to another person authorized to receive or dispose of the material.	
Application [Program Code(s): 03232]	$5,400.
5. Well logging: [11]	
A. Licenses for possession and use of byproduct material, source material, and/or special nuclear material for well logging, well surveys, and tracer studies other than field flooding tracer studies.	
Application [Program Code(s): 03110, 03111, 03112]	$4,900.
B. Licenses for possession and use of byproduct material for field flooding tracer studies.	
Licensing [Program Code(s): 03113]	Full Cost.
6. Nuclear laundries: [11]	
A. Licenses for commercial collection and laundry of items contaminated with byproduct material, source material, or special nuclear material.	
Application [Program Code(s): 03218]	$28,000.
7. Medical licenses: [11]	
A. Licenses issued under parts 30, 35, 40, and 70 of this chapter for human use of byproduct material, source material, or special nuclear material in sealed sources contained in gamma stereotactic radiosurgery units, teletherapy devices, or similar beam therapy devices. Number of locations of use: 1–5..	
Application [Program Code(s): 02300, 02310]	$12,000.
(1). Licenses issued under parts 30, 35, 40, and 70 of this chapter for human use of byproduct material, source material, or special nuclear material in sealed sources contained in gamma stereotactic radiosurgery units, teletherapy devices, or similar beam therapy devices. Number of locations of use: 6–20.	
Application [Program Code(s): 04510, 04512]	$15,900.
(2). Licenses issued under parts 30, 35, 40, and 70 of this chapter for human use of byproduct material, source material, or special nuclear material in sealed sources contained in gamma stereotactic radiosurgery units, teletherapy devices, or similar beam therapy devices. Number of locations of use: more than 20.	
Application [Program Code(s): 04511, 04513]	$19,900.
B. Licenses of broad scope issued to medical institutions or two or more physicians under parts 30, 33, 35, 40, and 70 of this chapter authorizing research and development, including human use of byproduct material, except licenses for byproduct material, source material, or special nuclear material in sealed sources contained in teletherapy devices. This category also includes the possession and use of source material for shielding when authorized on the same license. Number of locations of use: 1–5.	
Application [Program Code(s): 02110]	$9,400.
(1). Licenses of broad scope issued to medical institutions or two or more physicians under parts 30, 33, 35, 40, and 70 of this chapter authorizing research and development, including human use of byproduct material, except licenses for byproduct material, source material, or special nuclear material in sealed sources contained in teletherapy devices. This category also includes the possession and use of source material for shielding when authorized on the same license. Number of locations of use: 6–20.	
Application [Program Code(s): 04710]	$12,400.
(2). Licenses of broad scope issued to medical institutions or two or more physicians under parts 30, 33, 35, 40, and 70 of this chapter authorizing research and development, including human use of byproduct material, except licenses for byproduct material, source material, or special nuclear material in sealed sources contained in teletherapy devices. This category also includes the possession and use of source material for shielding when authorized on the same license. Number of locations of use: more than 20.	
Application [Program Code(s): 04711]	$15,500.
C. Other licenses issued under parts 30, 35, 40, and 70 of this chapter for human use of byproduct material, source material, and/or special nuclear material, except licenses for byproduct material, source material, or special nuclear material in sealed sources contained in teletherapy devices.[10] Number of locations of use: 1–5.	
Application [Program Code(s): 02120, 02121, 02200, 02201, 02210, 02220, 02230, 02231, 02240, 22160]	$12,800.

TABLE 1 TO § 170.31—SCHEDULE OF MATERIALS FEES—Continued

[See footnotes at end of table]

Category of materials licenses and type of fees [1]	Fees [2] [3]
(1). Other licenses issued under parts 30, 35, 40, and 70 of this chapter for human use of byproduct material, source material, and/or special nuclear material, except licenses for byproduct material, source material, or special nuclear material in sealed sources contained in teletherapy devices.[10] Number of locations of use: 6–20.	
Application [Program Code(s): 04810, 04812, 04814, 04816, 04818, 04820, 04822, 04824, 04826, 04828]	$17,100.
(2). Other licenses issued under parts 30, 35, 40, and 70 of this chapter for human use of byproduct material, source material, and/or special nuclear material, except licenses for byproduct material, source material, or special nuclear material in sealed sources contained in teletherapy devices.[10] Number of locations of use: more than 20.	
Application [Program Code(s): 04811, 04813, 04815, 04817, 04819, 04821, 04823, 04825, 04827, 04829]	$11,800.
8. Civil defense: [11]	
A. Licenses for possession and use of byproduct material, source material, or special nuclear material for civil defense activities.	
Application [Program Code(s): 03710]	$2,800.
9. Device, product, or sealed source safety evaluation:	
A. Safety evaluation of devices or products containing byproduct material, source material, or special nuclear material, except reactor fuel devices, for commercial distribution.	
Application—each device	$19,100.
B. Safety evaluation of devices or products containing byproduct material, source material, or special nuclear material manufactured in accordance with the unique specifications of, and for use by, a single applicant, except reactor fuel devices.	
Application—each device	$9,700.
C. Safety evaluation of sealed sources containing byproduct material, source material, or special nuclear material, except reactor fuel, for commercial distribution.	
Application—each source	$5,700.
D. Safety evaluation of sealed sources containing byproduct material, source material, or special nuclear material, manufactured in accordance with the unique specifications of, and for use by, a single applicant, except reactor fuel.	
Application—each source	$1,100.
10. Transportation of radioactive material:	
A. Evaluation of casks, packages, and shipping containers.	
1. Spent Fuel, High-Level Waste, and plutonium air packages	Full Cost.
2. Other Casks	Full Cost.
B. Quality assurance program approvals issued under part 71 of this chapter.	
1. Users and Fabricators.	
Application	$4,200.
Inspections	Full Cost.
2. Users.	
Application	$4,200.
Inspections	Full Cost.
C. Evaluation of security plans, route approvals, route surveys, and transportation security devices (including immobilization devices).	Full Cost.
11. Review of standardized spent fuel facilities	Full Cost.
12. Special projects:	
Including approvals, pre-application/licensing activities, and inspections.	
Application [Program Code: 25110]	Full Cost.
13. A. Spent fuel storage cask Certificate of Compliance	Full Cost.
B. Inspections related to storage of spent fuel under § 72.210 of this chapter	Full Cost.
14. Decommissioning/Reclamation [11]	
A. Byproduct, source, or special nuclear material licenses and other approvals authorizing decommissioning, decontamination, reclamation, or site restoration activities under parts 30, 40, 70, 72, and 76 of this chapter, including master materials licenses (MMLs). The transition to this fee category occurs when a licensee has permanently ceased principal activities. [Program Code(s): 03900, 11900, 21135, 21215, 21325, 22200].	Full Cost.
B. Site-specific decommissioning activities associated with unlicensed sites, including MMLs, regardless of whether or not the sites have been previously licensed.	Full Cost.
15. Import and Export licenses: [12]	
Licenses issued under part 110 of this chapter for the import and export only of special nuclear material, source material, tritium and other byproduct material, and the export only of heavy water, or nuclear grade graphite (fee categories 15.A. through 15.E.).	
A. Application for export or import of nuclear materials, including radioactive waste requiring Commission and Executive Branch review, for example, those actions under § 110.40(b) of this chapter.	
Application—new license, or amendment; or license exemption request	N/A.
B. Application for export or import of nuclear material, including radioactive waste, requiring Executive Branch review, but not Commission review. This category includes applications for the export and import of radioactive waste and requires the NRC to consult with domestic host state authorities (*i.e.,* Low-Level Radioactive Waste Compact Commission, the U.S. Environmental Protection Agency, etc.).	
Application—new license, or amendment; or license exemption request	N/A.
C. Application for export of nuclear material, for example, routine reloads of low enriched uranium reactor fuel and/or natural uranium source material requiring the assistance of the Executive Branch to obtain foreign government assurances.	
Application—new license, or amendment; or license exemption request	N/A.
D. Application for export or import of nuclear material not requiring Commission or Executive Branch review, or obtaining foreign government assurances.	
Application—new license, or amendment; or license exemption request.	N/A.

TABLE 1 TO § 170.31—SCHEDULE OF MATERIALS FEES—Continued

[See footnotes at end of table]

Category of materials licenses and type of fees [1]	Fees [2] [3]
E. Minor amendment of any active export or import license, for example, to extend the expiration date, change domestic information, or make other revisions which do not involve any substantive changes to license terms and conditions or to the type/quantity/chemical composition of the material authorized for export and, therefore, do not require in-depth analysis, review, or consultations with other Executive Branch, U.S. host state, or foreign government authorities.	
Minor amendment	N/A.
Licenses issued under part 110 of this chapter for the import and export only of Category 1 and Category 2 quantities of radioactive material listed in appendix P to part 110 of this chapter (fee categories 15.F. through 15.R.).	
Category 1 (Appendix P, 10 CFR Part 110) Exports:	
F. Application for export of appendix P Category 1 materials requiring Commission review (*e.g.,* exceptional circumstance review under § 110.42(e)(4) of this chapter) and to obtain one government-to-government consent for this process. For additional consent see fee category 15.I.	
Application—new license, or amendment; or license exemption request	N/A.
G. Application for export of appendix P Category 1 materials requiring Executive Branch review and to obtain one government-to-government consent for this process. For additional consents see fee category 15.I.	
Application—new license, or amendment; or license exemption request	N/A.
H. Application for export of appendix P Category 1 materials and to obtain one government-to-government consent for this process. For additional consents see fee category 15.I.	
Application—new license, or amendment; or license exemption request	N/A.
I. Requests for each additional government-to-government consent in support of an export license application or active export license.	
Application—new license, or amendment; or license exemption request	N/A.
Category 2 (Appendix P, 10 CFR Part 110) Exports:	
J. Application for export of appendix P Category 2 materials requiring Commission review (*e.g.,* exceptional circumstance review under § 110.42(e)(4) of this chapter).	
Application—new license, or amendment; or license exemption request	N/A.
K. Applications for export of appendix P Category 2 materials requiring Executive Branch review.	
Application—new license, or amendment; or license exemption request	N/A.
L. Application for the export of Category 2 materials.	
Application—new license, or amendment; or license exemption request	N/A.
M. [Reserved]	N/A.
N. [Reserved]	N/A.
O. [Reserved]	N/A.
P. [Reserved]	N/A.
Q. [Reserved]	N/A.
Minor Amendments (Category 1 and 2, Appendix P, 10 CFR Part 110, Export):	
R. Minor amendment of any active export license, for example, to extend the expiration date, change domestic information, or make other revisions which do not involve any substantive changes to license terms and conditions or to the type/quantity/chemical composition of the material authorized for export and, therefore, do not require in-depth analysis, review, or consultations with other Executive Branch, U.S. host state, or foreign authorities.	
Minor amendment	N/A.
16. Reciprocity:	
Agreement State licensees who conduct activities under the reciprocity provisions of § 150.20 of this chapter.	
Application	$3,000.
17. Master materials licenses of broad scope issued to Government agencies.	
Application [Program Code(s): 03614]	Full Cost.
18. Department of Energy.	
A. Certificates of Compliance. Evaluation of casks, packages, and shipping containers (including spent fuel, high-level waste, and other casks, and plutonium air packages).	Full Cost.
B. Uranium Mill Tailings Radiation Control Act (UMTRCA) activities	Full Cost.

[1] *Types of fees*—Separate charges, as shown in the schedule, will be assessed for pre-application consultations and reviews; applications for new licenses, approvals, or license terminations; possession-only licenses; issuances of new licenses and approvals; certain amendments and renewals to existing licenses and approvals; safety evaluations of sealed sources and devices; generally licensed device registrations; and certain inspections. The following guidelines apply to these charges:

(1) *Application and registration fees.* Applications for new materials licenses and export and import licenses; applications to reinstate expired, terminated, or inactive licenses, except those subject to fees assessed at full costs; applications filed by Agreement State licensees to register under the general license provisions of 10 CFR 150.20; and applications for amendments to materials licenses that would place the license in a higher fee category or add a new fee category must be accompanied by the prescribed application fee for each category.

(i) Applications for licenses covering more than one fee category of special nuclear material or source material must be accompanied by the prescribed application fee for the highest fee category.

(ii) Applications for new licenses that cover both byproduct material and special nuclear material in sealed sources for use in gauging devices will pay the appropriate application fee for fee category 1.C. only.

(2) *Licensing fees.* Fees for reviews of applications for new licenses, renewals, and amendments to existing licenses, pre-application consultations and other documents submitted to the NRC for review, and project manager time for fee categories subject to full cost fees are due upon notification by the Commission in accordance with § 170.12(b).

(3) *Amendment fees.* Applications for amendments to export and import licenses must be accompanied by the prescribed amendment fee for each license affected. An application for an amendment to an export or import license or approval classified in more than one fee category must be accompanied by the prescribed amendment fee for the category affected by the amendment, unless the amendment is applicable to two or more fee categories, in which case the amendment fee for the highest fee category would apply.

(4) *Inspection fees.* Inspections resulting from investigations conducted by the Office of Investigations and nonroutine inspections that result from third-party allegations are not subject to fees. Inspection fees are due upon notification by the Commission in accordance with § 170.12(c).

(5) *Generally licensed device registrations under 10 CFR 31.5.* Submittals of registration information must be accompanied by the prescribed fee.

[2] Fees will be charged for approvals issued under a specific exemption provision of the Commission's regulations under title 10 of the *Code of Federal Regulations* (*e.g.,* 10 CFR 30.11, 40.14, 70.14, 73.5, and any other sections in effect now or in the future), regardless of whether the approval is in the form of a license amendment, letter of approval, safety evaluation report, or other form. In addition to the fee shown, an applicant may be assessed an additional fee for sealed source and device evaluations as shown in fee categories 9.A. through 9.D.

[3] Full cost fees will be determined based on the professional staff time multiplied by the appropriate professional hourly rate established in § 170.20 in effect when the service is provided, and the appropriate contractual support services expended.

[4] Licensees paying fees under categories 1.A., 1.B., and 1.E. are not subject to fees under categories 1.C., 1.D. and 1.F. for sealed sources authorized in the same license, except for an application that deals only with the sealed sources authorized by the license.

[5] Persons who possess radium sources that are used for operational purposes in another fee category are not also subject to the fees in this category. (This exception does not apply if the radium sources are possessed for storage only.)

[6] Licensees subject to fees under fee categories 1.A., 1.B., 1.E., or 2.A. must pay the largest applicable fee and are not subject to additional fees listed in this table.

[7] Licensees paying fees under 3.C., 3.C.1, or 3.C.2 are not subject to fees under 2.B. for possession and shielding authorized on the same license.

[8] Licensees paying fees under 7.C. are not subject to fees under 2.B. for possession and shielding authorized on the same license.

[9] Licensees paying fees under 3.N. are not subject to paying fees under 3.P., 3.P.1, or 3.P.2 for calibration or leak testing services authorized on the same license.

[10] Licensees paying fees under 7.B., 7.B.1, or 7.B.2 are not subject to paying fees under 7.C., 7.C.1, or 7.C.2. for broad scope licenses issued under parts 30, 35, 40, and 70 of this chapter for human use of byproduct material, source material, and/or special nuclear material, except licenses for byproduct material, source material, or special nuclear material in sealed sources contained in teletherapy devices authorized on the same license.

[11] A materials license (or part of a materials license) that transitions to fee category 14.A is assessed full-cost fees under 10 CFR part 170, but is not assessed an annual fee under 10 CFR part 171. If only part of a materials license is transitioned to fee category 14.A, the licensee may be charged annual fees (and any applicable 10 CFR part 170 fees) for other activities authorized under the license that are not in decommissioning status.

[12] Because the resources for import and export licensing activities are identified as a fee-relief activity to be excluded from the fee-recoverable budget, import and export licensing actions will not incur fees.

[13] Licensees paying fees under 4.A., 4.B. or 4.C. are not subject to paying fees under 3.N. licenses that authorize services for other licensees authorized on the same license.

PART 171—ANNUAL FEES FOR REACTOR LICENSES AND FUEL CYCLE LICENSES AND MATERIALS LICENSES, INCLUDING HOLDERS OF CERTIFICATES OF COMPLIANCE, REGISTRATIONS, AND QUALITY ASSURANCE PROGRAM APPROVALS AND GOVERNMENT AGENCIES LICENSED BY THE NRC

■ 6. The authority citation for part 171 continues to read as follows:

Authority: Atomic Energy Act of 1954, secs. 11, 161(w), 223, 234 (42 U.S.C. 2014, 2201(w), 2273, 2282); Energy Reorganization Act of 1974, sec. 201 (42 U.S.C. 5841); 42 U.S.C. 2215; 44 U.S.C. 3504 note.

■ 7. In § 171.5, revise the definitions for ''Bundled unit'', ''Minimum fee'', ''Small modular reactor (SMR)'', ''Variable fee'', and ''Variable rate'' to read as follows:

§ 171.5 Definitions.

* * * * *

Bundled unit means multiple SMR reactors on a single site that are considered a single unit for the purpose of assessing an annual fee. A bundled unit is assessed an annual fee based on the cumulative licensed thermal power rating of all licensed SMR reactors on the same site. The maximum capacity of a bundled unit is a cumulative licensed thermal power rating of 4,500 MWt. A single SMR reactor can be part of two bundled units if it completes the capacity of one unit and begins the capacity of an additional unit. For a given site, the use of the bundled unit concept is independent of the number of SMR plants, the number of SMR licenses issued, or the sequencing of the SMR licenses that have been issued. Bundled units with capacities greater than 2,000 MWt and less than or equal to 4,500 MWt are assessed a maximum fee that is equivalent to the annual fee paid by the current reactor fleet. Above 4,500 MWt establishes an additional bundled unit.

* * * * *

Minimum fee means the lowest annual fee assessed for an SMR or a bundled unit in a thermal power rating fee assessment tier.

* * * * *

Small modular reactor (SMR) for the purposes of calculating fees means the class of power reactors having a licensed thermal power rating less than or equal to 1,000 MWt per module. This rating is based on the thermal power equivalent of an SMR with an electrical power generating capacity of 300 MWe or less per module.

* * * * *

Variable fee means an annual fee component that is added to the minimum fee. The variable fee is designed to gradually increase as licensed thermal power capacity is added within the bundled unit fee assessment tier. The variable fee is calculated as the product of the incremental increase in the thermal power rating multiplied by the variable rate.

Variable rate means the factor used to calculate the variable fee component of the annual fee. To determine the total annual fee, the incremental increase in the licensed thermal power rating within the fee assessment tier is multiplied by the variable rate resulting in a variable fee that is added to the minimum fee. There is a different factor for each SMR or bundled unit fee assessment tier. Each factor represents the difference between the lower licensed thermal power rating within each tier and the actual thermal power rating for the unit or site.

■ 8. In § 171.15, revise paragraphs (b)(1) and (b)(2) introductory text, paragraphs (c)(1) and (c)(2) introductory text, and paragraphs (d)(2) and (e) to read as follows:

§ 171.15 Annual fees: Non-power production or utilization licenses, reactor licenses, and independent spent fuel storage licenses.

* * * * *

(b)(1) The FY 2023 annual fee for each operating power reactor that must be collected by September 30, 2023, is $5,486,000.

(2) The FY 2023 annual fees are comprised of a base annual fee for power reactors licensed to operate, a base spent fuel storage/reactor decommissioning annual fee and associated additional charges. The activities comprising the spent fuel storage/reactor decommissioning base annual fee are shown in paragraphs (c)(2)(i) and (ii) of this section. The activities comprising the FY 2023 base annual fee for operating power reactors are as follows:

* * * * *

(c)(1) The FY 2023 annual fee for each power reactor holding a 10 CFR part 50 license or combined license issued under 10 CFR part 52 that is in a decommissioning or possession-only status and has spent fuel onsite, and for each independent spent fuel storage 10 CFR part 72 licensee who does not hold

a 10 CFR part 50 license or a 10 CFR part 52 combined license, is $267,000.

(2) The FY 2023 annual fee is comprised of a base spent fuel storage/reactor decommissioning annual fee (which is also included in the operating power reactor annual fee shown in paragraph (b) of this section). The activities comprising the FY 2023 spent fuel storage/reactor decommissioning rebaselined annual fee are:

* * * * *

(d) * * *

(2) The annual fees for a small modular reactor(s) located on a single site to be collected by September 30 of each year, are as follows:

TABLE 1 TO PARAGRAPH (d)(2)

Bundled unit thermal power rating	Minimum fee	Variable fee	Maximum fee
First Bundled Unit(s)—cumulative MWt:			
0 MWt ≤20 MWt	[a] TBD	N/A	N/A
>20 MWt ≤250 MWt	[a] TBD	[d] TBD	N/A
>250 MWt ≤2,000 MWt	[b] TBD	[e] TBD	N/A
>2,000 MWt ≤4,500 MWt	N/A	N/A	[c] TBD
Additional Bundled Unit(s)—cumulative MWt (above the first bundled unit of 4,500 MWt):			
0 MWt ≤2,000 MWt	N/A	[f] TBD	N/A
>2,000 MWt ≤4,500 MWt	N/A	N/A	[c] TBD

[a] Annual fee paid by the non-power production or utilization facilities fee class.
[b] Average of the annual fees for the spent fuel storage/reactor decommissioning and the non-power production or utilization facilities fee classes.
[c] Annual fee paid by the operating power reactors fee class.
[d] [((b) − (a))/230] × the difference between 20 MWt for the first bundled unit(s) and the actual cumulative licensed thermal power rating up to 250 MWt.
[e] [((c) − (b))/1,750] × the difference between 250 MWt for the first bundled unit(s) and the actual cumulative licensed thermal power rating up to 2,000 MWt.
[f] [((c) − (b))/2,000] × the difference between 4,500 MWt for the first bundled unit(s) and the total actual cumulative licensed thermal power rating up to 2,000 MWt.

* * * * *

(e) The FY 2023 annual fee for licensees authorized to operate one or more non-power production or utilization facilities under a single 10 CFR part 50 license, unless the reactor is exempted from fees under § 171.11(b), is $98,900.

■ 9. In § 171.16, revise paragraphs (b) introductory text, (c), and (d) to read as follows:

§ 171.16 Annual fees: Materials licensees, holders of certificates of compliance, holders of sealed source and device registrations, holders of quality assurance program approvals, and government agencies licensed by the NRC.

* * * * *

(b) The FY 2023 annual fee is comprised of a base annual fee and associated additional charges. The base FY 2023 annual fee is the sum of budgeted costs for the following activities:

* * * * *

(c) A licensee who is required to pay an annual fee under this section, in addition to 10 CFR part 72 licenses, may qualify as a small entity. If a licensee qualifies as a small entity and provides the Commission with the proper certification along with its annual fee payment, the licensee may pay reduced annual fees as shown in table 1 to this paragraph (c). Failure to file a small entity certification in a timely manner could result in the receipt of a delinquent invoice requesting the outstanding balance due and/or denial of any refund that might otherwise be due. The small entity fees are as follows:

TABLE 1 TO PARAGRAPH (c)

NRC small entity classification	Maximum annual fee per licensed category
Small Businesses Not Engaged in Manufacturing (Average gross receipts over the last 5 completed fiscal years):	
$555,000 to $8 million	$5,200
Less than $555,000	1,000
Small Not-For-Profit Organizations (Annual Gross Receipts):	
$555,000 to $8 million	5,200
Less than $555,000	1,000
Manufacturing Entities that Have An Average of 500 Employees or Fewer:	
35 to 500 employees	5,200
Fewer than 35 employees	1,000
Small Governmental Jurisdictions (Including publicly supported educational institutions) (Population):	
20,000 to 49,999	5,200
Fewer than 20,000	1,000
Educational Institutions that are not State or Publicly Supported, and have 500 Employees or Fewer:	
35 to 500 employees	5,200
Fewer than 35 employees	1,000

(d) The FY 2023 annual fees for materials licensees and holders of certificates, registrations, or approvals subject to fees under this section are shown in table 2 to this paragraph (d):

TABLE 2 TO PARAGRAPH (d)—SCHEDULE OF MATERIALS ANNUAL FEES AND FEES FOR GOVERNMENT AGENCIES LICENSED BY NRC

[See footnotes at end of table]

Category of materials licenses	Annual fees [1] [2] [3]
1. Special nuclear material:	
A. (1) Licenses for possession and use of U–235 or plutonium for fuel fabrication activities.	
(a) Strategic Special Nuclear Material (High Enriched Uranium) [15] [Program Code(s): 21213]	$5,136,000
(b) Low Enriched Uranium in Dispersible Form Used for Fabrication of Power Reactor Fuel [15] [Program Code(s): 21210]	1,741,000
(2) All other special nuclear materials licenses not included in Category 1.A.(1) which are licensed for fuel cycle activities.	
(a) Facilities with limited operations [15] [Program Code(s): 21310, 21320]	803,000
(b) Gas centrifuge enrichment demonstration facility [15] [Program Code(s): 21205]	N/A
(c) Others, including hot cell facility [15] [Program Code(s): 21130, 21131, 21133]	N/A
B. Licenses for receipt and storage of spent fuel and reactor-related Greater than Class C (GTCC) waste at an independent spent fuel storage installation (ISFSI) [11] [15] [Program Code(s): 23200]	N/A
C. Licenses for possession and use of special nuclear material of less than a critical mass, as defined in § 70.4 of this chapter, in sealed sources contained in devices used in industrial measuring systems, including x-ray fluorescence analyzers. [Program Code(s): 22140]	2,500
D. All other special nuclear material licenses, except licenses authorizing special nuclear material in sealed or unsealed form in combination that would constitute a critical mass, as defined in § 70.4 of this chapter, for which the licensee shall pay the same fees as those under Category 1.A. [Program Code(s): 22110, 22111, 22120, 22131, 22136, 22150, 22151, 22161, 22170, 23100, 23300, 23310]	7,400
E. Licenses or certificates for the operation of a uranium enrichment facility [15] [Program Code(s): 21200]	2,238,000
F. Licenses for possession and use of special nuclear materials greater than critical mass, as defined in § 70.4 of this chapter, for development and testing of commercial products, and other non-fuel cycle activities.[4] [Program Code: 22155]	4,400
2. Source material:	
A. (1) Licenses for possession and use of source material for refining uranium mill concentrates to uranium hexafluoride or for deconverting uranium hexafluoride in the production of uranium oxides for disposal.[15] [Program Code: 11400]	1,320,000
(2) Licenses for possession and use of source material in recovery operations such as milling, in-situ recovery, heap-leaching, ore buying stations, ion-exchange facilities and in-processing of ores containing source material for extraction of metals other than uranium or thorium, including licenses authorizing the possession of byproduct waste material (tailings) from source material recovery operations, as well as licenses authorizing the possession and maintenance of a facility in a standby mode.	
(a) Conventional and Heap Leach facilities.[15] [Program Code(s): 11100]	N/A
(b) Basic *In Situ* Recovery facilities.[15] [Program Code(s): 11500]	49,500
(c) Expanded *In Situ* Recovery facilities [15] [Program Code(s): 11510]	N/A
(d) *In Situ* Recovery Resin facilities.[15] [Program Code(s): 11550]	[5] N/A
(e) Resin Toll Milling facilities.[15] [Program Code(s): 11555]	[5] N/A
(f) Other facilities [6] [Program Code(s): 11700]	[5] N/A
(3) Licenses that authorize the receipt of byproduct material, as defined in section 11e.(2) of the Atomic Energy Act, from other persons for possession and disposal, except those licenses subject to the fees in Category 2.A.(2) or Category 2.A.(4) [15] [Program Code(s): 11600, 12000]	[5] N/A
(4) Licenses that authorize the receipt of byproduct material, as defined in section 11e.(2) of the Atomic Energy Act, from other persons for possession and disposal incidental to the disposal of the uranium waste tailings generated by the licensee's milling operations, except those licenses subject to the fees in Category 2.A.(2) [15] [Program Code(s): 12010]	N/A
B. Licenses which authorize the possession, use, and/or installation of source material for shielding.[16] [17] Application [Program Code(s): 11210]	2,800
C. Licenses to distribute items containing source material to persons exempt from the licensing requirements of part 40 of this chapter. [Program Code: 11240]	10,400
D. Licenses to distribute source material to persons generally licensed under part 40 of this chapter. [Program Code(s): 11230 and 11231]	5,300
E. Licenses for possession and use of source material for processing or manufacturing of products or materials containing source material for commercial distribution. [Program Code: 11710]	6,800
F. All other source material licenses. [Program Code(s): 11200, 11220, 11221, 11300, 11800, 11810, 11820]	9,200
3. Byproduct material:	
A. Licenses of broad scope for possession and use of byproduct material issued under parts 30 and 33 of this chapter for processing or manufacturing of items containing byproduct material for commercial distribution. Number of locations of use: 1–5. [Program Code(s): 03211, 03212, 03213]	28,800
(1). Licenses of broad scope for the possession and use of byproduct material issued under parts 30 and 33 of this chapter for processing or manufacturing of items containing byproduct material for commercial distribution. Number of locations of use: 6–20. [Program Code(s): 04010, 04012, 04014]	38,300
(2). Licenses of broad scope for the possession and use of byproduct material issued under parts 30 and 33 of this chapter for processing or manufacturing of items containing byproduct material for commercial distribution. Number of locations of use: more than 20. [Program Code(s): 04011, 04013, 04015]	47,800
B. Other licenses for possession and use of byproduct material issued under part 30 of this chapter for processing or manufacturing of items containing byproduct material for commercial distribution. Number of locations of use: 1–5. [Program Code(s): 03214, 03215, 22135, 22162]	10,000

TABLE 2 TO PARAGRAPH (d)—SCHEDULE OF MATERIALS ANNUAL FEES AND FEES FOR GOVERNMENT AGENCIES LICENSED BY NRC—Continued

[See footnotes at end of table]

Category of materials licenses	Annual fees [1] [2] [3]
(1). Other licenses for possession and use of byproduct material issued under part 30 of this chapter for processing or manufacturing of items containing byproduct material for commercial distribution. Number of locations of use: 6–20. [Program Code(s): 04110, 04112, 04114, 04116]	13,300
(2). Other licenses for possession and use of byproduct material issued under part 30 of this chapter for processing or manufacturing of items containing byproduct material for commercial distribution. Number of locations of use: more than 20. [Program Code(s): 04111, 04113, 04115, 04117]	16,500
C. Licenses issued under §§ 32.72 and/or 32.74 of this chapter that authorize the processing or manufacturing and distribution or redistribution of radiopharmaceuticals, generators, reagent kits, and/or sources and devices containing byproduct material. This category does not apply to licenses issued to nonprofit educational institutions whose processing or manufacturing is exempt under § 170.11(a)(4) of this chapter. Number of locations of use: 1–5. [Program Code(s): 02500, 02511, 02513]	9,700
(1). Licenses issued under §§ 32.72 and/or 32.74 of this chapter that authorize the processing or manufacturing and distribution or redistribution of radiopharmaceuticals, generators, reagent kits, and/or sources and devices containing byproduct material. This category does not apply to licenses issued to nonprofit educational institutions whose processing or manufacturing is exempt under § 170.11(a)(4). Number of locations of use: 6–20. [Program Code(s): 04210, 04212, 04214]	12,800
(2). Licenses issued under §§ 32.72 and/or 32.74 of this chapter that authorize the processing or manufacturing and distribution or redistribution of radiopharmaceuticals, generators, reagent kits, and/or sources and devices containing byproduct material. This category does not apply to licenses issued to nonprofit educational institutions whose processing or manufacturing is exempt under § 170.11(a)(4). Number of locations of use: more than 20. [Program Code(s): 04211, 04213, 04215]	17,700
D. [Reserved]	[5] N/A
E. Licenses for possession and use of byproduct material in sealed sources for irradiation of materials in which the source is not removed from its shield (self-shielded units). [Program Code(s): 03510, 03520]	9,400
F. Licenses for possession and use of less than or equal to 10,000 curies of byproduct material in sealed sources for irradiation of materials in which the source is exposed for irradiation purposes. This category also includes underwater irradiators for irradiation of materials in which the source is not exposed for irradiation purposes. [Program Code(s): 03511]	9,000
G. Licenses for possession and use of greater than 10,000 curies of byproduct material in sealed sources for irradiation of materials in which the source is exposed for irradiation purposes. This category also includes underwater irradiators for irradiation of materials in which the source is not exposed for irradiation purposes. [Program Code(s): 03521]	74,300
H. Licenses issued under subpart A of part 32 of this chapter to distribute items containing byproduct material that require device review to persons exempt from the licensing requirements of part 30 of this chapter, except specific licenses authorizing redistribution of items that have been authorized for distribution to persons exempt from the licensing requirements of part 30 of this chapter. [Program Code(s): 03254, 03255, 03257]	9,300
I. Licenses issued under subpart A of part 32 of this chapter to distribute items containing byproduct material or quantities of byproduct material that do not require device evaluation to persons exempt from the licensing requirements of part 30 of this chapter, except for specific licenses authorizing redistribution of items that have been authorized for distribution to persons exempt from the licensing requirements of part 30 of this chapter. [Program Code(s): 03250, 03251, 03253, 03256]	19,300
J. Licenses issued under subpart B of part 32 of this chapter to distribute items containing byproduct material that require sealed source and/or device review to persons generally licensed under part 31 of this chapter, except specific licenses authorizing redistribution of items that have been authorized for distribution to persons generally licensed under part 31 of this chapter. [Program Code(s): 03240, 03241, 03243]	3,700
K. Licenses issued under subpart B of part 32 of this chapter to distribute items containing byproduct material or quantities of byproduct material that do not require sealed source and/or device review to persons generally licensed under part 31 of this chapter, except specific licenses authorizing redistribution of items that have been authorized for distribution to persons generally licensed under part 31 of this chapter. [Program Code(s): 03242, 03244]	2,800
L. Licenses of broad scope for possession and use of byproduct material issued under parts 30 and 33 of this chapter for research and development that do not authorize commercial distribution. Number of locations of use: 1–5. [Program Code(s): 01100, 01110, 01120, 03610, 03611, 03612, 03613]	13,500
(1) Licenses of broad scope for possession and use of product material issued under parts 30 and 33 of this chapter for research and development that do not authorize commercial distribution. Number of locations of use: 6–20. [Program Code(s): 04610, 04612, 04614, 04616, 04618, 04620, 04622]	17,900
(2) Licenses of broad scope for possession and use of byproduct material issued under parts 30 and 33 of this chapter for research and development that do not authorize commercial distribution. Number of locations of use: more than 20. [Program Code(s): 04611, 04613, 04615, 04617, 04619, 04621, 04623]	22,300
M. Other licenses for possession and use of byproduct material issued under part 30 of this chapter for research and development that do not authorize commercial distribution. [Program Code(s): 03620]	25,200
N. Licenses that authorize services for other licensees, except: (1) Licenses that authorize only calibration and/or leak testing services are subject to the fees specified in fee Category 3.P.; and (2) Licenses that authorize waste disposal services are subject to the fees specified in fee categories 4.A., 4.B., and 4.C.[21] [Program Code(s): 03219, 03225, 03226]	14,900
O. Licenses for possession and use of byproduct material issued under part 34 of this chapter for industrial radiography operations. This category also includes the possession and use of source material for shielding authorized under part 40 of this chapter when authorized on the same license Number of locations of use: 1–5. [Program Code(s): 03310, 03320]	43,700

TABLE 2 TO PARAGRAPH (d)—SCHEDULE OF MATERIALS ANNUAL FEES AND FEES FOR GOVERNMENT AGENCIES LICENSED BY NRC—Continued

[See footnotes at end of table]

Category of materials licenses	Annual fees [1] [2] [3]
(1). Licenses for possession and use of byproduct material issued under part 34 of this chapter for industrial radiography operations. This category also includes the possession and use of source material for shielding authorized under part 40 of this chapter when authorized on the same license. Number of locations of use: 6–20. [Program Code(s): 04310, 04312]	58,500
(2). Licenses for possession and use of byproduct material issued under part 34 of this chapter for industrial radiography operations. This category also includes the possession and use of source material for shielding authorized under part 40 of this chapter when authorized on the same license. Number of locations of use: more than 20. [Program Code(s): 04311, 04313]	72,900
P. All other specific byproduct material licenses, except those in Categories 4.A. through 9.D.[18] Number of locations of use: 1–5. [Program Code(s): 02400, 02410, 03120, 03121, 03122, 03123, 03124, 03140, 03130, 03220, 03221, 03222, 03800, 03810, 22130]	12,500
(1). All other specific byproduct material licenses, except those in Categories 4.A. through 9.D.[18] Number of locations of use: 6–20. [Program Code(s): 04410, 04412, 04414, 04416, 04418, 04420, 04422, 04424, 04426, 04428, 04430, 04432, 04434, 04436, 04438]	16,700
(2). All other specific byproduct material licenses, except those in Categories 4.A. through 9.D.[18] Number of locations of use: more than 20. [Program Code(s): 04411, 04413, 04415, 04417, 04419, 04421, 04423, 04425, 04427, 04429, 04431, 04433, 04435, 04437, 04439]	20,800
Q. Registration of devices generally licensed under part 31 of this chapter	[13] N/A
R. Possession of items or products containing radium–226 identified in § 31.12 of this chapter which exceed the number of items or limits specified in that section: [14]	
(1). Possession of quantities exceeding the number of items or limits in § 31.12(a)(4), or (5) of this chapter but less than or equal to 10 times the number of items or limits specified [Program Code(s): 02700]	6,500
(2). Possession of quantities exceeding 10 times the number of items or limits specified in § 31.12(a)(4) or (5) of this chapter [Program Code(s): 02710]	6,800
S. Licenses for production of accelerator-produced radionuclides [Program Code(s): 03210]	26,300
4. Waste disposal and processing:	
A. Licenses specifically authorizing the receipt of waste byproduct material, source material, or special nuclear material from other persons for the purpose of contingency storage or commercial land disposal by the licensee; or licenses authorizing contingency storage of low-level radioactive waste at the site of nuclear power reactors; or licenses for receipt of waste from other persons for incineration or other treatment, packaging of resulting waste and residues, and transfer of packages to another person authorized to receive or dispose of waste material. [Program Code(s): 03231, 03233, 03236, 06100, 06101]	20,000
B. Licenses specifically authorizing the receipt of waste byproduct material, source material, or special nuclear material from other persons for the purpose of packaging or repackaging the material. The licensee will dispose of the material by transfer to another person authorized to receive or dispose of the material. [Program Code(s): 03234]	15,600
C. Licenses specifically authorizing the receipt of prepackaged waste byproduct material, source material, or special nuclear material from other persons. The licensee will dispose of the material by transfer to another person authorized to receive or dispose of the material. [Program Code(s): 03232]	9,000
5. Well logging:	
A. Licenses for possession and use of byproduct material, source material, and/or special nuclear material for well logging, well surveys, and tracer studies other than field flooding tracer studies. [Program Code(s): 03110, 03111, 03112]	12,500
B. Licenses for possession and use of byproduct material for field flooding tracer studies. [Program Code(s): 03113]	[5] N/A
6. Nuclear laundries:	
A. Licenses for commercial collection and laundry of items contaminated with byproduct material, source material, or special nuclear material. [Program Code(s): 03218]	28,200
7. Medical licenses:	
A. Licenses issued under parts 30, 35, 40, and 70 of this chapter for human use of byproduct material, source material, or special nuclear material in sealed sources contained in gamma stereotactic radiosurgery units, teletherapy devices, or similar beam therapy devices. This category also includes the possession and use of source material for shielding when authorized on the same license.[9] Number of locations of use: 1–5. [Program Code(s): 02300, 02310]	28,900
(1). Licenses issued under parts 30, 35, 40, and 70 of this chapter for human use of byproduct material, source material, or special nuclear material in sealed sources contained in gamma stereotactic radiosurgery units, teletherapy devices, or similar beam therapy devices. This category also includes the possession and use of source material for shielding when authorized on the same license.[9] Number of locations of use: 6–20. [Program Code(s): 04510, 04512]	38,500
(2). Licenses issued under parts 30, 35, 40, and 70 of this chapter for human use of byproduct material, source material, or special nuclear material in sealed sources contained in gamma stereotactic radiosurgery units, teletherapy devices, or similar beam therapy devices. This category also includes the possession and use of source material for shielding when authorized on the same license.[9] Number of locations of use: more than 20. [Program Code(s): 04511, 04513]	48,200
B. Licenses of broad scope issued to medical institutions or two or more physicians under parts 30, 33, 35, 40, and 70 of this chapter authorizing research and development, including human use of byproduct material, except licenses for byproduct material, source material, or special nuclear material in sealed sources contained in teletherapy devices. This category also includes the possession and use of source material for shielding when authorized on the same license.[9] Number of locations of use: 1–5. [Program Code(s): 02110]	42,500

TABLE 2 TO PARAGRAPH (d)—SCHEDULE OF MATERIALS ANNUAL FEES AND FEES FOR GOVERNMENT AGENCIES LICENSED BY NRC—Continued

[See footnotes at end of table]

Category of materials licenses	Annual fees [1] [2] [3]
(1). Licenses of broad scope issued to medical institutions or two or more physicians under parts 30, 33, 35, 40, and 70 of this chapter authorizing research and development, including human use of byproduct material, except licenses for byproduct material, source material, or special nuclear material in sealed sources contained in teletherapy devices. This category also includes the possession and use of source material for shielding when authorized on the same license.[9] Number of locations of use: 6–20. [Program Code(s): 04710]	56,500
(2). Licenses of broad scope issued to medical institutions or two or more physicians under parts 30, 33, 35, 40, and 70 of this chapter authorizing research and development, including human use of byproduct material, except licenses for byproduct material, source material, or special nuclear material in sealed sources contained in teletherapy devices. This category also includes the possession and use of source material for shielding when authorized on the same license.[9] Number of locations of use: more than 20. [Program Code(s): 04711]	70,500
C. Other licenses issued under parts 30, 35, 40, and 70 of this chapter for human use of byproduct material, source material, and/or special nuclear material, except licenses for byproduct material, source material, or special nuclear material in sealed sources contained in teletherapy devices. This category also includes the possession and use of source material for shielding when authorized on the same license.[9] [19] Number of locations of use: 1–5. [Program Code(s): 02120, 02121, 02200, 02201, 02210, 02220, 02230, 02231, 02240, 22160]	18,100
(1). Other licenses issued under parts 30, 35, 40, and 70 of this chapter for human use of byproduct material, source material, and/or special nuclear material, except licenses for byproduct material, source material, or special nuclear material in sealed sources contained in teletherapy devices. This category also includes the possession and use of source material for shielding when authorized on the same license.[9] [19] Number of locations of use: 6–20. [Program Code(s): 04810, 04812, 04814, 04816, 04818, 04820, 04822, 04824, 04826, 04828]	24,200
(2). Other licenses issued under parts 30, 35, 40, and 70 of this chapter for human use of byproduct material, source material, and/or special nuclear material, except licenses for byproduct material, source material, or special nuclear material in sealed sources contained in teletherapy devices. This category also includes the possession and use of source material for shielding when authorized on the same license.[9] [19] Number of locations of use: more than 20. [Program Code(s): 04811, 04813, 04815, 04817, 04819, 04821, 04823, 04825, 04827, 04829]	22,100
8. Civil defense:	
A. Licenses for possession and use of byproduct material, source material, or special nuclear material for civil defense activities. [Program Code(s): 03710]	6,500
9. Device, product, or sealed source safety evaluation:	
A. Registrations issued for the safety evaluation of devices or products containing byproduct material, source material, or special nuclear material, except reactor fuel devices, for commercial distribution	17,600
B. Registrations issued for the safety evaluation of devices or products containing byproduct material, source material, or special nuclear material manufactured in accordance with the unique specifications of, and for use by, a single applicant, except reactor fuel devices	9,000
C. Registrations issued for the safety evaluation of sealed sources containing byproduct material, source material, or special nuclear material, except reactor fuel, for commercial distribution	5,300
D. Registrations issued for the safety evaluation of sealed sources containing byproduct material, source material, or special nuclear material, manufactured in accordance with the unique specifications of, and for use by, a single applicant, except reactor fuel	1,000
10. Transportation of radioactive material:	
A. Certificates of Compliance or other package approvals issued for design of casks, packages, and shipping containers.	
1. Spent Fuel, High-Level Waste, and plutonium air packages	[6] N/A
2. Other Casks	[6] N/A
B. Quality assurance program approvals issued under part 71 of this chapter.	
1. Users and Fabricators	[6] N/A
2. Users	[6] N/A
C. Evaluation of security plans, route approvals, route surveys, and transportation security devices (including immobilization devices)	[6] N/A
11. Standardized spent fuel facilities	[6] N/A
12. Special Projects [Program Code(s): 25110]	[6] N/A
13. A. Spent fuel storage cask Certificate of Compliance	[6] N/A
B. General licenses for storage of spent fuel under § 72.210 of this chapter	[12] N/A
14. Decommissioning/Reclamation:	
A. Byproduct, source, or special nuclear material licenses and other approvals authorizing decommissioning, decontamination, reclamation, or site restoration activities under parts 30, 40, 70, 72, and 76 of this chapter, including master materials licenses (MMLs). The transition to this fee category occurs when a licensee has permanently ceased principal activities. [Program Code(s): 03900, 11900, 21135, 21215, 21325, 22200]	[7] [20] N/A
B. Site-specific decommissioning activities associated with unlicensed sites, including MMLs, whether or not the sites have been previously licensed	[7] N/A
15. Import and Export licenses	[8] N/A
16. Reciprocity	[8] N/A
17. Master materials licenses of broad scope issued to Government agencies.[15] [Program Code(s): 03614]	352,000
18. Department of Energy:	
A. Certificates of Compliance	[10] 1,733,000

TABLE 2 TO PARAGRAPH (d)—SCHEDULE OF MATERIALS ANNUAL FEES AND FEES FOR GOVERNMENT AGENCIES LICENSED BY NRC—Continued

[See footnotes at end of table]

Category of materials licenses	Annual fees [1] [2] [3]
B. Uranium Mill Tailings Radiation Control Act (UMTRCA) activities [Program Code(s): 03237, 03238]	119,000

[1] Annual fees will be assessed based on whether a licensee held a valid license with the NRC authorizing possession and use of radioactive material during the current FY. The annual fee is waived for those materials licenses and holders of certificates, registrations, and approvals who either filed for termination of their licenses or approvals or filed for possession only/storage licenses before October 1 of the current FY, and permanently ceased licensed activities entirely before this date. Annual fees for licensees who filed for termination of a license, downgrade of a license, or for a possession-only license during the FY and for new licenses issued during the FY will be prorated in accordance with the provisions of § 171.17. If a person holds more than one license, certificate, registration, or approval, the annual fee(s) will be assessed for each license, certificate, registration, or approval held by that person. For licenses that authorize more than one activity on a single license (*e.g.,* human use and irradiator activities), annual fees will be assessed for each category applicable to the license.

[2] Payment of the prescribed annual fee does not automatically renew the license, certificate, registration, or approval for which the fee is paid. Renewal applications must be filed in accordance with the requirements of parts 30, 40, 70, 71, 72, or 76 of this chapter.

[3] Each FY, fees for these materials licenses will be calculated and assessed in accordance with § 171.13 and will be published in the **Federal Register** for notice and comment.

[4] Other facilities include licenses for extraction of metals, heavy metals, and rare earths.

[5] There are no existing NRC licenses in these fee categories. If NRC issues a license for these categories, the Commission will consider establishing an annual fee for this type of license.

[6] Standardized spent fuel facilities, 10 CFR parts 71 and 72 Certificates of Compliance and related Quality Assurance program approvals, and special reviews, such as topical reports, are not assessed an annual fee because the generic costs of regulating these activities are primarily attributable to users of the designs, certificates, and topical reports.

[7] Licensees in this category are not assessed an annual fee because they are charged an annual fee in other categories while they are licensed to operate.

[8] No annual fee is charged because it is not practical to administer due to the relatively short life or temporary nature of the license.

[9] Separate annual fees will not be assessed for pacemaker licenses issued to medical institutions that also hold nuclear medicine licenses under fee categories 7.A, 7.A.1, 7.A.2, 7.B., 7.B.1, 7.B.2, 7.C, 7.C.1, or 7.C.2.

[10] This includes Certificates of Compliance issued to the DOE that are not funded from the Nuclear Waste Fund.

[11] See § 171.15(c).

[12] See § 171.15(c).

[13] No annual fee is charged for this category because the cost of the general license registration program applicable to licenses in this category will be recovered through 10 CFR part 170 fees.

[14] Persons who possess radium sources that are used for operational purposes in another fee category are not also subject to the fees in this category. (This exception does not apply if the radium sources are possessed for storage only.)

[15] Licensees subject to fees under categories 1.A., 1.B., 1.E., 2.A., and licensees paying fees under fee category 17 must pay the largest applicable fee and are not subject to additional fees listed in this table.

[16] Licensees paying fees under 3.C. are not subject to fees under 2.B. for possession and shielding authorized on the same license.

[17] Licensees paying fees under 7.C. are not subject to fees under 2.B. for possession and shielding authorized on the same license.

[18] Licensees paying fees under 3.N. are not subject to paying fees under 3.P., 3.P.1, or 3.P.2 for calibration or leak testing services authorized on the same license.

[19] Licensees paying fees under 7.B., 7.B.1, or 7.B.2 are not subject to paying fees under 7.C., 7.C.1, or 7.C.2 for broad scope license licenses issued under parts 30, 35, 40, and 70 of this chapter for human use of byproduct material, source material, and/or special nuclear material, except licenses for byproduct material, source material, or special nuclear material in sealed sources contained in teletherapy devices authorized on the same license.

[20] No annual fee is charged for a materials license (or part of a materials license) that has transitioned to this fee category because the decommissioning costs will be recovered through 10 CFR part 170 fees, but annual fees may be charged for other activities authorized under the license that are not in decommissioning status.

[21] Licensees paying fees under 4.A., 4.B. or 4.C. are not subject to paying fees under 3.N. licenses that authorize services for other licensees authorized on the same license.

Dated: February 21, 2023.

For the Nuclear Regulatory Commission.

James C. Corbett,

Acting Chief Financial Officer.

[FR Doc. 2023–03940 Filed 3–2–23; 8:45 am]

BILLING CODE 7590–01–P

FEDERAL ELECTION COMMISSION

11 CFR Part 113

[Notice 2023–04]

Candidate Salaries

AGENCY: Federal Election Commission.

ACTION: Proposed rule; public hearing.

SUMMARY: The Commission is announcing a hybrid public hearing on proposed changes to regulations regarding the use of campaign funds by a candidate's principal campaign committee to pay compensation to the candidate.

DATES: The hearing will be held on Wednesday, March 22, 2023, and will begin at 11 a.m.

ADDRESSES: The hearing will be held at the Federal Election Commission, 1050 First St. NE, 12th floor Hearing Room, Washington, DC 20463, and virtually. For those attending the meeting in person, current COVID–19 safety protocols for visitors, which are based on the CDC COVID–19 community level in Washington, DC, will be updated on the Commission's contact page, *www.fec.gov/contact/,* by the Monday before the hearing. This hearing will be open to the public, subject to the above-referenced guidance regarding the COVID–19 community level and corresponding health and safety procedures. Virtual attendees may access the hearing by going to the Commission's website, *www.fec.gov,* and clicking on the banner to be taken to the hearing page.

FOR FURTHER INFORMATION CONTACT: Ms. Amy L. Rothstein, Assistant General Counsel for Policy, or Mr. Joseph P. Wenzinger, Attorney, or Cheryl A. Hemsley, Attorney, 1050 First Street NE, Washington, DC 20463, (202) 694–1650 or (800) 424–9530.

SUPPLEMENTARY INFORMATION: On December 12, 2022, the Commission published a Notice of Proposed Rulemaking (''NPRM'') proposing changes to regulations regarding the use of campaign funds by a candidate's principal campaign committee to pay

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FY 2023
PROPOSED
FEE RULE
WORK PAPERS

FY 2023
Proposed Fee Rule
Work Papers

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

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

The FY 2023 fee recovery amount is increased by $1.2 million to account for billing adjustments (i.e., for FY 2023 invoices that the NRC estimates will not be paid during the fiscal year, less payments received in FY 2023 for prior year invoices). This leaves approximately $791.4 million to be billed as fees in FY 2023 through 10 CFR Part 170 licensing and inspection fees and 10 CFR Part 171 annual fees.

The NRC estimates that $195.4 million would be recovered from 10 CFR Part 170 fees in FY 2023. This represents a decrease of $3.4 million or approximately 1.7 percent as compared to the estimated 10 CFR Part 170 collections of $198.8 million for FY 2022. The remaining $596.0 million would be recovered through the 10 CFR Part 171 annual fees in FY 2023, which is an increase of $42.0 million when compared to estimated 10 CFR Part 171 collections of $554.0 million for FY 2022.

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

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

	FY 2023
NRC Budget Authority	$927.2
Less Budget Authority for Excluded Activities	-$137.0
Balance	$790.2
Fee Recovery Rate for FY 2023	x 100
Total Amount to be Recovered For FY 2023	$790.2
Amount to be Recovered Through Fees and Other Receipts	$790.2
Estimated amount to be recovered through 10 CFR Part 170 fees and other receipts	-$195.4
Estimated amount to be recovered through 10 CFR Part 171 annual fees	$594.8
10 CFR Part 171 billing adjustments	$1.2
Adjusted 10 CFR Part 171 annual fee collections required	$596.0

10 CFR Part 170 Fees

Section III.A

10 CFR Part 170 Fees

Determination of Professional Hourly Rate

Section III.A.1

Table III

Proposed Professional Hourly Rate is $300

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

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

Definitions of Professional Hourly Rate Components

Mission-Direct Program Salaries and Benefits:

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

Mission-Indirect Program Support:

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

Agency Support (Corporate Support and the IG):

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

Offsetting Receipts:

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

Estimated Annual Mission Direct FTE Productive hours:

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

$$\frac{\text{Total hours in mission business lines}}{\text{Total hours in mission business lines} + \text{“Other Hours”}} \times \text{Total work hours in a year (2,087)} = \text{Productive Hours Assumption}$$

$$\frac{2{,}304{,}986}{3{,}101{,}843} \times \text{Total work hours in a year (2,087)} = 1{,}551$$

Elements of the formula are defined as follows:

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

DETERMINATION OF PROFESSIONAL HOURLY RATE
CALCULATION OF FTE RATES BY PROGRAM

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

MISSION DIRECT RESOURCES

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

PROGRAM SUPPORT (or MISSION INDIRECT) RESOURCES

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

AGENCY SUPPORT (CORPORATE SUPPORT & IG) RESOURCES

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

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

DETERMINATION OF PROFESSIONAL HOURLY RATE CONTINUED

Total included in professional hourly rates:	% total	value
Mission-Direct Program Salaries & Benefits	46.20%	$359,193,649
Mission-Indirect Program Support	15.28%	$118,756,251
Agency Support: Corporate Support w/ Inspector General	38.52%	$299,499,800
Total	100.00%	$777,449,700
less offsetting receipts*		$11,734
Total in professional hourly rate**		$777,437,966

Mission-Direct FTE	1,672
FTE rate- Full Costed** ('Total' line divided by 'Mission Direct FTE')	$464,926
Annual Mission-direct FTE productive hours	1,551
Mission-direct FTE converted to hours ('Mission Direct FTE' multiplied by 'Annual Mission direct FTE productive hours')	2,593,582
Professional Hourly rate** ('Total in professional hourly rates' divided by 'FTE converted to hours')	$300

*Calculation of offsetting receipts	Total	%	value
FOIA	$11,734	100%	$11,734
INDEMNITY	$0	100%	$0
TOTAL			$11,734

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

	FY23		FY22		Difference	
	Contract ($,K)	FTE	Contract ($,K)	FTE	Contract ($,K)	FTE
PROGRAM: NUCLEAR REACTOR SAFETY BUSINESS LINE: NEW REACTORS						
Travel						
International Activities Travel	0	0.0	300	0.0	(300)	0.0
Mission Travel	1,762	0.0	1,762	0.0	0	0.0
Support Staff						
Supervisory Staff	0	29.0	0	29.0	0	0.0
Admin Assistants	3	9.0	16	10.0	(13)	(1.0)
Non-Supervisory Staff	0	8.0	0	10.0	0	(2.0)
PROGRAM: NUCLEAR REACTOR SAFETY BUSINESS LINE: OPERATING REACTORS						
Travel						
International Activities Travel	756	0.0	756	0.0	0	0.0
Mission Travel	11,591	0.0	11,652	0.0	(61)	0.0
Recruitment & Staffing	0	8.0	0	8.0	0	0.0
Support Staff						
Supervisory Staff	0	174.5	0	175.0	0	(0.5)
Admin Assistants	592	83.5	852	84.0	(260)	(0.5)
Non-Supervisory Staff	1,699	59.0	976	57.0	723	2.0
Grand Total Nuclear Reactor Safety	16,403	371.0	16,314	373.0	89	(2.0)
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY BUSINESS LINE: FUEL FACILITIES						
Travel						
International Activities Travel	80	0.0	0	0.0	80	0.0
Mission Travel	662	0.0	658	0.0	4	0.0
Support Staff						
Supervisory Staff	0	10.0	0	10.0	0	0.0
Admin Assistants	1	2.0	1	2.0	0	0.0
Non-Supervisory Staff	0	2.0	0	2.0	0	0.0
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY BUSINESS LINE: NUCLEAR MATERIALS USERS						
Travel						
International Activities Travel	83	0.0	0	0.0	83	0.0
International Assistance Travel	332	0.0	332	0.0	0	0.0
Mission Travel	1,171	0.0	1,261	0.0	(90)	0.0
Support Staff						
Supervisory Staff	0	22.0	0	25.0	0	(3.0)
Admin Assistants	344	9.0	344	9.0	0	0.0
Non-Supervisory Staff	89	11.0	89	11.0	0	0.0
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY BUSINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE						
Travel						
Mission Travel	767	0.0	720	0.0	47	0.0
International Activities Travel	80	0.0	0	0.0	80	0.0
Support Staff						
Supervisory Staff	0	11.0	0	10.0	0	1.0
Admin Assistants	1	3.0	1	3.0	0	0.0
Non-Supervisory Staff	0	1.0	0	1.0	0	0.0
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY BUSINESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION						
Oversight						
Travel						
Mission Travel	470	0.0	470	0.0	0	0.0
International Activities Travel	120	0.0	0	0.0	120	0.0
Support Staff						
Supervisory Staff	0	11.0	0	11.0	0	0.0
Admin Assistants	1	2.0	1	2.0	0	0.0
Non-Supervisory Staff	0	2.0	0	2.0	0	0.0

Mission Program Indirect Budgeted Resources for Professional Hourly Rate Calculation

	FY23		FY22		Difference	
	Contract ($,K)	FTE	Contract ($,K)	FTE	Contract ($,K)	FTE
Grand Total Nuclear Materials & Waste Safety	4,201	86	3,877	88	324	(2.0)
Total Mission Program Indirect Resources	20,604	457.0	20,191	461.0	413	(4.0)
Total value of Mission Program Indirect Resources (FY 23 $20,604 contract funding + 457 FTE multiplied by S&B rates)	$ 20,604	$ 98,152	$ 20,191	$ 94,917	$ 413	$ 3,235

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

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

10 CFR Part 170 Fees

Specific Services

Section 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 ($300 for FY 2023). The agency estimates the average professional staff hours every other year as part of its biennial review of fees which was performed in FY 2023.

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

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

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

FY2023 Professional Hourly Rate
$300

Materials Part 170 Fee

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

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

FY2023 Professional Hourly Rate
$300

Materials Part 170 Fee

Category	FY 2023 Estimated Professional Process Time	FY 2023 Fee/Cost (Professional Time x FY 2023 Professional Hourly Rate)	FY 2023 Fee/Cost (Rounded)
3B. Mfg-Other			
Inspection Costs**	31.1	$9,322	$9,300
New License	12.9	$3,867	$3,900
3B1. Mfg-Other (sites 6-19)			
Inspection Costs**	41.4	$12,410	$12,400
New License	17.2	$5,156	$5,200
3B2. Mfg-Other (sites 20 or more)			
Inspection Costs**	51.8	$15,527	$15,500
New License	21.4	$6,415	$6,400
3C. Mfg/Distribution Radiopharmaceuticals			
Inspection Costs**	26.6	$7,973	$8,000
New License	18.7	$5,605	$5,600
3C1. Mfg/Distribution Radiopharmaceuticals			
Inspection Costs**	35.5	$10,641	$10,600
New License	24.9	$7,464	$7,500
3C2. Mfg/Distribution Radiopharmaceuticals			
Inspection Costs**	44.4	$13,309	$13,300
New License	31.0	$9,292	$9,300
3D. Distribution Radiopharmaceuticals/No Process			
Inspection Costs**	0	$0	$0
New License	0	$0	$0
3E. Irradiators/Self-Shielded			
Inspection Costs**	39.2	$11,750	$11,800
New License	11.5	$3,447	$3,400
3F. Irradiators < 10,000 Ci			
Inspection Costs**	15.7	$4,706	$4,700
New License	23.4	$7,014	$7,000
3G. Irradiators => 10,000 Ci			
Inspection Costs**	31.4	$9,412	$9,400
New License	223.2	$66,905	$66,900
3H. Exempt Distribution/Device Review			
Inspection Costs**	16.6	$4,976	$5,000
New License	23.9	$7,164	$7,200
3I. Exempt Distribution/No Device Review			
Inspection Costs**	17.5	$5,246	$5,200
New License	57.3	$17,176	$17,200

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

FY2023 Professional Hourly Rate
$300

Materials Part 170 Fee

Category	FY 2023 Estimated Professional Process Time	FY 2023 Fee/Cost (Professional Time x FY 2023 Professional Hourly Rate)	FY 2023 Fee/Cost (Rounded)
3J. General License Distribution/Device Review			
Inspection Costs**	10.5	$3,147	$3,100
New License	7.2	$2,158	$2,200
3K. General License Distribution/No Device Review			
Inspection Costs**	10.4	$3,117	$3,100
New License	4.1	$1,229	$1,200
3L. R&D-Broad			
Inspection Costs**	39.1	$11,720	$11,700
New License	19.7	$5,905	$5,900
3L1 R&D-Broad			
Inspection Costs**	52.1	$15,617	$15,600
New License	26.2	$7,854	$7,900
3L2 R&D-Broad			
Inspection Costs**	65.2	$19,544	$19,500
New License	32.7	$9,802	$9,800
3M. R&D-Other			
Inspection Costs**	31.7	$9,502	$9,500
New License	71.9	$21,552	$21,600
3N. Service License			
Inspection Costs**	28.9	$8,663	$8,700
New License	32	$9,592	$9,600
3O. Radiography			
Inspection Costs**	30.4	$9,113	$9,100
New License	70.3	$21,073	$21,100
3O1. Radiography			
Inspection Costs**	40.6	$12,170	$12,200
New License	93.7	$28,087	$28,100
3O2. Radiography			
Inspection Costs**	50.7	$15,198	$15,200
New License	117.2	$35,131	$35,100
3P. All Other Byproduct Material			
Inspection Costs**	24.1	$7,224	$7,200
New License	31.3	$9,382	$9,400
3P1. All Other Byproduct Material			
Inspection Costs**	32.2	$9,652	$9,700
New License	41.7	$12,500	$12,500

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

FY2023 Professional Hourly Rate
$300

Materials Part 170 Fee

Category	FY 2023 Estimated Professional Process Time	FY 2023 Fee/Cost (Professional Time x FY 2023 Professional Hourly Rate)	FY 2023 Fee/Cost (Rounded)
3P2. All Other Byproduct Material			
Inspection Costs**	40.2	$12,050	$12,100
New License	52.2	$15,647	$15,600
3R1. Radium-226 (less than or equal to 10x limits in 31.12)			
Inspection Costs**	24.2	$7,254	$7,300
New License	9.2	$2,758	$2,800
3R2. Radium-226 (more than 10x limits in 31.12)			
Inspection Costs**	16.2	$4,856	$4,900
New License	9	$2,698	$2,700
3S. Accelerator Produced Radionuclides			
Inspection Costs**	30.3	$9,083	$9,100
New License	51.1	$15,317	$15,300
4B. Waste Packaging			
Inspection Costs**	21	$6,295	$6,300
New License	24.9	$7,464	$7,500
4C. Waste-Prepackaged			
Inspection Costs**	14.2	$4,257	$4,300
New License	18	$5,396	$5,400
5. Well Logging			
5A. Well Logging			
Inspection Costs**	30.1	$9,023	$9,000
New License	16.5	$4,946	$4,900
6. Nuclear Laundries			
6A. Nuclear Laundry			
Inspection Costs**	21.7	$6,505	$6,500
New License	79.7	$23,890	$23,900
7. Human Use			
7A. Teletherapy			
Inspection Costs**	89.4	$26,798	$26,800
New License	40	$11,990	$12,000
7. Human Use			
7A1. Teletherapy			
Inspection Costs**	119.2	$35,731	$35,700
New License	53.2	$15,947	$15,900

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

FY2023 Professional Hourly Rate
$300

Materials Part 170 Fee

Category	FY 2023 Estimated Professional Process Time	FY 2023 Fee/Cost (Professional Time x FY 2023 Professional Hourly Rate)	FY 2023 Fee/Cost (Rounded)
7. Human Use			
7A2. Teletherapy			
Inspection Costs**	149.0	$44,663	$44,700
New License	66.4	$19,904	$19,900
7B. Medical-Broad			
Inspection Costs**	84	$25,179	$25,200
New License	31.2	$9,352	$9,400
7B1. Medical-Broad			
Inspection Costs**	112.0	$33,573	$33,600
New License	41.5	$12,439	$12,400
7B2. Medical-Broad			
Inspection Costs**	140.0	$41,966	$42,000
New License	51.8	$15,525	$15,500
7C. Medical-Other			
Inspection Costs**	23.7	$7,104	$7,100
New License	42.7	$12,800	$12,800
7C1. Medical-Other			
Inspection Costs**	31.6	$9,472	$9,500
New License	56.9	$17,056	$17,100
7C2. Medical-Other			
Inspection Costs**	42.2	$12,650	$12,600
New License	39.2	$11,750	$11,800
8. Civil Defense			
8A. Civil Defense			
Inspection Costs**	24.2	$7,254	$7,300
New License	9.2	$2,758	$2,800
9. Device, product or sealed source evaluation			
9A. Device evaluation-commercial distribution			
Application - each device	63.8	$19,124	$19,100
9B. Device evaluation - custom			
Application - each device	32.4	$9,712	$9,700
9C. Sealed source evaluation - commercial distribution			
Application - each source	19	$5,695	$5,700
9D. Sealed source evaluation - custom			
Application - each source	3.8	$1,139	$1,100

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

FY2023 Professional Hourly Rate
$300

Materials Part 170 Fee

Category	FY 2023 Estimated Professional Process Time	FY 2023 Fee/Cost (Professional Time x FY 2023 Professional Hourly Rate)	FY 2023 Fee/Cost (Rounded)
10. Transportation			
10B. Evaluation - Part 71 QA program			
Application - approval	14	$4,197	$4,200
17. Master Materials License[1]			
Inspection Costs**	476.4	$142,803	$142,800
New License	584.2	$175,117	$175,100

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.

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10 CFR Part 170 Fees

Export and Import Fees

Section III.A.2

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

FY 2023 MISSION DIRECT BUDGETED RESOURCES				
			IMPORT/EXPORT	
	TOTAL		ALLOCATIONS	
	CONTRACT		CONTRACT	
	$,K	FTE	$,K	FTE
NUCLEAR REACTOR SAFETY	103,822.3	1,685.0	0.0	0.0
NUCLEAR MATERIALS & WASTE SAFETY (no HLW/Gen Fund)	26,562.0	444.2	0.0	0.0
CORPORATE	162,588.0	579.0	0.0	0.0
INSPECTOR GENERAL(no DNSFB)	2,377.0	58.0		
SUBTOTAL - FEE BASE RESOURCE	295,349.3	2,766.2	0.0	0.0

Figures below in $, M (unless otherwise indicated)		
(1) FY 2023 ALLOCATIONS: equals $, K + FTE*FTE rate (shown below)		0.00
(2) LESS ESTIMATED PART 170 FEE COLLECTIONS		0.00
(3) PART 171 ALLOCATIONS (equals 1 - 2)		0.00
(4) GENERIC TRANSPORTATION RESOURCES (allocated)		
(5) NET PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4)		0.00
(6) FY 2023 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5)		0.00
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity)		0.00%
(8) LLW Surcharge		
(9) LLW Surcharge per licensee		
(10) Part 171 billing adjustments		0.00
(11) Adjustments:		0.00
(12) TOTAL FY 2023 ANNUAL FEE (equals 5+8+10+11)		0.00
(13) Number of Licensees		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	464,926			

Mission Direct Budgeted Resources Allocated to
Import-Export Fee Class

	FY23		FY22		Difference	
	Contract ($,K)	FTE	Contract ($,K)	FTE	Contract ($,K)	FTE
PROGRAM: NUCLEAR REACTOR SAFETY						
BUSINESS LINE: OPERATING REACTORS						
PRODUCT LINE/PRODUCTS:						
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						
PRODUCT LINE/PRODUCTS:						
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						
PRODUCT LINE/PRODUCTS:						
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						
PRODUCT LINE/PRODUCTS:						
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						
PRODUCT LINE/PRODUCTS:						
Total Direct Resources	0	0.0	0	0.0	0	0.0
Grand Total Nuclear Materials & Waste Safety	0	0.0	0	0.0	0	0.0
TOTAL	0	0.0	0	0.0	0	0.0
Total value of budgeted resources for fee class (mission direct FTE x full cost of FTE + mission direct contract $)	$0		$0		$0	

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

FY2023 Professional Hourly Rate
$300

Materials Part 170 Fee

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

DETERMINATION OF EXPORT AND IMPORT PART 170 FEES
FY 2023

FY 2023 Professional Hourly Rate = $300

Export and Import Part 170 Fees

Category	FY 2023 Estimated Professional Process Time	FY 2023 Fee/Cost (Professional Time x FY 2023 Professional Hourly Rate)	FY 2023 Fee/Cost (Rounded)
	(Hours)*		
10 CFR 170.21, Category K Subcategory			
1	0	0	0
2	0	0	0
3	0	0	0
4	0	0	0
5	0	0	0
10 CFR 170.31, Category 15 Subcategory			
A	0	0	0
B	0	0	0
C	0	0	0
D	0	0	0
E	0	0	0
F	0	0	0
G	0	0	0
H	0	0	0
I	0	0	0
J	0	0	0
K	0	0	0
L	0	0	0
M	0	0	0
N	0	0	0
O	0	0	0
P	0	0	0
Q	0	0	0
R	0	0	0

NOTES:

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

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

* In accordance with the Commission's substantive fee policy decision for FY 2023, 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.

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

FY2023 Professional Hourly Rate
$300

Materials Part 170 Fee

Category	FY 2023 Estimated Professional Process Time	FY 2023 Fee/Cost (Professional Time x FY 2022 Professional Hourly Rate)

DETERMINATION OF RECIPROCITY PART 170 FEES
FY 2023

NOTES:

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

FY 2023 Professional Hourly Rate: **$300**

Average inspection costs: **Reciprocity Part 170 Fee** **Fee Category 16**		**Avg Inspection Costs (Avg. no. of hours for insp. x professional hourly rate) Rounded**	**Total Amount**
Inspection (Average hours 34.4)		$10,300	
Number of Inspections Conducted for FY17-21	130		
	0		
Total	130		$334,750
Average for the 5 years	32.5		
Initial 241s (Average hours of inspection 2.3)		$700	
Number of Completions for FY17-21	846		
	0		
Total	846		$148,050
Average for the 5 years	211.5		
Revised 241s (Average hours of inspection 0.5)		$100	
Number of Completions for FY17-21	6209		
	0		
Total	6209		$155,225
Average for the 5 years	1552.25		

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

* data based on FY 2023 Biennial Review

10 CFR Part 170 Fees

General License Registration Fees

Section 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 2023

FY2023 Professional Hourly Rate
$300

Materials Part 170 Fee

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

DETERMINATION OF GENERAL LICENSE REGISTRATION FEE , FY 2023
(FEE CATEGORY 3Q)

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

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

Fees Collected for Prior Year

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

FEES COLLECTED FOR PRIOR YEAR

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

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

10 CFR Part 171 Annual Fees

Section 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

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

Low-Level Waste Surcharge for FY 2023 Proposed Rule update expected 3/23

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 2017 – 2021) based on the DOE MIMS Class. The following were the results as of 03/02/2022:

   Power Reactor: 76.1%
   Fuel Facilities: 7.9%
   Materials: 16.0%

   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: 76.1%
   Fuel Facilities: 7.9%
   Materials (NRC): 2.1%
   *Materials (AS): 13.9% *Allocate to Oversight of AS Fee Relief Category*

   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% - 13.9% = 86.1%).

   Power Reactor 76.1%/86.1% = 88.4**%**
   Fuel Facilities 7.9%/86.1% = 9.2**%**
   Materials (NRC) 2.1%/86.1% = 2.4**%**

10 CFR Part 171 Annual Fees

Operating Power Reactors

Section III.B.2.a

Table VI

The budgeted costs to be recovered through annual fees to power reactors are divided equally among the 93 power reactors licensed to operate. This results in a FY 2023 annual fee of $5,486,000 per reactor. Additionally, each power reactor licensed to operate would be assessed the FY 2023 spent fuel storage/reactor decommissioning annual fee of $267,000. This results in a total FY 2023 annual fee of $5,753,000 for each power reactor licensed to operate.

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

FY 2023 MISSION DIRECT BUDGETED RESOURCES				
				POWER REACTORS
	TOTAL		ALLOCATIONS	
	CONTRACT		CONTRACT	
	$,K	FTE	$,K	FTE
NUCLEAR REACTOR SAFETY	103,822.3	1,685.0	86,631.0	1,243.4
NUCLEAR MATERIALS & WASTE SAFETY (no HLW/Gen Fund)	26,562.0	444.2	5.0	1.3
CORPORATE	162,588.0	579.0	0.0	0.0
INSPECTOR GENERAL(no DNSFB)	2,377.0	58.0		
SUBTOTAL - FEE BASE RESOURCE	295,349.3	2,766.2	86,636.0	1,244.7

Figures below in $, M (unless otherwise indicated)				
(1) FY 2023 ALLOCATIONS: equals $, K + FTE*FTE rate (shown below)				665.3
(2) LESS ESTIMATED PART 170 FEE COLLECTIONS				160.2
(3) PART 171 ALLOCATIONS (equals 1 - 2)				505.2
(4) GENERIC TRANSPORTATION RESOURCES (allocated)				0.5
(5) NET PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4)				505.7
(6) FY 2023 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5)				665.8
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity)				85.07%
(8) LLW Surcharge				3.6
(9) LLW Surcharge per licensee				0.038
(10) Part 171 billing adjustments				1.0
(11) Adjustments:				0.0
(12) TOTAL FY 2023 ANNUAL FEE (equals 5+8+10+11)				510.2
(13) Number of Licensees				93
(14) Fee Per License (equals 12/13)				5.49
unrounded annual fee amount per license, actual $				5,486,491
rounded annual fee, actual $				5,486,000
FTE FULLY COSTED RATE (average based on budget data, actual $): See Determination of Hourly Rate for calculations	464,926			

Mission Direct Budgeted Resources Allocated to
Power Reactors Fee Class

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

Mission Direct Budgeted Resources Allocated to
Power Reactors Fee Class

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

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

OPERATING POWER REACTOR ANNUAL FEE
FY 2023

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

Westinghouse	47
General Electric	31
Combustion Engineering	10
Babcock & Wilcox	5
TOTAL REACTORS	93

DETERMINATION OF ANNUAL FEE:

TOTAL BUDGETED COSTS FOR OPERATING POWER REACTORS (PRIOR TO 10 CFR PART 170 & OTHER ADJUSTMENTS)	$665,329,722
ANNUAL FEE PER REACTOR (rounded) (BUDGETED COSTS DIVIDED BY 93 OPERATING POWER REACTORS)	$ 5,486,000
PLUS SPENT FUEL STORAGE/ REACTOR DECOMMISSIONING ANNUAL FEE	$267,000
TOTAL ANNUAL FEE PER LICENSE	$ 5,753,000

Reconcilation of Operating & New Reactor Business Line vs. Fee Class
(Dollars in thousands)

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

FTE rate $213,500 times 1450.1 FTEs; $220,820 times 227.8 FTEs ; $222,730 times 25.5 FTEs ; $236,910 times 59 FTEs (includes Salaries & Benefits only)			$ 379,777.3		
Total Business Line Budget (BL)	$ 110,894.0		$ 379,777.3	=	$ 490,671.3

	Power Reactor Fee Class (Proposed Fee Rule)	
Deductions from BL resources		
Event Response [5]	-	-
Generic Homeland Security [1]	-	(7.0)
International Activities [1]	(365.0)	(25.5)
Licensing [3], [5]	-	(68.9)
Oversight [3]	(469.0)	
Research	(7,200.0)	(37.0)
Rulemaking [3]	(1,414.0)	(21.7)
Mission Support/Supervisors [2]	(2,294.0)	(368.0)
Training [3]	(207.0)	(1.2)
Travel [2]	(14,004.0)	0.0
	($25,953.0)	(529.3)
Increases from Other resources		
Licensing [5]	1690.0	1.5
Oversight [4, 5]	5.0	6.3
Event Response [5]	0.0	1.5
Rulemaking [4]	0.0	0.0
State/Tribal/Federal Programs [4]	0.0	1.1
Training [4]	0.0	0.2
	$1,695.0	10.6
BL resources w/ fee rule allocations	$ 86,636.0	1,244.7

FTE fully costed rate $464.926 times 1,285.5 FTEs (includes Salaries, Benefits, indirect resources& agency support)			$ 578,693.4		
Total Fee Class Budget	$ 86,636.0		$ 578,693.4	=	$ 665,329.39
Variances	$ (24,258.0)	(519)	$ 198,916.1		$ 174,658.1

Notes:

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

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

Consumer Price Index* Trend Analysis

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

*Consumer Price Index (CPI-U) data is provided by the U.S. Department of Labor Bureau of Labor Statistic.
**Changes in the annual fees are based on the Consumer Price Index starting in fiscal year 2016.

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10 CFR Part 171 Annual Fees

Spent Fuel Storage/Reactor Decommissioning

Section III.B.2.b

Table VII

For FY 2023, budgeted costs of approximately $32.9 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 123 licensees, resulting in a FY 2023 annual fee of $267,000 per licensee.

FY 2023 MISSION DIRECT BUDGETED RESOURCES					
				SPENT FUEL STORAGE/	
				REACTOR DECOMM.	
	TOTAL			ALLOCATIONS	
	CONTRACT			CONTRACT	
	$,K	FTE		$,K	FTE
NUCLEAR REACTOR SAFETY	103,822.3	1,685.0		159.0	0.3
NUCLEAR MATERIALS & WASTE SAFETY (no HLW/Gen Fund)	26,562.0	444.2		4,477.0	82.0
CORPORATE	162,588.0	579.0		0.0	0.0
INSPECTOR GENERAL(no DNSFB)	2,377.0	58.0			
SUBTOTAL - FEE BASE RESOURCE	295,349.3	2,766.2		4,636.0	82.3

Figures below in $, M (unless otherwise indicated)	
(1) FY 2023 ALLOCATIONS: equals $, K + FTE*FTE rate (shown below)	42.9
(2) LESS ESTIMATED PART 170 FEE COLLECTIONS	11.7
(3) PART 171 ALLOCATIONS (equals 1 - 2)	31.2
(4) GENERIC TRANSPORTATION RESOURCES (allocated)	1.6
(5) NET PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4)	32.8
(6) FY 2023 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5)	44.5
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity)	5.68%
(8) LLW Surcharge	0.0
(9) LLW Surcharge per licensee	
(10) Part 171 billing adjustments	0.1
(11) Adjustments:	0.000
(12) TOTAL FY 2023 ANNUAL FEE (equals 5+8+10+11)	32.868
(13) Number of Licensees	123
(14) Fee Per License (equals 12/13)	0.267
unrounded annual fee amount per license, actual $	267,220
rounded annual fee, actual $	267,000
FTE FULLY COSTED RATE (average based on budget data, actual $): See Determination of Hourly Rate for calculations	464,926

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

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

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

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

SPENT FUEL STORAGE/REACTOR DECOMMISSIONING
ANNUAL FEE
FY 2023

LICENSES SUBJECT TO THE ANNUAL FEE:

Operating Power Reactor Licensees: 93

Power Reactors in Decommissioning or Possession Only Status with Fuel Onsite

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

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

Part 72 Licensees without a Part 50 License

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

Total Part 72 licenses: 4

The annual fee is determined by dividing the total budgeted costs of approximately $32.9 million by the total number of licensees (123). This results in an annual fee (rounded) of $267,000 per license.

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

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

FTE rate $222,730 times 99.1 FTEs (includes Salaries & Benefits only)			$ 22,072.5		
Total Business Line Budget (BL)	$ 5,022.0		$ 22,072.5	=	$ 27,094.5

	Spent Fuel Storage/ Reactor Decommissioning Fee Class (Proposed Fee Rule) Contract $	FTE
Deductions from BL resources		
Event Response [3]	0.0	0.0
Generic Homeland Security [1]	0.0	0.0
International Activities [1]	0.0	(1.5)
Licensing [3]	(1,397.0)	(17.6)
Oversight [3]	0.0	(1.6)
Mission Support/Supervisors [2]	(1.0)	(15.0)
Research [3]	0.0	0.0
Rulemaking [3]	0.0	0.0
State/Tribal/Federal Programs [3]	0.0	0.0
Training [3]	(113.0)	(1.0)
Travel [2]	(590.0)	0.0
	($2,101.0)	(36.7)
Increases from Other resources		
International Activites [4]	0.0	0.0
Licensing [4]	1303.0	8.8
Oversight [4]	8.0	10.9
Rulemaking [4]	0.0	0.0
Training [4]	404.0	0.2
	1715.0	19.9
BL resources w/ fee rule allocations	$ 4,636.0	82.3

FTE fully costed rate $464.926 times 85.6 FTEs (includes Salaries, Benefits, indirect resources& agency support)			$ 38,263.4		
Total Fee Class Budget	$ 4,636.0		$ 38,263.4	=	$ 42,899.41
Variances	$ (386.0)	(16.8)	$ 16,190.9		$ 15,804.9

Notes:

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

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

10 CFR Part 171 Annual Fees

Fuel Facilities

Section III.B.2.c
Table VIII
Table IX
Table X

The FY 2023 budgeted cost to be recovered in the annual fees assessment to the fuel facility class of licenses [which includes licensees in fee categories 1.A.(1)(a), 1.A.(1)(b), 1.A.(2)(a), 1.A.(2)(b), 1.A.(2)(c), 1.E., and 2.A.(1), under §171.16] is approximately $19.9 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 2023 MISSION DIRECT BUDGETED RESOURCES				
			FUEL FACILITY	
	TOTAL		ALLOCATIONS	
	CONTRACT		CONTRACT	
	$,K	FTE	$,K	FTE
NUCLEAR REACTOR SAFETY	103,822.3	1,685.0	5.0	0.0
NUCLEAR MATERIALS & WASTE SAFETY (no HLW/Gen Fund)	26,562.0	444.2	2,167.0	52.5
CORPORATE	162,588.0	579.0	0.0	0.0
INSPECTOR GENERAL(no DNSFB)	2,377.0	58.0		
SUBTOTAL - FEE BASE RESOURCE	295,349.3	2,766.2	2,172.0	52.5

Figures below in $, M (unless otherwise indicated)		
(1) FY 2023 ALLOCATIONS: equals $, K + FTE*FTE rate (shown below)		26.6
(2) LESS ESTIMATED PART 170 FEE COLLECTIONS		9.0
(3) PART 171 ALLOCATIONS (equals 1 - 2)		17.6
(4) GENERIC TRANSPORTATION RESOURCES (allocated)		1.9
(5) NET PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4)		19.4
(6) FY 2023 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5)		28.5
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity)		3.64%
(8) LLW Surcharge		0.4
(9) LLW Surcharge per licensee		
(10) Part 171 billing adjustments		0.0
(11) Adjustments:		0.0
(12) TOTAL FY 2023 ANNUAL FEE (equals 5+8+10+11)		19.9
(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	464,926	

Mission Direct Budgeted Resources for
Fuel Facilities Fee Class

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

FUEL FACILITY ANNUAL FEES
FY 2023

10 CFR Part 171 Amount		$19,441,654
Less Billing Adjustment		43,651
Less Recission Adjustment		0
	TOTAL	$19,485,305

	SAFETY	SAFEGUARDS	TOTAL	LLW	TOTAL ANNUAL FEE
Allocation of 10 CFR Part 171 Amount to Safety/Safeguards	$11,150,550	$8,334,755	$19,485,305	$370,108	$19,855,414

EFFORT FACTORS

FEE CATEGORY		NUMBER OF LICENSES	Safety	%	Safeguards	%	Total	%
1A(1)(a)	SSNM (HEU)	2	88	44.4%	91	61.5%	179	51.7%
1A(1)(b)	SNM (LEU)	3	70	35.4%	21	14.2%	91	26.3%
1A(2)(a)	LIMITED OPS (Paducah)	1	3	1.5%	11	7.4%	14	4.0%
1A(2)(b)	OTHERS (Gas centrifuge enrichment demonstration)	0	0	0.0%	0	0.0%	0	0.0%
1A(2)(c)	OTHERS (hot cell facility)	0	0	0.0%	0	0.0%	0	0.0%
1E	ENRICHMENT	1	16	8.1%	23	15.5%	39	11.3%
2A(1)	UF6 (Honeywell)	1	21	10.6%	2	1.4%	23	6.6%
	TOTAL	8	198	100.0%	148	100%	346	100%
	% of total		57.2%		42.8%			

ALLOCATION to CATEGORY

Fee Category		NUMBER OF LICENSES	(1) Safety	(2) Safeguards	(3) Total	(4) LLW	(5) TOTAL ANNUAL FEE PER LICENSE
1A(1)(a)	SSNM (HEU)	2	$4,955,800	$5,124,748	$10,080,548	$191,472	$5,136,010
1A(1)(b)	SNM (LEU)	3	3,942,114	1,182,634	5,124,748	$97,341	$1,740,696
1A(2)(a)	LIMITED OPS (Paducah)	1	168,948	619,475	788,423	$14,975	$803,398
1A(2)(b)	OTHERS (Gas centrifuge enrichment demonstration)	0	0	0	0	$0	$0
1A(2)(c)	OTHERS (hot cell facility)	0	0	0	0	$0	$0
1E	ENRICHMENT	1	901,055	1,295,266	2,196,321	$41,717	$2,238,038
2A(1)	UF6 (Honeywell)	1	1,182,634	112,632	1,295,266	$24,603	$1,319,869
		8	$11,150,550	$8,334,755	$19,485,305	$370,108	

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

Col 3 = Col 1 + Col 2

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

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

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

					PROCESSES																							
				FEE	SOLID				LIQUID		HEU DOWN		CONVERSION				ROD/		SCRAP/				SENSITIVE					
CATEGORY	LICENSEE		DOCKET	CATEGORY	UF6/METAL		ENRICHMENT		UF6		BLEND		POWDER		PELLET		BUNDLE		WASTE		HOT CELL		INFORMATION		SUBTOTALS		TOTAL	NOTE
					S	SG	S	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)	NOTE	70-03103	1E	5	1	5	10	1	1	0	0	0	0	0	0	0	0	5	1	0	0	0	10	16	23	39	Effort factors less than LES because it is a much smaller facility processing a much smaller amount of material. In addition, there will be no liquid sampling.
Fuel Fabrication (LEU)	Global Nuclear Fuels (SNM-1097)	-	70-01113	1A(1)(b)	5	1	1	0	1	1	0	0	5	1	5	1	1	1	5	1	0	0	1	1	24	7	31	
	Framatome (SNM-1227)	-	70-01257	1A(1)(b)	5	1	0	0	1	1	0	0	5	1	5	1	1	1	5	1	0	0	1	1	23	7	30	
	Westinghouse (SNM-1107)	-	70-01151	1A(1)(b)	5	1	0	0	1	1	0	0	5	1	5	1	1	1	5	1	0	0	1	1	23	7	30	
UF6 Conversion	Honeywell (SUB-526)	NOTE	40-03392	2A(1)	5	1	0	0	5	0	0	0	10	0	0	0	0	0	1	0	0	0	0	1	21	2	23	Honeywell effort factors for Liquid UF6 increased from 0 to 5 and Conversion Powder increased from 1 to 10 since they plan to resume full operations in March 2023.
	International Isotopes (SUB-1011)	NOTE	40-09086	2A(1)	5	1	0	0	5	5	0	0	1	0	0	0	0	0	1	0	0	0	0	1	-	-	-	International Isotopes is licensed, but not proceeding with construction and is not in operation.
Limited Operations	Centrus ACP (SNM-2011)	NOTE	70-07004	1A(2)(a)	1	1	1	5	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	5	3	11	14	Centrus ACP is licensed, but not operating. HALEU Demonstration Program December 2022, decreased from FY22 (fully operational). Scrap/waste (SG) decreased from 1 to 0 and Sensitive Information (SG) decreased from 10 to 5.
																							TOTALS		198	148	346	

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

Reconcilation of Fuel Facilties Business Line vs. Fee Class
(Dollars in thousands)

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

FTE rate $215,320 times 68.8 FTEs; $222,730 times 7.5 FTEs (includes Salaries & Benefits only)			$	16,484.5		
Total Business Line Budget (BL)	$	4,806.0	$	16,484.5	= $	21,290.5

	Fuel Facilities Fee Class (Proposed Fee Rule)	
Deductions from BL resources		
Generic Homeland Security [1]	(1,900.0)	(3.0)
International Activities [1]	0.0	(7.5)
Licensing [3]	0.0	0.0
Oversight [3]	-	0.0
Mission Support/Supervisors [2]	(1.0)	(14.0)
Training [3]	-	0.0
Travel [2]	(742.0)	0.0
	($2,643.0)	(24.5)
Increases from Other BL resources		
Oversight [4]	4.0	0.0
State/Tribal/Federal Programs [4]	0.0	0.5
Training [4]	5.0	0.2
	$9.0	0.7

BL resources w/ fee rule allocations	$	2,172.0	52.5			
FTE fully costed rate $*464,926* **ti**mes 52.5 FTEs (includes Salaries, Benefits, indirect resources & agency support)			$	24,408.6		
Total Fee Class Budget	$	2,172.0	$	24,408.6	= $	26,580.62
Variances	$	(2,634.0)	(23.8) $	7,924.1	$	5,290.1

Notes:

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

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

10 CFR Part 171 Annual Fees

Uranium Recovery Facilities

Section III.B.2.d

Table XI
Table XII
Table XIII
Table XIV

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

Of the required annual fee collections, $119,000 is assessed to DOE's Uranium Mill Tailings Radiation Control Act (UMTRCA) under fee category 18.B. The remaining $49,500 (rounded) would be recovered through annual fees assessed to the other licensees in this fee class (i.e., conventional mills, in-situ recovery facilities, 11e.(2) mill tailings disposal facilities (incidental to existing tailings sites.)

FY 2023 MISSION DIRECT BUDGETED RESOURCES				
			URANIUM RECOVERY	
	TOTAL		ALLOCATIONS	
	CONTRACT		CONTRACT	
	$,K	FTE	$,K	FTE
NUCLEAR REACTOR SAFETY	103,822.3	1,685.0	0.0	0.0
NUCLEAR MATERIALS & WASTE SAFETY (no HLW/Gen Fund)	26,562.0	444.2	0.0	1.7
CORPORATE	162,588.0	579.0	0.0	0.0
INSPECTOR GENERAL(no DNSFB)	2,377.0	58.0		
SUBTOTAL - FEE BASE RESOURCE	295,349.3	2,766.2	0.0	1.7

Figures below in $, M (unless otherwise indicated)		
(1) FY 2023 ALLOCATIONS: equals $, K + FTE*FTE rate (shown below)		0.790
(2) LESS ESTIMATED PART 170 FEE COLLECTIONS		0.623
(3) PART 171 ALLOCATIONS (equals 1 - 2)		0.167
(4) GENERIC TRANSPORTATION RESOURCES (allocated)		
(5) NET PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4)		0.167
(6) FY 2023 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5)		0.790
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity)		0.101%
(8) LLW Surcharge		0.000
(9) LLW Surcharge per licensee		
(10) Part 171 billing adjustments		0.001
(11) Adjustments:		0.000
(12) TOTAL FY 2023 ANNUAL FEE (equals 5+8+10+11)		0.169
(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	464,926	

Mission Direct Budgeted Resources for
Uranium Recovery Fee Class

	FY23			FY22			Difference	
	Contract ($,K)	FTE		Contract ($,K)	FTE		Contract ($,K)	FTE
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY								
BUSINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE								
PRODUCT LINE/PRODUCTS:								
Licensing								
Decommissioning Licensing Actions	0	0.5		121	0.8		(121)	(0.3)
Uranium Recovery Lic. Actions	0	1.0		25	0.6		(25)	0.4
Oversight								
Inspection	0	0.2		0	0.2		0	0.0
Total Direct Resources	0	1.7		146	1.6		(146)	0.1
Grand Total Nuclear Materials & Waste Safety	0	1.7		146	1.6		(146)	0.1
TOTAL URANIUM RECOVERY	0	1.7		146	1.6		(146)	0.1
Total value of budgeted resources for fee class(mission direct FTE x full cost of FTE + mission direct contract $)	$790			$848			($57)	

URANIUM RECOVERY ANNUAL FEES
FY 2023

	TOTAL
TOTAL ANNUAL FEE AMOUNT :	$168,586
TOTAL ADJUSTMENT:	0
TOTAL:	$168,586

GROUP 1
Calculation of DOE Annual Fee

Fee Category		contract $	FTE	FTE Rate	Less: Part 170 Receipts	Total Fee
18.B.	DOE UMTRCA Budgeted Costs:	$0	0.50	$464,926	-$118,913	$113,550
	10% x (Total Annual Fee Amount less UMTRCA)					$5,504
					Total:	$119,054
					DOE's Annual Fee Rounded:	$119,000

GROUP 2
Calculation of Annual Fee Amount for Remaining UR Licensees

	FY 2023 Total Fee
Remaining Annual Fee Amount:	$49,533
Total:	$49,533

CALCULATION OF ANNUAL FEE AMOUNTS BY CATEGORY:

		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
Type of Site	Fee Category	Number of Licenses	Category Benefit	Total Benefit Value	Percent	Total base annual fee	Annual Fee Per License Base	Adjustments	Total	FY 2023 Annual Fee Rounded
Conventional & Heap Leach Mills	2.A.(2)(a)	0	-	-	0%	$0	$0	$0	$0	**$0**
Basic In-situ Recovery Facilities	2.A.(2)(b)	1	190	190	100%	$49,533	$49,533	$0	$49,533	**$49,500**
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		1	190	190	100%	$49,533				

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 FY23 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

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.

Level of Regulatory Benefit- Scale of 0 to 10 (examples)	
None	0
Minor	2
Some	5
Significant	10

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

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

FTE rate $219,770 times 82.8 FTEs ; $244,500 times 4 FTEs (includes Salaries & Benefits only)			$	19,175.0		
Total Business Line Budget (BL)	$	4,685.0	$	19,175.0	=	$ 23,860.0

	Uranium Recovery Fee Class (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]	0.0	(2.0)
Licensing [3,5]	(2,278.0)	(36.4)
Oversight [3]	(462.0)	(23.4)
Mission Support/Supervisors [2]	(1.0)	(15.0)
Research [3]	(610.0)	(1.0)
Rulemaking [3]	(88.0)	(5.3)
State/Tribal/Federal Programs [3]	0.0	0.0
Training [3]	(399.0)	(2.0)
Travel [2]	(847.0)	0.0
	($4,685.0)	(85.1)
Increases from Other resources		
International Activites [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	$ -	1.7

FTE fully costed rate $464.926 times 1.7 FTE (includes Salaries, Benefits, indirect resources& agency support)			$	790.4		
Total Fee Class Budget	$	-	$	790.4	=	$ 790.37
Variances	$	(4,685.0)	(85.1)	$ (18,384.6)		$ (23,069.6)

Notes:

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

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

10 CFR Part 171 Annual Fees

Non-Power Production or Utilization Facilities

Section III.B.2.e

Table XV

Approximately $297,000 in budgeted costs is to be recovered through annual fees assessed to the non-power production or utilization facilities (NPUF) class of licenses for FY 2023. This required annual fee recovery amount is divided equally among the three NPUF licensees subject to annual fees, and results in a FY 2023 annual fee of $98,900 for each licensee.

FY 2023 MISSION DIRECT BUDGETED RESOURCES				
			NON POWER PRODUCTION	
			OR UTILIZATION FACILITIES	
	TOTAL		ALLOCATIONS	
	CONTRACT		CONTRACT	
	$,K	FTE	$,K	FTE
NUCLEAR REACTOR SAFETY	103,822.3	1,685.0	186.0	12.5
NUCLEAR MATERIALS & WASTE SAFETY (no HLW/Gen Fund)	26,562.0	444.2	1.0	0.0
CORPORATE	162,588.0	579.0	0.0	0.0
INSPECTOR GENERAL(no DNSFB)	2,377.0	58.0		
SUBTOTAL - FEE BASE RESOURCE	295,349.3	2,766.2	187.0	12.5

Figures below in $, M (unless otherwise indicated)	
(1) FY 2023 ALLOCATIONS: equals $, K + FTE*FTE rate (shown below)	5.999
(2) LESS ESTIMATED PART 170 FEE COLLECTIONS	5.751
(3) PART 171 ALLOCATIONS (equals 1 - 2)	0.248
(4) GENERIC TRANSPORTATION RESOURCES (allocated)	0.040
(5) NET PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4)	0.287
(6) FY 2023 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5)	6.038
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity)	0.008
(8) LLW Surcharge	0.000
(9) LLW Surcharge per licensee	
(10) Part 171 billing adjustments	0.009
(11) Adjustments:	0.000
(12) TOTAL FY 2023 ANNUAL FEE (equals 5+8+10+11)	0.297
(13) Number of Licensees	3
(14) Fee Per License (equals 12/13)	0.099
unrounded annual fee amount per license, actual $	98,914
rounded annual fee, actual $	98,900

FTE FULLY COSTED RATE (average based on budget data, actual $): See Determination of Hourly Rate for calculations	464,926			

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

	FY23		FY22		Difference	
	Contract ($,K)	FTE	Contract ($,K)	FTE	Contract ($,K)	FTE
PROGRAM: NUCLEAR REACTOR SAFETY						
BUSINESS LINE: OPERATING REACTORS						
PRODUCT LINE/PRODUCTS:						
Licensing						
Research & Test Reactors	170.0	10.5	182.0	12.7	(12.0)	(2.2)
Oversight						
Enforcement	0.0	0.5	0.0	0.0	0.0	0.5
Inspection	0.0	1.5	0.0	0.5	0.0	1.0
Rulemaking						
Rulemaking (PL)	0.0	0.0	0.0	0.2	0.0	(0.2)
Training						
Mission Training	16.0	0.0	16.0	0.0	0.0	0.0
Total Direct Resources	186.0	12.5	198.0	13.4	(12.0)	(0.9)
Grand Total Nuclear Reactor Safety	186.0	12.5	198.0	13.4	(12.0)	(0.9)
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: NUCLEAR MATERIALS USERS						
PRODUCT LINE/PRODUCTS:						
Oversight						
Inspection	1.0	0.0	1.0	0.0	0.0	0.0
Total Direct Resources	1.0	0.0	1.0	0.0	0.0	0.0
Grand Total Nuclear Materials & Waste Safety	1.0	0.0	1.0	0.0	0.0	0.0
TOTAL NON POWER PRODUCTION OR UTILIZATION FACILITY	187.0	12.5	199.0	13.4	(12.0)	(0.9)
Total value of budgeted resources for fee class (mission direct FTE x full cost of FTE + mission direct contract $)	5,998.6		6,071.6		(73.0)	

NON POWER PRODUCTION OR UTILIZATION FACILITIES (NPUF)

FY 2023 FEE RULE

DETERMINATION OF THE FY 2023 ANNUAL FEE:

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

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

DETERMINATION OF ANNUAL FEE

BUDGETED COSTS	$296,743
ANNUAL FEE PER LICENSE (rounded) (Budgeted costs divided by number of NPUF licensees subject to annual fee)	$98,900

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.

Reconcilation of Operating Reactor Business Line vs. NPUF Fee Class
(Dollars in thousands)

Product Lines	Operating Reactor Business Line (CBJ) Contract $	FTE
Event Response	6,917.0	49.0
Generic Homeland Security	0.0	7.0
International Activities	0.0	20.0
Licensing	7,460.0	380.1
Oversight	24,513.0	491.0
Rulemaking	400.0	30.0
Research	29,803.0	123.0
Mission Support/Supervisors	2,291.0	325.0
State/Tribal/Federal Programs	0.0	0.0
Training	4,414.0	45.0
Travel	12,267.0	0.0
	$ 88,065.0	1,470.1

FTE rate $213,500 times 1470.1 FTEs (includes Salaries & Benefits only)			$ 301,643.4			
Total Business Line Budget (BL)	$ 88,065.0		$ 301,643.4	=	$	389,708.4

	Non Power Production or Utilization Facilities Fee Class (Proposed Fee Rule)	
Deductions from BL resources		
Event Response [3]	(6,917.0)	$ (49.0)
Generic Homeland Security [1]	-	(7.0)
International Activities [1]	-	(20.0)
Licensing [3]	(7,290.0)	(369.6)
Oversight [3]	(24,513.0)	(489.0)
Research [1]	(29,803.0)	(123.0)
Rulemaking [3]	(400.0)	(30.0)
Mission Support/Supervisors [2]	(2,291.0)	(325.0)
Training [3]	(4,398.0)	(45.0)
Travel [2]	(12,267.0)	0.0
	($87,879.0)	(1,457.6)
Increases from Other resources		
Oversight [4]	1.0	0.0
Rulemaking [4]	0.0	0.0
State/Tribal/Federal Programs [4]	0.0	0.0
Training [4]	0.0	0.0
	$1.0	0.0
BL resources w/ fee rule allocations	$ 187.0	12.5

FTE fully costed rate $464.926 times 19.5 FTEs (includes Salaries, Benefits, indirect resources& agency support)			$ 5,811.6			
Total Fee Class Budget	$ 187.0		$ 5,811.6	=	$	5,998.58
Variances	$ (87,878.0)	(1,458)	$ (295,831.8)		$	(383,709.8)

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)

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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 2023 budgetary resources were allocated to this fee class and did not require an annual fee to be established.

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

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

FY 2023 MISSION DIRECT BUDGETED RESOURCES				
			RARE EARTH	
	TOTAL		ALLOCATIONS	
	CONTRACT		CONTRACT	
	$,K	FTE	$,K	FTE
NUCLEAR REACTOR SAFETY	103,822.3	1,685.0	0.0	0.0
NUCLEAR MATERIALS & WASTE SAFETY (no HLW/Gen Fund)	26,562.0	444.2	0.0	0.6
CORPORATE	162,588.0	579.0	0.0	0.0
INSPECTOR GENERAL(no DNSFB)	2,377.0	58.0		
SUBTOTAL - FEE BASE RESOURCE	295,349.3	2,766.2	0.0	0.6

Figures below in $, M (unless otherwise indicated)		
(1) FY 2023 ALLOCATIONS: equals $, K + FTE*FTE rate (shown below)		0.279
(2) LESS ESTIMATED PART 170 FEE COLLECTIONS		0.279
(3) PART 171 ALLOCATIONS (equals 1 - 2)		0.000
(4) GENERIC TRANSPORTATION RESOURCES (allocated)		
(5) NET PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4)		0.000
(6) FY 2023 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5)		0.279
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity)		0.00%
(8) LLW Surcharge		0.000
(9) LLW Surcharge per licensee		
(10) Part 171 billing adjustments		0.000
(11) Adjustments:		0.000
(12) TOTAL FY 2023 ANNUAL FEE (equals 5+8+10+11)		0.000
(13) Number of Licensees		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	464,926	

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

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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 $39.6 million in FY 2023 budgeted costs to be recovered in annual fees assessed to the approximately 2,400 diverse materials users licensees, the NRC continues to calculate the annual fees for each fee category within this class based on the 10 CFR Part 170 application fees and estimated inspection costs for each fee category. Because the application fees and inspection costs are indicative of the complexity of the material license, this approach provides a proxy for allocating the generic and other regulatory costs to the diverse fee categories. This fee calculation method also considers the inspection frequency (priority), which is indicative of the safety risk and resulting regulatory costs associated with the categories of licenses.

FY 2023 MISSION DIRECT BUDGETED RESOURCES				
			MATERIALS	
	TOTAL		ALLOCATIONS	
	CONTRACT		CONTRACT	
	$,K	FTE	$,K	FTE
NUCLEAR REACTOR SAFETY	103,822.3	1,685.0	2.0	0.0
NUCLEAR MATERIALS & WASTE SAFETY (no HLW/Gen Fund)	26,562.0	444.2	1,300.0	80.5
CORPORATE	162,588.0	579.0	0.0	0.0
INSPECTOR GENERAL(no DNSFB)	2,377.0	58.0		
SUBTOTAL - FEE BASE RESOURCE	295,349.3	2,766.2	1,302.0	80.5

Figures below in $, M (unless otherwise indicated)		
(1) FY 2023 ALLOCATIONS: equals $, K + FTE*FTE rate (shown below)		38.7
(2) LESS ESTIMATED PART 170 FEE COLLECTIONS		1.2
(3) PART 171 ALLOCATIONS (equals 1 - 2)		37.5
(4) GENERIC TRANSPORTATION RESOURCES (allocated)		2.0
(5) NET PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4)		39.5
(6) FY 2023 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5)		40.7
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity)		4.07%
(8) LLW Surcharge		0.1
(9) LLW Surcharge per licensee		
(10) Part 171 billing adjustments		0.05
(11) Adjustments:		0.0
(12) TOTAL FY 2023 ANNUAL FEE (equals 5+8+10+11)		39.6
(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	464,926	

Mission Direct Budgeted Resources for
Materials Fee Class

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

FY 2023 Materials Users Annual Fees

REBASELINE

License Fee Category	Billed at FY 2022	NUMBER OF LICENSES FY 2023 Billed at FY 2023 Fee	Less Agree. State Transfer Adjust	Total For FY 2023 (1)	Part 170 Fees($) Appl. (2)	Insp. (3)	Insp. Prior. (4)	Calc. of General Multiple (5)	Calc. of Insp. Multiple (6)	10 CFR Part 171 Base Fee Per License ($) General (7)	Unique (8)	Inspection (9)	Total Base Fee per license (10)	Adjustment per License LLW Surcharge (11)	Fee-Relief (12)	Total Exact Annual Fee per license (13)	Total Collections Base Fee ($,K) (14)	TOTAL ($,K) (15)	Number of Sm Entity	Real Sm Entity	Small Entity Subsidy	FY 2023 Annual Fee (Rounded)
								licenses x (Appl fee + insp fee/insp	licenses x insp fee/insp priority)	multiplier*(Appl fee + insp fee/insp priority) See below for	below for Calculation of Unique	multiplier*(insp fee/insp priority) See below for	(General+unique+Inspection)	Materials LLW Surcharge/ no. of	multiplier x (appl fee+insp fee/insp priority)See	(Total Base Fee+ LLW Surcharge + Fee-Relief)		Total Base Fee + LLW Surcharge + Fee-Relief)			annual fee and small entity fee x no. of small entities	5200
																						1000
SPECIAL NUCLEAR MATERIAL:																						
1C. Industrial Gauges	0	5	0	5.0	1,400	2,300	5	9300	2300	1716		802	2,518		0	2,518	13	13	0	0	-	**2,500**
1D. Other SNM less critical quantity	0	52	0	52.0	2,800	8,600	5	235040	89440	4171		2999	7,170	234	0	7,404	373	385	6	0	13,200	**7,400**
1F. Other SNM greater than critical quantity	2	3	0	3.0	2,800	1,800	3	10200	1800	3138		1046	4,184	234	0	4,418	13	13	0	0	-	**4,400**
SOURCE MATERIAL:																						
2B. Shielding	10	12	0	12.0	1,300	3,000	5	22800	7200	1753		1046	2,799		0	2,799	34	34	0	1	1,800	**2,800**
2C. Exempt Distribution/SM	29	35	0	35.0	6,400	8,400	5	282800	58800	7457		2929	10,385		0	10,385	363	363	8	4	79,200	**10,400**
2D. Distribution to General License/SM	0	1	0	1.0	3,000	4,700	5	3940	940	3636		1639	5,275		0	5,275	5	5	0	0	-	**5,300**
2E. Manufacturing Distribution	1	1	0	1.0	2,800	4,700	3	4367	1567	4030		2731	6,761		0	6,761	7	7	0	0	-	**6,800**
2F. Other Source Materials	65	64	0	64.0	2,800	9,600	4	332800	153600	4799		4184	8,983	234	0	9,217	575	590	7	0	28,000	**9,200**
BYPRODUCT MATERIAL:																						
3A. Manufacturing - Broad(Locations 1-5)	3	3	0	3.0	14,000	23,500	4	59625	17625	18341		10242	28,584	234	0	28,818	86	86	1	0	23,600	**28,800**
3A1. Manufacturing - Broad(sites 6-19)	1	1	0	1.0	18,600	31,300	4	26425	7825	24386		13642	38,028	234	0	38,262	38	38	0	0	-	**38,300**
3A2. Manufacturing - Broad (sites 20 or more)	1	1	0	1.0	23,300	39,100	4	33075	9775	30523		17042	47,564	234	0	47,799	48	48	0	0	-	**47,800**
3B. Manufacturing - Other	34	32	0	32.0	3,900	9,300	4	199200	74400	5745		4053	9,798	234	0	10,032	314	321	9	9	124,200	**10,000**
3B1. Manufacturing - Other (sites 6-19)	1	1	0	1.0	5,200	12,400	4	8300	3100	7660		5405	13,064	234	0	13,298	13	13	0	0	-	**13,300**
3B2. Manufacturing - Other (sites 20 or more)	1	1	0	1.0	6,400	15,500	4	10275	3875	9482		6756	16,238	234	0	16,472	16	16	0	0	-	**16,500**
3C. Radiopharmaceuticals - Manuf./Process	36	36	0	36.0	5,600	8,000	5	259200	57600	6644		2789	9,434	234	0	9,668	340	348	14	1	71,700	**9,700**
3C1. Radiopharmaceuticals - Manuf./Process (sites 6-19)	1	1	0	1.0	7,500	10,600	5	9620	2120	8878		3696	12,574	234	0	12,808	13	13	0	0	-	**12,800**
3C2. Radiopharmaceuticals - Manuf./Process (sites 20 or more)	1	1	0	1.0	9,300	13,300	4	12625	3325	11651		5797	17,448	234	0	17,682	17	18	0	0	-	**17,700**
3D. Radiopharmaceuticals - No Manuf./Process	0	0	0	0.0	0	0	3	0	0	0		0	0		0	0	0	0	0	0	-	**0**
3E. Irradiators - Self-Shield	43	36	0	36.0	3,400	11,800	5	207360	84960	5316		4114	9,430		0	9,430	339	339	0	0	-	**9,400**
3F. Irradiators - < 10,000 Ci	4	4	0	4.0	7,000	4,700	5	31760	3760	7327		1639	8,966		0	8,966	36	36	0	0	-	**9,000**
3G. Irradiators - > 10,000 Ci	7	7	0	7.0	66,900	9,400	2	501200	32900	66075		8194	74,269		0	74,269	520	520	0	1	73,300	**74,300**
3H. Exempt Distribution - Device Review	33	34	0	34.0	7,200	5,000	5	278800	34000	7567		1743	9,311		0	9,311	317	317	13	6	103,100	**9,300**
3I. Exempt Distribution - No Device Review	79	79	0	79.0	17,200	5,200	4	1461500	102700	17072		2266	19,339		0	19,339	1528	1528	15	11	412,800	**19,300**
3J. Gen. License - Device Review	6	6	0	6.0	2,200	3,100	5	16920	3720	2602		1081	3,683		0	3,683	22	22	0	1	2,700	**3,700**
3K. Gen. License - No Device Review	4	4	0	4.0	1,200	3,100	5	7280	2480	1680		1081	2,760		0	2,760	11	11	0	2	3,600	**2,800**
3L. R&D - Broad	46	43	0	43.0	5,900	11,700	4	379475	125775	8144		5099	13,243	234	0	13,478	569	580	1	1	20,800	**13,500**
3L(a). R&D - Broad(6-20 sites)	2	2	0	2.0	7,900	15,600	4	23600	7800	10889		6799	17,689	234	0	17,923	35	36	0	0	-	**17,900**
3L(b). R&D - Broad(21 or more sites)	1	1	0	1.0	9,800	19,500	4	14675	4875	13543		8499	22,042	234	0	22,276	22	22	0	0	-	**22,300**
3M. R&D - Other	80	75	0	75.0	21,600	9,500	5	1762500	142500	21687		3312	24,999	234	0	25,233	1875	1893	13	5	381,000	**25,200**
3N. Service License	55	54	0	54.0	9,600	8,700	4	635850	117450	10866		3792	14,658	234	0	14,893	792	804	11	9	231,800	**14,900**
3O. Radiography	67	65	0	65.0	21,100	9,100	1	1963000	591500	27870		15865	43,735		0	43,735	2843	2843	26	3	1,129,100	**43,700**
3O1. Radiography (sites 6-19)	3	3	0	3.0	28,100	12,200	1	120900	36600	37190		21269	58,460		0	58,460	175	175	0	0	-	**58,500**
3O2. Radiography (sites 20 or more)	1	1	0	1.0	35,100	15,200	1	50300	15200	46419		26499	72,918		0	72,918	73	73	0	0	-	**72,900**
3P. All Other Byproduct Materials	839	824	0	824.0	9,400	7,200	5	8932160	1186560	10004		2510	12,514		0	12,514	10312	10312	186	82	2,300,800	**12,500**
3P1. All Other Byproduct Materials (sites 6-19)	17	18	0	18.0	12,500	9,700	5	259920	34920	13326		3382	16,708		0	16,708	301	301	2	0	23,000	**16,700**
3P2. All Other Byproduct Materials (sites 20 or more)	9	9	0	9.0	15,600	12,100	5	162180	21780	16630		4219	20,849		0	20,849	188	188	0	0	-	**20,800**
3R1. Radium-226 (less than or equal to 10x limits in 31.12)	1	1	0	1.0	2,800	7,300	5	4260	1460	3931		2545	6,477		0	6,477	6	6	0	0	-	**6,500**
3R2. Radium-226 (more than 10x limits in 31.12)	1	1	0	1.0	2,700	4,900	3	4333	1633	3999		2848	6,846		0	6,846	7	7	0	0	-	**6,800**
3S. Accelerator Produced Radionuclides	18	20	0	20.0	15,300	9,100	2	397000	91000	18318		7932	26,251		0	26,251	525	525	7	1	173,000	**26,300**
WASTE DISPOSAL AND PROCESSING:																						
4A. Waste Disposal*	1	1	0	1.0	13,800	7900	3	16433	2633	15165		4591	19,756	234	0	19,991	20	20	0	0	-	**20,000**
4B. Waste Receipt/Packaging	16	19	0	19.0	7,500	6,300	2	202350	59850	9828		5492	15,320	234	0	15,554	291	296	3	0	31,200	**15,600**
4C. Waste Receipt - Prepackaged	1	1	0	1.0	5,400	4,300	3	6833	1433	6306		2499	8,805	234	0	9,039	9	9	1	0	3,800	**9,000**
WELL LOGGING:																						
5A. Well Logging	18	16	0	16.0	4,900	9,000	3	126400	48000	7290		5230	12,521		0	12,521	200	200	5	2	59,500	**12,500**
5B. Field Flooding Tracers Studies*	0	0	0	0.0			3	0	0	0		0	0	234	0	234	0	0	0	0	-	
NUCLEAR LAUNDRY:																						
6A. Nuclear Laundry	0	0	0	0.0			3	0	0	0		0	0		0	0	0	0	0	0	-	
HUMAN USE OF BYPRODUCT, SOURCE, OR SNM:																						
7A. Teletherapy	4	2	0	2.0	12,000	26,800	4	37400	13400	17257	0	11681	28,938		0	28,938	58	58	0	0	-	**28,900**
7A1. Teletherapy sites 6-19	1	1	0	1.0	15,900	35,700	4	24825	8925	22909	0	15560	38,469		0	38,469	38	38	0	0	-	**38,500**
7A2. Teletherapy sites 20 or more	1	1	0	1.0	19,900	44,700	4	31075	11175	28677	0	19482	48,160		0	48,160	48	48	0	0	-	**48,200**
7B. Medical - Broad	15	13	0	13.0	9,400	25,200	2	286000	163800	20302	0	21967	42,269	234	0	42,503	549	553	1	0	37,300	**42,500**
7B1. Medical - Broad sites 6-19	3	3	0	3.0	12,400	33,600	2	87600	50400	26947	0	29289	56,236	234	0	56,470	169	169	0	0	-	**56,500**
7B2. Medical - Broad sites 20 or more	1	1	0	1.0	15,500	42,000	2	36500	21000	33684	0	36611	70,295	234	0	70,529	70	71	0	0	-	**70,500**
7C. Medical Other	655	643	0	643.0	12,800	7,100	3	9752167	1521767	13996	0	4126	18,122		0	18,122	11653	11653	140	40	2,490,000	**18,100**
7C1. Medical Other sites 6-19	20	18	0	18.0	17,100	9,500	3	364800	57000	18703	0	5521	24,224		0	24,224	436	436	3	0	57,000	**24,200**
7C2. Medical Othersites 20 or more	1	1	0	1.0	11,800	12,600	3	16000	4200	14765	0	7322	22,088		0	22,088	22	22	0	0	-	**22,100**

FY 2023 Materials Users Annual Fees

REBASELINE																							
CIVIL DEFENSE:																							
	8A. Civil Defense	12	12	0	12.0	2,800	7,300	5	51120	17520	3931		2545	6,477		0	6,477	78	78	1	0	1,300	**6,500**
DEVICE, PRODUCT, OR SEALED SOURCE SAFETY EVALUATION:																							
	9A. Device/Product Safety Evaluation - Broad	108	107	0	107.0	19,100		5	2043700	0	17626		0	17,626		0	17,626	1886	1886	25	37	924,200	**17,600**
	9B. Device/Product Safety Evaluation - Other	4	4	0	4.0	9,700		5	38800	0	8952		0	8,952		0	8,952	36	36	0	0	-	**9,000**
	9C. Sealed Sources Safety Evaluation - Broad	32	31	0	31.0	5,700		5	176700	0	5260		0	5,260		0	5,260	163	163	15	3	14,400	**5,300**
	9D. Sealed Sources Safety Evaluation - Other	10	9	0	9.0	1,100		5	9900	0	1015		0	1,015		0	1,015	9	9	0	0	-	**1,000**
OTHER LICENSES:																							
	17. Master Material License	3	3	0	3.0	175,100	142,800	2	739500	214200	227479	0	124478	351,957	234	0	352192	1056	1057	0	0		**352,000**
	TOTAL	2408.0	2423.0	0.0	2423.0				32782668	5334168				1522442				39553	39649	513	219	8,815,400	Mat
																				0	0		Uranium recovery 2A2b
																		Total Small Entity Subsidy		513	219	8,815,400	
	FTE RATE:	$464,926															Total			732			
																	% of total Materials Users licensees			**30.21%**			

Calculation of UNIQUE (generic activities related to specific fee categories):

UNIQUE ACTIVITES IDENTIFIED FOR FY 2023

Total budgeted resources (FY 2023 unique activities=Part 35 Implementation)	0.0 (FTE)	$0.00 (CONTRACT COSTS)
Total cost (FTExFTE rate + any contract costs)	$0	
Percent of NRC materials licenses to the total materials licenses	12%	
Amount allocated to NRC materials licensees (% x total cost)	$0	
No. of affected NRC licenses (for FY 2023, Cats. 7A, 7B, & 7C, + those medical under Master Matls Licenses)	818.0	
Unique per license:	**$0**	

Total Part 171 (annual fee) amount, excluding fee-relief costs):	**$39,552,608**							
	FTE		FTE Rate				**Total**	
Inspection Amount (budgeted costs for materials inspections):	20.0	x	$464,926	=	$9,298,525	=	**$9,299,525**	

LLW Surcharge Amount (see FEE-RELIFE ACTIVITIES Sheet for further details):

Total LLW surcharge to be recovered	$4,022,917
Percentage to be recovered from materials licensees	2.4%
Amount to be recovered from materials licensees	$96,550
No. of affected licenses:	412.0
LLW Surcharge per license:	**$234**

Other Fee-Relief Amount (see FEE-RELIEF ACTIVITIES Sheet for further details):

Total other fee-relief to be recovered	$0
Percentage to be recovered from materials licensees	0.0%
Amount to be recovered from materials licensees	$0

	$K		$K		$K		$K
TOTAL GENERAL = TOTAL Part 171 amount less INSPECTION less UNIQUE:	39,553	-	9,300	-	0	=	**30,253**
ANNUAL FEE MULTIPLIER = TOTAL GENERAL /Total of Calc of Gen. Multiple col.:	30,253	/	32,783			=	**0.92**
INSPECTION MULTIPLIER=INSPECTION AMOUNT/Total Calc of Insp. Multiple col.:	$9,299,525	/	5,334			=	**1.74**
FEE-RELIEF MULTIPLIER=Fee-Relief amount to be adjusted for materials licensees/total of Calc of Gen. Multiple col.):	$0	/	32,783			=	**0.0000**

COL (5) = COL (1) * [COL (2) + COL (3)/COL (4)]

COL (6) = COL(1) * (COL (3)/COL (4))

COL (7) = GENERAL MULTIPLIER * [COL(2) + COL (3)/COL (4)]

COL (8) = (UNIQUE COSTS) / (NO. OF APPLICABLE LICENSES)

COL (9) = INSPECTION MULTIPLIER*(COL3/COL4)

COL (10) = COL (7) + COL(8)+COL(9)

COL (11) = LLW SURCHARGE =% Allocated * LLW Costs/# affected licenses

COL (12)=FEE-RELIEF MULTIPLIER*(COL(2)+(COL(3)/COL(4))

COL (13) = COL (10) + COL(11)+COL(12)

COL (14) = [COL (1) * COL (10)] /1000

COL (15) = [COL (1) * COL (13)] /1000

Reconcilation of Nuclear Materials Users Business Line vs. Fee Class
(Dollars in thousands)

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

	Nuclear Material User Fee Class (Proposed Fee Rule)				
Deductions from BL resources					
Event Response [3]	-	(2.4)			
Generic Homeland Security [1]	(6,666.0)	(13.0)			
International Activities [1]	(6,148.0)	(11.0)			
Licensing [3]	(811.0)	(8.0)			
Oversight [3]	(1,653.0)	(7.1)			
Mission Support/Supervisors [2]	(433.0)	(42.0)			
Research [3]	(500.0)	(2.0)			
Rulemaking [3]	(70.0)	(7.5)			
State/Tribal/Federal Programs [3]	(262.0)	(26.0)			
Training [3]	(686.0)	(2.5)			
Travel [2]	(2,286.0)	0.0			
	($19,515.0)	(121.5)			
Increases from Other BL resources					
State/Tribal/Federal Programs [4]	0.0	0.0			
Training [4]	2.0	0.0			
	2.0	0.0			
BL resources w/ fee rule allocations	$ 1,302.0	80.5			
FTE fully costed rate $464.926 times 80.5 FTEs (includes Salaries, Benefits, indirect resources& agency support)			$	37,426.5	
Total Fee Class Budget	$ 1,302.0		$	37,426.5	= $ 38,728.54
Variances	$ (19,513.0)	(121.5)	$	(4,967.3)	$ (24,480.3)

Notes:

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

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

10 CFR Part 171 Annual Fees

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 2023 MISSION DIRECT BUDGETED RESOURCES				
			TRANSPORTATION	
	TOTAL		ALLOCATIONS	
	CONTRACT		CONTRACT	
	$,K	FTE	$,K	FTE
NUCLEAR REACTOR SAFETY	103,822.3	1,685.0	3.0	0.1
NUCLEAR MATERIALS & WASTE SAFETY (no HLW/Gen Fund)	26,562.0	444.2	1,511.0	20.6
CORPORATE	162,588.0	579.0	0.0	0.0
INSPECTOR GENERAL(no DNSFB)	2,377.0	58.0		
SUBTOTAL - FEE BASE RESOURCE	295,349.3	2,766.2	1,514.0	20.7

Figures below in $, M (unless otherwise indicated)	
(1) FY 2023 ALLOCATIONS: equals $, K + FTE*FTE rate (shown below)	11.1
(2) LESS ESTIMATED PART 170 FEE COLLECTIONS	3.5
(3) PART 171 ALLOCATIONS (equals 1 - 2)	7.7
(4) GENERIC TRANSPORTATION RESOURCES (allocated)	-6.0
(5) NET PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4)	1.7
(6) FY 2023 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5)	5.2
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity)	0.66%
(8) LLW Surcharge	0.0
(9) LLW Surcharge per licensee	
(10) Part 171 billing adjustments	0.0
(11) Adjustments:	0.0
(12) TOTAL FY 2023 ANNUAL FEE (equals 5+8+10+11)	1.7
(13) Number of Licensees	1
(14) Fee Per License (equals 12/13)	1.732712
	(DOE's fee)
unrounded annual fee amount per license, actual $	1,732,712
rounded annual fee, actual $	1,733,000

FTE FULLY COSTED RATE (average based on budget data, actual $): See Determination of Hourly Rate for calculations	464,926

Mission Direct Budgeted Resources for Transportation Fee Class

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

TRANSPORTATION ANNUAL FEES

FY 2023

The total transportation budgeted costs of $7,677,974 to be recovered from annual fees (not including fee-relief adjustments) is to be obtained from two sources:

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

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

Fee Class	# CoCs	% CoCs	Transportation Resources to be included in annual fees	Resources in Millions
DOE	21.0	22.5%	$1,724,762	$1.7
Operating Reactors	6.0	6.4%	$492,789	$0.5
Spent fuel/reactor decom	19.0	20.3%	$1,560,499	$1.6
NPUF	0.5	0.5%	$39,741	$0.04
Fuel Facilities	23.0	24.6%	$1,889,025	$1.9
Materials Users	24.0	25.7%	$1,971,157	$2.0
Total	93.5	100.0%	$7,677,974	$7.7

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

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

FTE rate $222,730 times 99.1 FTEs (includes Salaries & Benefits only)			$ 22,072.5		
Total Business Line Budget (BL)	$ 5,022.0		$ 22,072.5	=	$ 27,094.5

	Transportation Fee Class (Proposed Fee Rule) Contract $	FTE
Deductions from BL resources		
Event Response [3]	0.0	0.0
Generic Homeland Security [1]	0.0	0.0
International Activities [1]	0.0	(1.5)
Licensing [3]	(838.0)	(40.2)
Oversight [3]	0.0	(16.1)
Mission Support/Supervisors [2]	(1.0)	(15.0)
Research [3]	(1,475.0)	(3.4)
Rulemaking [3]	(400.0)	(2.0)
State/Tribal/Federal Programs [3]	0.0	0.0
Training [3]	(207.0)	(1.0)
Travel [2]	(590.0)	0.0
	($3,511.0)	(79.2)
Increases from Other resources		
International Activites [4]	0.0	0.0
State/Tribal/Federal Programs [4]	0.0	0.5
Oversight [4]	2.0	0.1
Training [4]	2.0	0.2
	4.0	0.8
BL resources w/ fee rule allocations	$ 1,515.0	20.7

FTE fully costed rate $464.926 times 20.7 FTEs (includes Salaries, Benefits, indirect resources& agency support)			$ 9,624.0		
Total Fee Class Budget	$ 1,515.0		$ 9,624.0	=	$ 11,138.97
Variances	$ (3,507.0)	(78.4)	$ (12,448.6)		$ (15,955.6)

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)

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Regulatory Flexibility Analysis

Section IV.

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

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

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

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Budget Authority (FY 2023)

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

CROSSWALK OF BUSINESS LINES' ALLOCATION TO FEE CLASSES*

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

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

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

Budget Authority (FY 2023)

FY 2023 Budget Summary by Program

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

FY 2023 MISSION DIRECT BUDGETED RESOURCES												
					SPENT FUEL STORAGE/		NON POWER PRODUCTION					
			POWER REACTORS		REACTOR DECOMM.		OR UTILIZATION FACILITIES		FUEL FACILITY		MATERIALS	
	TOTAL		ALLOCATIONS		ALLOCATIONS		ALLOCATIONS		ALLOCATIONS		ALLOCATIONS	
	CONTRACT		CONTRACT		CONTRACT		CONTRACT		CONTRACT		CONTRACT	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
NUCLEAR REACTOR SAFETY	103,822.3	1,685.0	86,631.0	1,243.4	159.0	0.3	186.0	12.5	5.0	0.0	2.0	0.0
NUCLEAR MATERIALS & WASTE SAFETY (no HLW/Gen Fund)	26,562.0	444.2	5.0	1.3	4,477.0	82.0	1.0	0.0	2,167.0	52.5	1,300.0	80.5
CORPORATE	162,588.0	579.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INSPECTOR GENERAL(no DNSFB)	2,377.0	58.0										
SUBTOTAL - FEE BASE RESOURCE	295,349.3	2,766.2	86,636.0	1,244.7	4,636.0	82.3	187.0	12.5	2,172.0	52.5	1,302.0	80.5

FY 2023 MISSION DIRECT BUDGETED RESOURCES												
			TRANSPORTATION		URANIUM RECOVERY		RARE EARTH		IMPORT/EXPORT		INCLUDED IN	
	TOTAL		ALLOCATIONS		ALLOCATIONS		ALLOCATIONS		ALLOCATIONS		FEE-RELIEF ACTIVITIES	
	CONTRACT		CONTRACT		CONTRACT		CONTRACT		CONTRACT		CONTRACT	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
NUCLEAR REACTOR SAFETY	103,822.3	1,685.0	3.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	433.3	57.7
NUCLEAR MATERIALS & WASTE SAFETY (no HLW/Gen Fund)	26,562.0	444.2	1,511.0	20.6	0.0	1.7	0.0	0.6	0.0	0.0	12,550.0	111.1
CORPORATE	162,588.0	579.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INSPECTOR GENERAL(no DNSFB)	2,377.0	58.0										
SUBTOTAL - FEE BASE RESOURCE	295,349.3	2,766.2	1,514.0	20.7	0.0	1.7	0.0	0.6	0.0	0.0	12,983.3	168.8

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

FY 2023 MISSION DIRECT BUDGETED RESOURCES														
			ISL RULE/		GENERIC		MILITARY RADIUM		PUBLIC RADIUM					
			GEN LICENSEES/		DECOMMISS/		226		226					
	TOTAL		FELLOWSHIPS		RECLAIMATION						GENERIC LLW			
	CONTRACT		CONTRACT		CONTRACT		CONTRACT		CONTRACT		CONTRACT			
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE		
NUCLEAR REACTOR SAFETY	103,822.3	1,685.0	244.3	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
NUCLEAR MATERIALS & WASTE SAFETY (no HLW/Gen Fund)	26,562.0	444.2	251.0	4.5	1,860.0	32.6	0.0	2.0	0.0	0.4	350.0	7.9		
CORPORATE	162,588.0	579.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
INSPECTOR GENERAL(no DNSFB)	2,377.0	58.0												
SUBTOTAL - FEE BASE RESOURCE	295,349.3	2,766.2	495.30	9.50	1,860.00	32.60	0.00	2.00	0.00	0.40	350.00	7.90		