FY 2019 PROPOSED FEE RULE WORK PAPERS

FY 2019 Proposed Fee Rule Work Papers

The supporting information to the FY 2019 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 2019 Fee Collection A. Amendments to 10 CFR Part 170 1. Professional Hourly Rate.

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Office of Investigations

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Budget and Fee Recovery

Section III

Table I

The NRC's total budget authority for FY 2019 is \$911.0 million. The Excluded fee items include \$16.0 million for advanced reactor infrastructure, \$10.3 million for international activities, \$1.3 million for WIR activities, \$1.1 million for IG services for the Defense Nuclear Facilities Safety Board, and \$14.6 million for generic homeland security activities. Based on the 90 percent feerecovery requirement, the NRC will have to recover approximately \$781.9 million in FY 2019 through Part 170 licensing and inspection fees and Part 171 annual fees. The amount required by law to be recovered through fees for FY 2019 would be \$7.4 million less than the amount estimated for recovery in FY 2018, a decrease of 0.9 percent.

The FY 2019 fee recovery amount is increased by \$1.1 million to account for billing adjustments (i.e., for FY 2019 invoices that the NRC estimates will not be paid during the fiscal year, less payments received in FY 2019 for prior year invoices). This leaves approximately \$781.9 million to be billed as fees in FY 2019 through Part 170 licensing and inspection fees and Part 171 annual fees.

The NRC estimates that \$246.7 million would be recovered from Part 170 fees in FY 2019. This represents a decrease of \$34.1 million or approximately 12.1 percent as compared to the estimated Part 170 collections of \$280.8 million for FY 2018. The remaining \$535.2 million would be recovered through the Part 171 annual fees in FY 2019, which is an increase of \$26.7 million when compared to estimated Part 171 collections of \$508.5 million for FY 2018.

See Tab "Budget Authority (FY 2019)" for supplemental information on the distribution of budgeted FTE and contract dollars.

Budget and Fee Recovery
FY 2019
(\$ in Millions)
(Individual dollar amounts may not add to totals due to rounding)

NDO D. I. i.e. ii.		FY 2019
NRC Budget Authority		\$911.0
Less Excluded Fee Items		\$43.4
Balance		\$867.6
Fee Recovery Rate for FY 2018		x .90
Total Amount to be Recovered For FY 2018		\$780.8
USAID Rescission		\$0.0
Amount to be Recovered Through Fees and Other Receipts		\$780.8
Estimated amount to be recovered through Part 170 fees and other receipts	v.	\$246.7
Estimated amount to be recovered through Part 171 annual fees		\$534.1
Part 171 billing adjustments		\$1.1
Adjusted Part 171 annual fee collections required	•	\$535.2

Section III.A

Determination of Professional Hourly Rate

Section III.A.1

Table II

Proposed Professional Hourly Rate is \$278

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 2018) to determine if the annual direct hours worked per direct FTE estimate requires updating for the FY 2019 fee rule. Based on this review using actual time and labor data, the NRC determined that 1,510 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.

<u>Definitions of Professional Hourly Rate Components</u>

Mission-Direct Program Salaries and Benefits:

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

Mission-Indirect Program Support:

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

Agency Support (Corporate Support and the IG):

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

Offsetting Receipts:

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

Estimated Annual Mission Direct FTE Productive hours:

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

Total hours in mission business lines		• .			
Total hours in mission business lines + "Other Hours"		Total work hours in a year (2,087)	· =	Productive Hours Assumption	
2,478,954	T 7	Total work hours in a			
3,422,244	- X	year (2,087)	=	1,510	

- 2,087 hours is used to be consistent with OPM guidance and the Consolidated Omnibus Budget Reconciliation Act of 1985 when determining pay
- The primary increase in productivity assumption is attributed mainly by the decline in direct staff hours for general administration and training attendance.

DETERMINATION OF PROFESSIONAL HOURLY RATE CALCULATION OF FTE RATES BY PROGRAM

This is for the purpose of converting FTE to \$.	(1)	(2)	(2)/(1)
PROGRAM	Total FTE	Total S&B(\$,K):	FTE Rate (\$)
NUCLEAR REACTOR SAFETY	1,863	343,968	184,631
General Fo	ınd 56	10,402	185,757
NUCLEAR MATERIAL SAFETY (Less Excl. Fee Items & General Fund)	464	86,324	186,043
Excl. Fee Items & General Fo	ind 51	9,438	185,049
CORPORATE SUPPORT	609	109,404	179,645
Excl. Fee Items & General Fu	ind -	-	-
INSPECTOR GENERAL	58	10,092	174.000
тот	AL 3,101	569,628	N ₀

MISSION DIRECT RESOURCES

(in actual \$)	nonlabor	labor
NUCLEAR REACTOR SAFETY	\$94,120,000	\$265,499,723
NUCLEAR MATERIALS AND WASTE SAFETY	\$13,693,000	\$69,208,034
CORPORATE SUPPORT: FELLOWSHIPS/SCHOLARSHIPS	\$0	\$0
TOTAL	\$107,813,000	\$334,707,758

PROGRAM SUPPORT (or MISSION INDIRECT) RESOURCES

		•	• .
(in actual \$)	nonlabor		labor -
NUCLEAR REACTOR SAFETY (BUDGET PROGRAM)	\$19,803,000		\$78,468,277
NUCLEAR MATERIALS AND WASTE SAFETY (BUDGET PROGRAM)	\$5,228,000		\$17,115,966
TOTAL	\$25,031,000	•	\$95,584,242

AGENCY SUPPORT (or CORPORATE SUPPORT & IG) RESOURCES

(in actual \$)		nonlabor \$184,959,000	labor \$119,496,000
TOTALS			Total (\$)
Direct Labor	•		\$334,707,758
Direct Nonlabor (excl. from hourly rates)			\$107,813,000
Indirect Program Support Labor			\$95,584,242
Indirect Program Support Nonlabor			\$25,031,000
Agency Support: Corporate & OIG Labor			\$119,496,000
Agency Support: Corporate & OIG NonLabor		•	\$184,959,000
TOTAL			\$867,591,000

DETERMINATION OF PROFESSIONAL HOURLY RATE CONTINUED

Total included in professional ho			% total	value
Mission-Direct Program Salaries	& Benefits		44.05%	•
Mission-Indirect Program Suppor			15.88%	, ,
Agency Support: Corporate Supp	ort w/ Inspector General	· .	40.07%	· · · · · · · · · · · · · · · · · · ·
Total			100.00%	
less offsetting receipts*			. 100.0070	\$8,059
Total in professional hourly rate**				\$759,769,941
Mission-Direct FTE		•	· 'v	4.040
FTE rate- Full Costed** ('Total in	professional hourly rates' divide	d by 'Mission Direct ETE')		. 1,810
Annual Mission-direct FTE produc	ctive hours	a by Mission Direct FTE)	,	\$419,767
Mission-direct FTE converted to	OURS ('Mission Direct FTF' multi	nlied by	ý - 4	1,510
'Annual Mission direct FTE produ Professional Hourly rate** ('Total	ctive hours')		ırs')	2,733,100 \$278
*Calculation of offsetting receipts	t.		Total	
FOIA				value
		\$8,059		
INDEMNITY		Ψ0,009	100%	\$8,059
		\$0	100%	\$0
TOTAL			, 	\$8,059

^{**}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.

	FY1	9	FY18	3	Difference	ce.
	Contract (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	FTE
CORPORATE SUPPORT						
BUSINESS LINE: CORPORATE SUPPORT			 - - 			
Acquisitions	· · · · · · · · · · · · · · · · · · ·		 - - - - - - - 		-	
Mission IT	5,965	2.0	6,202	2.0	(237)	0.
Commodity Management	0	3.0	0,202	3.0	(237)	0.
Procurement Operations	156	43.0	156	43.0	, o	0.
Administrative Assistants	N Company	1.0	0	1.0	Ö	0.
Strategic Sourcing Supervisory Staff	0	0.0	0	0.0	0	0.
Travel	0	5.0	0	5.0	0	0.
Administrative Services	15	0.0	15	0.0	0	0.
Mission IT	2,498	1.0	2,841	2.0	(0.40)	
Supervisory Staff	2,100	10.0	2,041	10.0	(343)	<u>(1.</u>
Support Services	9,451	23.0	9,156	23.0	295	0. 0.
Administrative Assistants	295	2.0	295	2.0	. 0	0.
IT Infrastructure			0	0.0	0	0.
Corporate Rulemaking		1.0	. 0	1.0	0	0.0
Facility Management Non-Supervisory Staff	10,093	14.0	9,934	14.0	159	0.0
Physical & Personnel Security	108	6.0	108	6.0	0	0.0
Travel	14,439	18.0	14,315	18.0	124	0.0
Rent & Utilities	35,064	1.0	48	0.0	0	0.0
Financial Management	30,004	1.0	47,409	1.0	(12,345)	0.0
Mission IT	11,917	9.0	11,726	12.0	101	(0.6
Corporate Rulemaking	0	2.0	0	2.0	. 191	(3.0
Supervisory Staff	0	14.0	0	14.0	- 0	0.0
Budgeting	0	27.0	0	26.0	0	1.0
Administrative Assistants	85	4.0	85	4.0	0	0.0
Non-Supervisory Staff Travel	217	2.0	207	3.0	10	(1.0
Financial Services	39	0.0	95	0.0	(56)	0.0
Management controls	1,900	16.0	2,270	21.0	(370)	(5.0
Performance Management	646	25.0	646	21.0	0	4.0
Human Resource Management		0.0	0	0.0	0	0.0
Mission IT	1,028	3.0	1,039	2.0	(11)	
Supervisory Staff	0	5.0	0	5.0	(11)	1.0
Non-Supervisory Staff	162	2.0	162	2.0	0	0.0
Administrative Assistants	0	1.0	0	1.0	<u>_</u>	0.0
Travel	87	0.0	147	0.0	, (60)	0.0
Employee/Labor Relations Policy Development & SWP	15	5.0	15	5.0	0	0.0
Recruitment & Staffing	30	5.0	30	5.0	0	0.0
Work Life Services	6,598 2,156	18.0	5,914	22.0	684	(4.0)
nformation Management	2,100	5.0	2,156	5.0	. 0	0.0
Mission Training			0	00		
Content Management			0	0.0	0	0.0
Information Services			0	0.0	0	0.0
Information Security			0	0.0	0	0.0
nformation Technology						-0.0
IM Technologies	8,980	15	12,963	14	(3,983)	1.0
IT Infrastructure	51,054	68.0	42,308	74.0	8,746	(6.0)
IT applications infrastructure IT Security	0	0.0	2,624	5.0	(2,624)	(5.0)
Information Services	5,371	16.0	7,136	16.0	(1,765)	0.0
Information Security	2,085	18.0	1,807	17.0	278	1.0
Supervisory Staff	0	17.0	348	2.0	(348)	0.0
Non-Supervisory Staff	0	2.0	0	18.0 5.0		(1.0)
Travel	98	0.0	98	0.0	0	(3.0)
Administrative Assistants	424	1.0	408	1.0	16	0.0
Content Management	2,122	7.0	3,006	4.0	(884)	3.0
IT Strategic Management	4,167	28.0	802	20.0	3,365	8.0
utreach . Small Business & Civil Rights						
Outreach & Compliance Coord, Program	424	6.0	457	6.0	(33)	0.0
Supervisory Staff	429	2.0	462	3.0	. (33)	0.0

		Y19	-+			40	 	- Die	
	Contract (\$,i			+		/18	Difference		
	Contract (\$,	V) FIE	<u> </u>	110	Contract (\$,k) · FTE	Contract (\$,K) FTE	
Administrative Assistants	6	1 1	.0	1 -	61	4.0	 		
Non-Supervisory Staff		<u> </u>	.0	+		1.0		0 0	
Mission IT	3		.0	+	18			0	
Travel	3		.0	+	30				
Policy Support	 			++-		, 0.0	<u> </u>	0	
Mission IT	69	0 0	.0	+1-	614	0.0	76	+	
International Cooperation			.0	+	- 017				
International Policy Outreach	29		.0	⇈	265				
Performance Management			.0	+	· · 80				
Commission	70		_	11	70		17.	4	
Commission Appellate Adjudication	90			+-	90				
EDO Operations		8.		\vdash	10				
Policy Outreach	1.089			+-	1.005				
Secretariat	- 1,000			 	1,000		0		
Official Representation	25			H-	25		0		
Corporate Rulemaking				 	0				
Supervisory Staff	C				0	14.0			
Administrative Assistants	75			\vdash	55		20		
Non-Supervisory Staff	63				73	1.0			
Travel	824		\rightarrow	+	1.023	0.0	(10)	4	
Training	024	- 0.	4		1,023	0.0	(199)	0.0	
Mission IT	266	2.0	<u>. H</u>		. 263		 	 	
Training and Development	1,282			- -	1,382	2.0	.3	0.0	
Organizational Development	1,202		\rightarrow	+-	1,302	4.0	(100)		
Supervisory Staff	0			+-	0	2.0	0	0.0	
Administrative Assistants	i ö		-	+-	- 0	3.0	. 0	0.0	
IT Security	150		_	+	245	1.0	0	0.0	
Non-Supervisory Staff	150		_	+	245	0.0	(95)	0.0	
Travel	341	0.0		+		2.0	10	(1.0	
Business Process Improvements	0	0.0	\rightarrow	+	281_	0.0	60	0.0	
	·	0.0	' 	+	0	0.0	0	0.0	
Total Agency Support (Corporate Support and the IG)	 		+-+-	-	<u> </u>				
Resources	183,545	609	11	1	192,980	0.17			
	100,040	009	╂╂	+	192,960	617	(9,435)	(8.0	
T-t-1	 		+ +	┼					
Total value of Corporate Support Resources(FY19 \$183,545			11						
contract funding + 609 FTE multiplied by S&B rate)	\$ 183,545	\$ 109,404		\$	102.000	\$ 103,404	(0.405)		
	Ψ 100,040	Ψ 105,404	 -	Ψ-	192,960	\$ 103,404	(9,435)	6000.0	
		 	+	 	-:	- <u>·</u>			
Office of Inspector General	1,414	58.0	\vdash	 	4.040	50.0			
	1,414	. 30.0	 	_	1,810	58.0	(396)	0.0	
Total value of the Office of Inspector General			-	 				<u> </u>	
Resources(\$1,414 contract funding + 58 FTE multiplied by					ļ		1		
S&B rate)	\$ 1,414	\$ 10.092	11	\$	4 040				
·	<u> </u>	Ψ 10,092		1	1,810	\$ 9,918	(396)	174.0	
Total Agency Support (Corporate Support and the IG)			+	 -			<u> </u>		
Resources	\$ 184,959	\$ 119,496			104 700	6440.000			
	Ψ 104,509	\$ 118,49b		\$	194,790	\$ 113,322	(9,831)	6174.0	

	FY19 Contract (\$,K)	FTE	FY18 Contract (\$,K)	FTE	Differenc Contract (\$,K)	e FTE
PROCE AND FACE PROCESS	_					
PROGRAM: NUCLEAR REACTOR SAFETY BUSINESS LINE: NEW REACTORS	1		•			
International Activities	j					
Licensing Export/Import	a.					
International Technical Cooperation	0	0.0	0	0.0		
Licensing	.0	0.0	0	0.0	0	0.0
IT Infrastructure	0 .					
EDO Operations	0.	0.0 0.0	1,611	0.0	(1611)	. 0.0
Policy Outreach	Ö	0.0	0	1.0	0	(1.0)
Business Process Improvements	ō	0.0	0	2.0 0.0	0	(2.0)
Training	• •	0.0	U	0.0	. 0	0.0
Training and Development Travel	0	0.0	. 0	0.0	0	0.0
			Ū	0.0	Ų	0.0
International Activities Travel	166	0.0	0 ·	0.0	166	0.0
Mission Travel Travel	2,120	0.0	2,615	0.0	(495)	0.0
Support Staff	- 5	0.0	0	0.0	(4 <i>90)</i> 5	0.0
Supervisory Staff	•	,		,-	•	0.0
Support Services	0	49.0	. 0	50.0	0	(1.0)
Budgeting	0	0.0	0	0.0	Ö	0.0
HR Activities	0	0.0	. 0	0.0	o ·	0.0
Information Services	0	0.0	·, 0	0,0	0	0.0
Admin Assistants	0	0.0	0	0.0	0	0.0
Non-Supervisory Staff	550 0	24.0 12.0	700 48	24.0 12.0	(150)	0.0
PROGRAM: NUCLEAR REACTOR SAFETY BUSINESS LINE: OPERATING REACTORS Licensing RIC						
EDO Operations	0 . 0	0.0	718	2.0	(718)	(2.0)
Policy Outreach	0	0.0	. 0	3.0	. 0	(3.0)
Business Improvements	. 0	0.0 0.0	0	3.0		(3.0)
Oversight	. 0	0.0	0	0.0	ر 0	0.0
Mission IT	0	0.0	143	0.0		
IT Infrastructure	ŏ	0.0	5,577	0.0 0.0	(143)	0.0
Research	•	. 0.0	0,077	0.0	(5577)	0.0
Mission IT	0	0.0	629	0.0	(620)	0.0
Training	•		320	0.0	(629)	0.0
Training and Development Business Process Improvements	0 .	0.0	0	0.0	. 0.	0.0
Travel	0	0.0	Ö	1.0		1.0)
International Activities Travel						رو
Mission Travel	803	0.0	0	0.0	803	0.0
Support Staff	13,508	0.0	14,445	0.0		0.0
Supervisory Staff	,				· · · · · · · · · · · · · · · · · · ·	
Support Services		184.0	0	187.0	0 (3	3.0)
Budgeting	0	0.0	0 .	0.0	Y-	0.0
Procurement Operations	0	0.0	. 0	0.0	0 (0.0
Content Management	0	0.0 0.0	0	0.0		0.0
Information Services	0	0.0	0	0.0		0.0
Admin Assistants	975	91.0	1 202	0.0		0.0
Non-Supervisory Staff	1,676	65.0 :	1,302 2,139	93.0		2.0)
HR Activities	0	0.0	2,139 0	76.0	(463) (11	
	•	J.U	U.	0.0	0 0	.0
Grand Total Nuclear Reactor Safety	19,803 42	25.0	29,927 4	54.0	(10124) (29.	.0)

PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY	7		•			
BUSINESS LINE: FUEL FACILITIES	_	•				•
International Activities						
Export/import	. 0	0.0	0	1.0	0	(10)
Oversight	•					
IT Infrastructure Travel	0	0.0	. 407	0.0	(407)	0.0
International Activities Travel			•		• •	
Mission Travel	120	0.0	.0	0.0	120	0.0
Support Staff	981	0.0	1,101	0.0	(120)	0.0
Supervisory Staff	•	44.5	_			•
Support Services	. 0	14.0	. 0	16.0	. 0	(20)
Budget	0	0.0 0.0	0	0.0	0	0.0
Content Mgmt	, 0	0.0	0	0.0	0	0.0
Admin Assistants	268	4.0	268	0.0 4.0	0	0.0
Non-Supervisory Staff	82	2.0	266 82	4.0 2.0	0	0.0 0.0
ODOCDARS, MUCI PAR MATERIAL O AMPLIANCE					Ū	0.0
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY BUSINESS LINE: NUCLEAR MATERIALS USERS						
International Activities	1	•				
Export/Import	0	0.0	•			
Licensing	U	0.0	. 0	0.0	_. . 0	0.0
EDO Operations	0 .			4.5		
Policy Outreach	0	0.0 0.0	. 0	1.0	0	(1.0)
Oversight	U	0.0	0	1.0 ·	0	(1.0)
IT Infrastructure	0	0.0	000	0.0	(000)	
Travel	U	0.0	832	0.0	(832)	0.0
International Activities Travel	79	0.0	•			
International Assistance Travel	350	0.0	0	0.0	79	0.0
Mission Travel	1,334	0.0	0	0.0	350	0.0
Training	1,004	0.0	1,790	0.0	(456)	0.0
Business Process Improvements	0	0.0	^	4.0		-
Support Staff	. •	0.0	. 0	1.0	. 0	1.0
Supervisory Staff	. 0	25.0	. 0	24.0	•	
Support Services	. 0	0.0	0	0.0	0	1.0
Budget	ŏ	, 0.0	0	0.0	0	0.0
Content Mgmt	Ö	0.0	. 0	0.0	0	0.0 0.0
Admin Assistants	. 0	8.0	0	9.0	. 0	
HR Activities	. 0	. 0.0	ŏ	0.0	0	(1.0) 0. 0
Information Security	0 -	0.0	0 -	0.0	0	0.0
Information Services	0	0.0	: 0	0.0	. 0	0.0
Non-Supervisory Staff	497	10.0	497	11.0	Ŏ	(1.0)
ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						. ,
USINESS LINE: DECOMMISSIONING AND LOW LEVEL						
ASTE						
Licensing						
IT Infrastructure	0	0.0	346	0.0	(346)	0.0
Policy Outreach	0	0.0	0	1.0	0	(1.0)
Oversight			0	0.0	. 0	0.0
Travel					•	0.0
	700	0.0	797	0.0	(67)	0.0
Mission Travel	730				180	0.0
International Activities Travel	730 180	0.0	0	0.0		
International Activities Travel Support Staff		0.0	0	0.0	.00	0.0
International Activities Travel Support Staff Supervisory Staff						
International Activities Travel Support Staff Supervisory Staff Support Services	180	0.0 11.0 0.0	0 0 0	11.0	0	0.0
International Activities Travel Support Staff Supervisory Staff Support Services Budget	180 0	11.0	0	11.0 0.0	0 0	0.0 0.0
International Activities Travel Support Staff Supervisory Staff Support Services Budget Content Mgmt	180 0 0	11.0 0.0	0	11.0 0.0 0.0	0 0 0	0.0 0.0 0.0
International Activities Travel Support Staff Supervisory Staff Support Services Budget Content Mgmt Admin Assistants	180 0 0 0	11.0 0.0 0.0	0 0 0	11.0 0.0 0.0 0.0	0 0 0 (12)	0.0 0.0 0.0 0.0
International Activities Travel Support Staff Supervisory Staff Support Services Budget Content Mgmt	180 0 0 0 0	11.0 0.0 0.0 0.0	0 0 0 12	11.0 0.0 0.0	0 0 0	0.0 0.0 0.0

PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY BUSINESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION						
Licensing	. .					.•
IT Infrastructure	0	0.0	40=			
Policy Outreach	. 0	0.0	. 405	0.0	(405)	0.0
Oversight	.0.	0.0	0	1.0	0.	(1.0)
Travel			. 0.	0.0	0	0.0
Mission Travel	404		` <u>.</u>			
International Activities Travel	461	0.0	519	0.0	(58)	0.0
Support Staff	120	0.0	. 0	0.0	120	0.0
Supervisory Staff						
Support Services	Ü	11.0	0	. 11.0	0	0.0
Content Mgmt	0	0.0	0	0.0	0	0.0
Budget	0	0.0	14	0.0	(14)	0.0
Admin Assistants	0	0.0	0	0.0	` o′	0.0
Non-Supervisory Staff	0	2.0	. 0	2.0	0	0.0
14011-Supervisory Stair	14	2.0	. 0	3.0	14	(1.0)
Grand Total Nuclear Materials & Waste Safety	5,228	. 92.0	7,070	103	(1842)	(11.0)
Total Mission Program Indirect Resources	25,031	517.0	36,997	557.0	(11966)	(40.0)
Total value of Mission Program Indirect Resources(FY 19 \$25,031 contract funding + 517 FTE multiplied by S&B rate)	\$ 25,031 \$	95,584	\$ 36,997 \$	97,995	(11966) (2	2440.71
)			,	0.,000	(11800) (2	2410.7)

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 (\$278 for FY 2019). The agency estimates the average professional staff hours every other year as part of its biennial review of fees which was performed in FY 2019.

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

FY2019 Professional Hourly Rate \$278

Materials Part 170 Fee				
n.		EV 2040	EV 0040 E/04	
	,	FY 2019	FY 2019 Fee/Cost	FY 201
Cotogon		Estimated	(Professional Time x	Fee/Co
Category		Professional	FY 2019 Professional	(Rounde
v.		Process Time	Hourly Rate)	(Modifice
4. Constal Number 2014 1 1		(Hours)*	,	
1. Special Nuclear Material		·		
1C. Industrial Gauges				
Inspection Costs**		7.7	\$2,141	\$2,100
New License	•	4.6	\$1,279	
Tron Elbonob	•	-4.0 .	\$1,279	\$1,300
		•	• •	
4D All Other Child be death 1				
1D. All Other SNM Material, less critical mass			•	
Inspection Costs**	•	23.1	\$6,422	\$6,400
Nëw License		9.3	\$2,585	\$2,600
		0.0	Ψ2,565	Φ2,000
		*	• .	
		•		
2. Source Material		_		
2B. Shielding			•	
Inspection Costs**		10	\$2,780	\$2,800
New License		4.4		
IACM FICHISE		4.4	\$1,223	\$1,200
i ,	•	•		
		,		
2C. Exempt Distribution/SM		٠.	•	
Inspection Costs**		14.5	\$4,031	\$4,000
New License		15.5		
		10.0	\$4,309	\$4,300
			-	
	•	•		
2D. General License Distribution		•	•	•
Inspection Costs**		15.6	\$4,337	\$4,300
New License		9.9	\$2,752	
		0.0	φ2,752	\$2,800
•				
OF 14		•		
2E. Manufacturing Distribution				
inspection Costs**	•	15.6	\$4,337	\$4,300
New License		9.5	\$2,641	
	•	0.0	φ2,041 ,	\$2,600
2F All Other Co #5-4-4-4-4		•		
2F. All Other Source Material				
Inspection Costs**	•	28.8	\$8,006	\$8,000
New License		9.5	\$2,641	\$2,600
		,	APIO.41	. Ψ2,000
9 D		•		
3. Byproduct Material			•	•
3A. Mfg-Broad Scope			,	
Inspection Costs**	*	57.7	\$16,040	\$16,000
New License		46.8	\$13,010	
		-10.0	ψ (Ο,Ο (Ο	\$13,000
2 Dunwaduni Mate-1-1				
3. Byproduct Material		٠,		
3A1. Mfg-Broad Scope		44		
Inspection Costs**		76.9	\$21,377	\$21,400
New License	•	62.2	\$17,291	\$17,300
		·	Ψιτικοι	φ11,300
3. Byproduct Material			•	•
3. byproduct material				
3A2. Mfg-Broad Scope			•	•
Inspection Costs**	•	96.2	\$26,742	\$26,700
New License		77.7	\$21,600	\$21,600
		,	4- 11000	Ψ <u>ε</u> 1,000
3B. Mfg-Other		•		
ing-other			.	
Inspection Costs**		33.9	\$9,424	\$9,400
New License		12.9	\$3,586	\$3,600

FY2019 Professional Hourly Rate \$278

Category	FY 2019 Estimated Profession	al FY 2019 Professional	FY 2019 Fee/Cos
	Process Tir	ne Hourly Rate) -	(Rounder
3B1. Mfg-Other (sites 6-19)	. · 		
Inspection Costs**	45.2	\$12,565	\$12,600
New License	17.2	\$4,781	\$4,800
3B2. Mfg-Other (sites 20 or more)			•
Inspection Costs**	56.5	\$15,706	£45 700
New License	21.4	\$5,949	.\$15,700 \$5,900
	# 11-T	ΨΟ,σ4σ	Ф 0,900
3C. Mfg/Distribution Radiopharmaceuticals		*	
Inspection Costs**	23.8	\$6,616	\$6,600
New License	18.7	\$5,198 , *	\$5,200
3C1. Mfg/Distribution Radiopharmaceuticals			
Inspection Costs**	31.7	60 040	
New License	24.9	\$8,812 \$6,922	\$8,800
	£-7.0	Ψ 0,3 22	\$6,900
3C2. Mfg/Distribution Radiopharmaceuticals			
Inspection Costs**	39.7	\$11,036	\$11,000
New License	/ 31.0	\$8,618	\$8,600
3D. Distribution Radiopharmaceuticals/No Process	1		
Inspection Costs**	0	\$n	60
New License	0	\$0 \$0	- \$0 \$0
	_	Ψ3	ΨΫ
0F 1 11 4 15 15			
3E. Irradiators/Self-Shielded Inspection Costs**			
New License	49.8	\$13,844	\$13,800
146W LICE1156	11.5	\$3,197	\$3,200
•			
3F. Irradiators < 10,000 CI	,		٠
Inspection Costs**	15.7	\$4,364	\$4,400
New License	23.4	\$6,505	
			\$6,500
	,		φ0,500
3G. Irradiators => 10.000 Ci	 -		φο,ουυ
3G. Irradiators => 10,000 Ci Inspection Costs**		\$4 227	,
3G. Irradiators => 10,000 Ci Inspection Costs** New License	15.6 223.2	\$4,337 \$62.047	\$4,300
Inspection Costs**	15.6	\$4,337 \$62,047	,
Inspection Costs** New License	15.6		\$4,300
Inspection Costs** New License 3H. Exempt Distribution/Device Review	15.6 223.2	\$62,047	\$4,300 \$62,000
Inspection Costs** New License 3H. Exempt Distribution/Device Review Inspection Costs**	15.6 223.2 14.1	\$62,047 \$3,920	\$4,300 \$62,000 \$3,900
Inspection Costs** New License 3H. Exempt Distribution/Device Review	15.6 223.2	\$62,047	\$4,300 \$62,000
Inspection Costs** New License 3H. Exempt Distribution/Device Review Inspection Costs** New License	15.6 223.2 14.1	\$62,047 \$3,920	\$4,300 \$62,000 \$3,900
Inspection Costs** New License 3H. Exempt Distribution/Device Review Inspection Costs** New License 3I. Exempt Distribution/No Device Review	15.6 223.2 14.1	\$62,047 \$3,920	\$4,300 \$62,000 \$3,900
Inspection Costs** New License 3H. Exempt Distribution/Device Review Inspection Costs** New License 3I. Exempt Distribution/No Device Review Inspection Costs**	15.6 223.2 14.1 23.9	\$62,047 \$3,920	\$4,300 \$62,000 \$3,900
Inspection Costs** New License 3H. Exempt Distribution/Device Review Inspection Costs** New License 3I. Exempt Distribution/No Device Review	15.6 223.2 14.1 23.9	\$62,047 \$3,920 \$6,644	\$4,300 \$62,000 \$3,900 \$6,600
Inspection Costs** New License 3H. Exempt Distribution/Device Review Inspection Costs** New License 3I. Exempt Distribution/No Device Review Inspection Costs**	15.6 223.2 14.1 23.9	\$62,047 \$3,920 \$6,644 \$4,031	\$4,300 \$62,000 \$3,900 \$6,600 \$4,000
Inspection Costs** New License 3H. Exempt Distribution/Device Review Inspection Costs** New License 3I. Exempt Distribution/No Device Review Inspection Costs** New License	15.6 223.2 14.1 23.9	\$62,047 \$3,920 \$6,644 \$4,031	\$4,300 \$62,000 \$3,900 \$6,600 \$4,000
Inspection Costs** New License 3H. Exempt Distribution/Device Review Inspection Costs** New License 3I. Exempt Distribution/No Device Review Inspection Costs**	15.6 223.2 14.1 23.9	\$62,047 \$3,920 \$6,644 \$4,031	\$4,300 \$62,000 \$3,900 \$6,600 \$4,000

FY2019 Professional Hourly Rate \$278

Materials Part 170 Fee		<u></u>		
materials Part 170 Fee		•		
Category		FY 2019 Estimated Professional Process Time	FY 2019 Fee/Cost (Professional Time x FY 2019 Professional	FY 2019 Fee/Cos (Rounder
			Hourly Rate)	<u> </u>
3K. General License Distribution/No Device Review				
Inspection Costs**		40.4	****	_
New License		10.4 4.1	\$2,891	\$2,900
Now License		4.1	\$1,140	\$1,100
	٠.			
3L. R&D-Broad				
Inspection Costs**		40.4	\$11,231	£44 000
New License		19.7	\$5,476	\$11,200 \$5,500
			ΨΟ, 470	φ5,500
3L1 R&D-Broad				•
Inspection Costs**	•	53.9	\$14,984	\$15,000
New License	•	26.2	\$7,283	\$7,300
1			Ţ. J=00	Ψ1,000
3L2 R&D-Broad		•		
Inspection Costs**		67.3	\$18,709	\$18,700
New License		32.7	\$9,090	\$9,100
		•	. ,	40,100
		•		
3M. R&D-Other			•	
Inspection Costs**		23.8	\$6,616	\$6,600
New License	•	29.8	\$8,284	\$8,300
2N Coming Attacks				
3N. Service License Inspection Costs**				
New License		34.2	\$9,507	\$9,500
14cm Ficelise	•	32	\$8,896	\$8,900
·			•	
30. Radiography				
Inspection Costs**		28.4	¢7.00 <i>E</i>	
New License		22.8	\$7,895	\$7,900
	÷	٠.٠٠ ٠	\$6,338	\$6,300
301. Radiography				
Inspection Costs**		37.9	\$10,536	\$10,500
New License		30.4	\$8,451	\$8,500
			40, .0 ,	
3O2. Radiography			•	
Inspection Costs**		47.3	\$13,149	\$13,100
New License		38.0	\$10,564	\$10,600
	-		• • = - •	+ ,
3P. All Other Byproduct Material			•	
Inspection Costs**		24.5	\$6,811	\$6,800
New License	•	17	\$4,726	\$4,700
004 All 045 =	•	•		
3P1. All Other Byproduct Material				
Inspection Costs**		32.7	. \$9,090	\$9,100
New License		22.7	\$6,310	\$6,300
2D2 All Oaks Daniel				
3P2. All Other Byproduct Material				
Inspection Costs**	•	40.8	\$11,342	\$11,300
New License		28.3	\$7,867	\$7,90Ó

FY2019 Professional Hourly Rate \$278

Materials Part 170 Fee			
materials Part 1/0 Fee			
Category	FY 2019 Estimated	FY 2019 Fee/Cost (Professional Time x	FY 2019 Fee/Cost
Category	Professional	FY 2019 Professional	(Rounded
	Process Time	Hourly Rate)	(Mountaed
		<u> </u>	
2D4 Podium 200 flore than any 14 to the			
3R1. Radium-226 (less than or equal to 10x limits in	•	•	
31.12)		•	
Inspection Costs**	24.2	\$6,727	\$6,700
New License	9.2	\$2,557	\$2,600
,			•
3R2. Radium-226 (more than 10x limits in 31.12)	•	• .	
Inspection Costs**		*	
New License	16.2	\$4,503	\$4,500
Naw Ficaliza	9	\$2,502	\$2,500
•		•	•
3S. Accelerator Produced Radionuclides			
Inspection Costs**	24.6	00 To 1	
New License	31.6 51.1	\$8,784	\$8,800
11011 LICETISE	51.1	\$14,205	\$14,200
		•	
4B. Waste Packaging	*		
Inspection Costs**	23.5	CC EOO	40
New License	23.5 24.9	\$6,533 \$6,033	\$6,500
	44.3	\$6,922	\$6,900
4C. Waste-Prepackaged	•		
Inspection Costs**	14.2	\$3,947	63 000
New License	18	\$5,947 \$5,004	\$3,900 \$5,000
			φυ,υυυ
	•		
5. Well Logging		*	
5A. Well Logging			•
Inspection Costs**	33	\$9,174	\$9,200
New License	16.5	\$4,587	\$4,600
	•		4 .,000
		•	
6. Nuclear Laundries			
6A. Nuclear Laundry	•	,	
Inspection Costs**	21.7	\$6,032	\$6,00Ó
New License	79.7	\$22,156	\$22,200
·		•	
7. Human Use			
7A. Teletherapy Inspection Costs**			
	57.8	\$16,068	\$16,100
New License	40	\$11,120	\$11,100
7 Human Llea			
7. Human Use			
7A1. Teletherapy			
Inspection Costs**	77.1	\$21,433	\$21,400
New License	53.2	\$14,789	\$14,800
7. Human Use	•		
7. Human Use 7A2. Teletherapy		•	•
Inspection Costs**	00.0	000	
New License	96.3	\$26,770	\$26,800
New License	66.4	\$18,458	\$18,500

FY2019 Professional Hourly Rate \$278

Materials Part 170 Fee				
	٠.,	FY 2019 Estimated	FY 2019 Fee/Cost (Professional Time x	FY 2019
Category		Professional Process Time	FY 2019 Professional Hourly Rate)	Fee/Cos (Rounded
7B. Medical-Broad				•
Inspection Costs**		50.9	\$14,150	\$14,100
New License		31.2	\$8,673	\$8,700
		•		
7B1. Medical-Broad		. 4.*		
Inspection Costs**	•	67.9	\$18,875	\$18,900
New License		41.5	\$11,535	\$11,500
7B2. Medical-Broad				,
Inspection Costs**		84.8	\$23,573	\$23,600
New License		51.8	\$14,398	\$14,400
				Ψ1-1,-100
7C. Medical-Other		,		
Inspection Costs**		25	\$6,950	\$6,900
New License	•	23.6	\$6,561	\$6,600
7C1. Medical-Other		•		
Inspection Costs**		22.2		
New License	,	33.3 31.4	\$9,243 \$9,725	\$9,200
,,,,,,		31.4	\$8,725	\$8,700
7C2. Medical-Other				
Inspection Costs**	•	41.5	\$11,537	\$11,500
New License		39.2	\$10,890	\$10,900
•		•	•	,
8. Civil Defense		,		
8A. Civil Defense				
Inspection Costs**	• •	24.2	\$6,727	\$6.700
New License		9.2	\$2,557	\$6,700 \$2,600
•		. 0.2	Ψ2,001	Ψ2,000
` .			i	
9. Device, product or sealed source evaluation			•	
9A. Device evaluation-commercial distribution		•		
Application - each device		39	\$10,842	\$10,800
QR Dovice evaluation aveta-				
9B. Device evaluation - custom Application - each device		20.4		
Application - caon device		32.4	\$9,007	\$9,000
			·	
Sealed source evaluation - commercial distribution				
Application - each source		19	\$5,282	\$5,300
		•		40,000
			•	
9D. Sealed source evaluation - custom				-
Application - each source		3.8	\$1,056	\$1,100
	•		•	•
40 Tonna antaka				
10. Transportation 10B. Evaluation - Part 71 QA program				
Application - approval		45.4	£4.400	04.000
, Application - approval		15.1	\$4,198	\$4,200

FY2019 Professional Hourly Rate

	Materials Part 170 Fee	<u> </u>			
	Category		FY 2019 Estimated Professional Process Time		FY 2019 Fee/Cost (Rounded)
		÷.	:,	<u> </u>	. <u> </u>
<u> </u>	17. Master Materials License ¹	•			•
•	Inspection Costs**		445.6	\$123,872	\$123,900
NOTES:	New License		397	\$110,361	\$110,400

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 2019 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.

Export and Import Fees

Section III.A.2

Flat application fees are calculated by multiplying the average professional staff hours needed to process the licensing actions by the proposed professional hourly rate (\$278 for FY 2019). The agency estimates the average professional staff hours every other year as part of its biennial review of fees. The agency estimates the average professional staff hours every other year as part of its biennial review of fees which was performed in FY 2019.

Note: Because the FY 2019 enacted budget excludes international activities from the feerecoverable budget, 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) will not be charged fees under the proposed rule. To implement this, the NRC has revised fee categories K.1. through K.5. of § 170.21 and fee categories 15.A. through 15.R. of § 170.31 and included a new footnote in these tables.

Mission Direct Budgeted Resources Allocated to Import-Export Fee Class

		FY19		FY18		ice
	Contract (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	
PROGRAM: NUCLEAR REACTOR SAFETY						
BUSINESS LINE: NEW REACTORS	 					
DUSINESS LINE: NEW KEAUTORS				1		
PRODUCT LINE / PRODUCTS:						_
Total Direct Resources	0	0.0		0.0	0	<u> </u>
	-			-0.0		0
PROGRAM: NUCLEAR REACTOR SAFETY				- 1	 	
BUSINESS LINE: OPERATING REACTORS			· · · ·			
PRODUCT LINE/PRODUCTS:			7	<u> </u>		
International Activities			·			
Licensing Import/Export	0	. 0.0	0	0.0	0	0.
Total Direct Resources	0	0.0	0	0.0	0	0.
Crond Tatal Nucleus B				-		
Grand Total Nuclear Reactor Safety	0	0.0	0	0.0	0	0.
PROCEASE AND FAR MATERIALS						
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY					T	
BUSINESS LINE: FUEL FACILITIES PRODUCT LINE/PRODUCTS:						
International Activities					· · ·	
Licensing Import/Export						
Total Direct Resources	. 0	0.0	. 0	0.0	0	0.0
Total Direct Nesources	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						
Total Direct Resources	0	0.0	0	0.0	0	0,0
	0	0.0	0	0.0	0	0.0
ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
USINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE			 			
PRODUCT LINE/PRODUCTS:						
Total Direct Resources	- 0	0.0		- 0.0		
		0.0	0	0.0	0	0.0
ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY		-, - -				
USINESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION					 	
PRODUCT LINE/PRODUCTS:					 	
Total Direct Resources	. 0	0.0	0	0.0	0	0.0
				- 0.0		0.0
Grand Total Nuclear Materials & Waste Safety	0	0.0	0	0.0	0	0.0
						0.0
					 	
OTAL .				-+	 	_
DTAL	0	0.0	0	0.0	0	0.0
stal value of hydroted as a second of						
tal value of budgeted resources for fee class(mission direct FTE x full cost of FTE mission direct contract \$)					- - +	
mission direct contract \$)	\$0		\$0	_	\$0	
<u> </u>						

	DETERMINA	ATION OF EXPORT AND FY 2019	IMPORT PART 170	FEES	
FY	2018 Professional Hou		•	•	
Export and Import Part 170 Fees			FY 2019 Estimated	FY 2019 Fee/Cost (Professional Time x	FY 2019
	ategory —		Professional Process Time	FY 2019 Professional Hourly Rate)	Fee/Cost (Rounded)*
	10 CFR 170.21, Ca Sub	tegory K category	(Hours)*		
		1	65 ⁻	18,069	N/A
	•	2	35	9,730	N/A
		` 3	17	4,726	N/A
		4	17	4,726	N/A
	. ' '	5	10	2,780	N/A
	10 CFR 170.31, Cat	egory 15 category			
		A	65	18,069	N/A
		В	35	9,730	N/A
		С	17	4,726	N/A
		D	17	4,726	N/A
		E	18	5,004	N/A
		F	60	16,679	N/A
	•	G	30	8,340	N/A
		H	11	3,058	N/A
		i	1	278	N/A
	•	. J	60	16,679	N/A
	•	´K	30	8,340	N/A
		L .	15	4,170	N/A
	•	М	0	0	N/A
		N	٠ 0	Ŏ	N/A
		0	Ō	. 0	N/A
		P	0	Õ	N/A
	•	Q	0	Ö	N/A
•	•	R	5	1,390	N/A
TES:		_	· · · · · · · · · · · · · · · · · · ·	<u> </u>	
application fees and amendme	nt fees are the same for each	h subcategory because, per			
iscussion with IP representative mendment to the license.	es, the processing time is the	same for a new license or an			
inding: <\$1000 rounded to near	rest \$10,	•			
=or>\$1000 and <\$100.0	000 rounded to nearest \$100).			
=or>\$100,000 rounded	to nearest \$1,000	4	+		•
ata based on FY 2019 Bier			 		
VA based upon 2019 appro	HINGH I VEALERA		•		

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 2014 through 2017 data and the FY 2019 professional hourly rate. The FYs 2014-2017 reciprocity fee data was provided as part of the FY 2019 biennial review of fees.

DETERMINATION OF RECIPROCITY PART 170 FEES FY 2019

NOTES:

data based on FY 2019 Biennial Review

The reciprocity application and revision fees are determined using FYs 2014-2017 data*, and the FY 2019 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.

·F	Y.2	019	Profess	ional	Hourly	Rate:
----	-----	-----	----------------	-------	--------	-------

\$278

Average inspection costs: Reciprocity Part 170 Fee Fee Category 16		Avg Inspection Costs (Avg. no. of hours for insp. x professional hourly rate)	Total Amount
nspection		\$8,800	
Number of Inspections Conducted for FY14-1	7 78	φο,ουυ	
	, , , , , , , , , , , , , , , , , , ,	,	
Tota			\$171,600
Average for the 4 years			φινι,000
nitial 241s		\$600	
Number of Completions for FY14-17	7 846	7000	
	<u>o</u>		
Tota		•	\$126,900
Average for the 4 years	211.5		,
evised 241s	•	\$100	
Number of Completions for FY14-17	6209		."
	<u>0</u>		
Total			\$155,225
Average for the 4 years	1552.25		
APPLICATION FEE:			
Amount for inspections [Cost/Initial 241]	\$811		
Amount for initial filing of NRC Form 241[Cost/Initial 241]	\$600	•	
revisions to initial filing of NRC Form 241 [Cost/Initial 241]		•	
Total Application Fee			
Application Fee Rounded	\$2,100		

General License Registration Fees

Section III.A.2

This fee under byproduct material is for registration of a device(s) generally licensed under part 31 of this chapter.

DETERMINATION OF GENERAL LICENSE REGISTRATION FEE , FY 2019 (FEE CATEGORY 3Q)

NMSS GL Program		Total GL Resources	% Supporting Registrable GLs	Total Supporting Registrable GLs
budgeted FTE				
budgeted contract \$	Regions HQ			. ' 0.2 0
	Regions HQ	4		\$0 \$288,500
full cost of FTE total budgeted resources, NMSS GL Program (equ cost of FTE + contract \$)	als full	\$419,767		\$419,767
portion of budgeted resources associated w/fee ex- (nonprofit educational)	empt GLs			\$372,453 \$21,230
net to be recovered.	•			\$351,224
fee assuming 493 registrable GLs fee, rounded				\$712.42 \$700

Data based on the NRC budget documents and the 10/18 email from J.Rand(NMSS GL program).

Fees Collected for Prior Year

As part of the NRC's fees transformation, beginning with the FY 2018 final fee rule work papers, we have compared the FY 2018 actual Part 170 and Part 171 percentage of total collections with the estimated Part 170 and Part 171 percentage of total collections.

FEES COLLECTED FOR PRIOR YEAR

		LECTED FOR PRIOR TEA	IK.	
Fee Class	FY 2018 Actual Part 170-User Fees % of Total Collections for the Fee Class	FY 2018 Actual Part 171-Annual Fees % of Total Collections for the Fee Class	FY 2017 Estimated Part 170-User Fees % of Total Collections for the Fee Class	FY 2017 Estimated Part 171-Annual Fees % of Total Collections for the Fee Class
Fee Relief Activities	100%	0%	100%	
Operating Power Ractors	35%		36%	070
Spent Fuel Storage/Reactor		60 70	30%	64%
Decommissioning	28%	72%		,
Fuel Facilities	23%	770	30%	
Uranium recovery	80%	77%	25%	
Research and Test Reactors		20%	96%	4%
Rare Earth	81%	19%	84%	16%
Materials users	100%	0%	0%	0%
	3%	97%	3%	97%
Transportation	73%	27%	74%	
Export and Import Fees	100%	0%	0%	26%
Total	34%	66%	31%	0% 69%

As part of improving transparency of the fee setting process, NRC committed to providing more information to identify budgeted activities allocated to user fees or annual fees. The FY 2019 Congressional Budget Justification released on February 12, 2018, included which Products Lines may generally be annual or user fees for each business line.

In addition, 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).

Part 171 Annual Fees

Section III.B

Part 171 Annual Fees

Application of Fee-Relief Adjustment and LLW Surcharge

Section III.B.1

Table III
Table IV

The NRC applies the 10 percent of its budget that is excluded from fee recovery under OBRA-90, as amended (fee relief), to offset the total budget allocated for activities which do not directly benefit current NRC licensees. The budgeted resources for these fee-relief activities are totaled, and then reduced by the amount of the NRC's fee relief. Any difference between the fee relief and the budgeted amount of these activities results in a fee relief adjustment (increase or decrease) to all licensees' annual fees, based on their percent of the budget (the majority is allocated to power reactors each year).

The FY 2019 budgeted resources for NRC's fee-relief activities are \$86.6 million. The NRC's 10 percent fee relief amount in FY 2019 is \$86.8 million, leaving a \$0.2 million fee-relief credit that will decrease all licensees' annual fees based on their percentage share of the budget.

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.

<u>Note:</u> For FY 2019, the enacted budget excludes international activities from the fee-recoverable budget. This includes conventions and treaty activities that are not attributable to an existing NRC licensee or class of licensees, and it included international cooperation activities that are not attributable to an existing NRC licensee or class of licensees.

Fee-Relief Activity-Rebaseline

FY 2019 FEE-RELIEF ACTIVITIES AND LLW GENERIC SURCHARGE

FTE rate: \$419,767

	DIRECT RI	ESOURCES	Less Part 170	FEE AMOUNT
	\$,W	FTE	materials decommissioning revenue, \$ M	(\$,M)
TOTAL NRC				
NONPROFIT EDUCATIONAL EXEMPTION	0.64	20.2		9.116
INTERNATIONAL ACTIVITIES	0.00	0.0		_
SMALL ENTITY SUBSIDY	0.00	0.0		0.00
AGREEMENT STATE OVERSIGHT	1.88	22.9		8.07 .
REGULATORY SUPPORT TO AGREEMENT STATES	2.89	·28.1	·	11.497
SL RULE/GENERAL LICENSEES/MOLY99/FELLOWSHIPS & SCHOLARSHIPS	15.94			14.684
DECOMMISSIONING/RECLAMATION GENERIC		26.4		27.03
MILITARY RADIUM 226	1.30	35.2	3.07	13.00
ION-MILITARY RADIUM 226	0.40	4.0		2.08
·	0.00	2.7		1.13
LLW GENERIC SURCHARGE	0.23	8.5		3.80
TOTAL	23.28	148.0	_ · _	90.40

To meet the 90% fee recovery requirement for FY 2018, the Fee-Relief Activities are reduced by 10% of NRC's FY 2019 net budget authority (appropriation less Non-Recoverable Fee Items1, as shown below)

	(\$,M)
Fee-Relief Activity (Total above less LLW generic surcharge) ²	86.61
Budget Authority minus Non-Fee Items	867.59
Percent reduction in fee recovery amount for FY 2019	10.0%
Reduction in annual fee recovery amount for FY 2019	86.76
Delta, Fee-Relief Activity (less generic LLW) and reduction in fee recovery amt	-0.153
Generic LLW Surcharge amount	3.797
Net adjustment to fee assessments	3.644

DISTRIBUTION OF ADJUSTMENT TO FEE ASSESSMENTS

				· AL / IOOLOOMIL	<u></u>
	· ·	LLW GENERIC SURCHARGE FEE-RELIEF ACTIVITIES		TOTAL ADJUSTMENT	
	PERCENT	\$,M	PERCENT	\$,M	\$,M
POWER REACTORS SPENT FUEL STORAGE/REACTOR DECOMMISSIONING TEST AND RESEARCH REACTORS FUEL FACILITIES MATERIALS TRANSPORTATION RARE EARTH FACILITIES URANIUM RECOVERY	74.4% 0.0% 0.0% 20.3% 5.3% 0	2.8 0 0 0.8 0.201 0	86.6% 4,7% 0.2% 4.0% 3.8% 0.6% 0.0%	-0.132 -0.007 0.000 -0.006 -0.006 -0.001 0.000	2.693560 -0.00716 -0.0003 0.7646 0.1955 -0.0009 0.0000
URANIUM RECOVERY	0 .	0 .	0.1% .	0.000	-0.0002
TOTAL	100.02	3.80	100.0%	-0.15	3.65

NOTES:

Non-Recoverable Fee Items: DNFSB, WIR , ARI, IA and generic homeland security

²Generic LLW activities are not considered a fairness and equity issue because licensees will benefit from these activities

FEE RELIEF ADJUSTMENT SUPPLEMENTAL

To meet the 90% fee recovery requirement for FY 2019, the Fee-Relief Activities are reduced by 10% of NRC's FY 2019 net budget authority (appropriation less Non-Recoverable Fee Items, as shown below)

	FY 2019 (\$,M)	FY 2018 (\$,M)	Variance (\$,M)
Fee-Relief Activity (Total previous page less LLW generic surcharge)	\$86.6	\$83.9	\$2.7
Budget Authority minus Excluded Fee Items	\$867.6	\$878.2	-\$10.6
Percent reduction in fee recovery amount for FY 2019	10.0%	10.0%	_
Reduction in annual fee recovery amount for FY 2019	\$86.8	\$87.8	-\$1.0
Delta, Fee-Relief Activity (less generic LLW) and reduction in fee recovery amount	-\$0.2	-\$3.9	\$3.7
Generic LLW Surcharge amount	\$3.8	\$3.4	\$0.4
Net adjustment to fee assessments	\$3.6	-\$0.5	\$4.1

^{*} individual values may not sum tot totals due to rounding.

Mission Direct Budgeted Resources Allocated to Nonprofit Education Exemption Fee-Relief Category

:						•	
					T		
		Y19		FY18		Differe	nce
	Contract (\$	K) FTE	Contract	(\$,K) FTE		Contract (\$,K)) FTE
PROGRAM: NUCLEAR REACTOR SAFETY					7		
BUSINESS LINE: NEW REACTORS			 	·	4	 	<u> </u>
PRODUCT LINE/ PRODUCTS:	[-	 		\dashv	 	·
Oversight	-		- 		-		
Allegations & Investigations		0 0.	ol l	0 0	.0	. 0	0.0
Construction Inspection		0 0.0		0 0	.0	0	0.0
Emergency Preparedness Enforcement		0 0.0			.0	0	0.0
Mission IT		0.0			.0	(0)	0.0
Part 50		0.0		0 0	_	0	0.0
Security		0.0		0 0.		0	0.0
Vendor Inspection		0.0		0 0.	_	0	0.0
Training		0.0		0 0.		0	0.0
Mission Training		0.0		0 0.		0	0.0
NSPDP Training	(0.0		0 0.	Ō	0	0.0
Total Direct Resources		0.0		0 0.	0	(0)	0.0
PROGRAM: NUCLEAR REACTOR SAFETY			<u> </u>	+	+	<u> </u>	
BUSINESS LINE: OPERATING REACTORS PRODUCT LINE/PRODUCTS:		- - 					
Licensing	-	+	 		\Box		
Research & Test Reactors	597	40.0	 		$\perp \downarrow$		
Oversight	597	12.3	45	53 12.5	11	144	(0.2)
Allegations & Investigations	0	0.0		0 0.0	+	0	0.0
Emergency Preparedness	0			0 0.0		0	0.0
Enforcement	1.1			1 0.0		. 0	0.0
Event Evaluation	0	0.0		0 0.0		Ö	0.0
Inspection	0			0.0		0	3.6
Mission IT Research & Test Reactor Insp.	0.6		0.			(0)	0.0
Security	- 0	7		0 2.7		0	(2.7)
Rulemaking	_ <u>0</u>	0.0		0.0	\sqcup	0	0.0
Rulemaking	0	0.0		0.0	\vdash		
Training		0.0	 -'	0.0		0	0.0
Fukushima NTTF	0	0.0	 	0.0	+	0.	0.0
Mission Training	17	` 0.0	31		\vdash	(13)	0.0
NSPDP Training	0	0.0			1	0	0.0
Total Direct Resources	615.7	16.0	484	15.2	I	131	0.8
Grand Total Nuclear Reactor Safety	615.7	16.0	484	15.2	+	131	0.8
ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY USINESS LINE: FUEL FACILITIES							
PRODUCT LINE/PRODUCTS: Total Direct Resources							
Total Direct Nesources	0	0.0	<u> </u>	0.0	+	0	0.0
OGRAM: NUCLEAR MATERIALS AND WASTE SAFETY							
PRODUCT LINE/PRODUCTS: Licensing	+ -				T		
Licensing Actions	0	1.3	2	 	+		
Licensing Support	1	0.0	0		+	(2)	(0.7)
Mission IT	0	0.0	1		-	(1)	0.0
Security	0	0.0	0	0.0	-	0	0.0
Oversight					\neg		
Allegations & Investigations Enforcement	0	0.6	0	0.5		0	0.1
	2.9	0.4	2.9	0.4	1_	0	0.0
			0	0.1	4.	0	0.1
Event Evaluation	0	0.2	40			0	0.2
	0 4.9	0.9	4.9	0.7	+		
Event Evaluation Inspection IT Infrastructure Mission IT	0		4.9 0	0.0	-	6	0.0
Event Evaluation Inspection IT Infrastructure Mission IT Security	0 4.9 6.0	0.9	0		-	6 0	0.0
Event Evaluation Inspection IT Infrastructure Mission IT Security Research	0 4.9 6.0 0	0.9 0.0 0.0 0.0	0	0.0	-	0	
Event Evaluation Inspection IT Infrastructure Mission IT Security Research Materials Research	0 4.9 6.0	0.9 0.0 0.0	0	0.0		0	0.0
Event Evaluation Inspection IT Infrastructure Mission IT Security Research Materials Research Rulemaking	0 4.9 6.0 0	0.9 0.0 0.0 0.0	0 0	0.0 0.0 0.0		0	0.0
Event Evaluation Inspection IT Infrastructure Mission IT Security Research Materials Research Rulemaking Rulemaking	0 4.9 6.0 0 0	0.9 0.0 0.0 0.0 0.0	0 0	0.0 0.0 0.0 0.0		0 0	0.0 0.0 0.0 (0.3)
Event Evaluation Inspection IT Infrastructure Mission IT Security Research Materials Research Rulemaking Rulemaking Rulemaking Support	0 4.9 6.0 0	0.9 0.0 0.0 0.0	0 0	0.0 0.0 0.0		0	0.0
Event Evaluation Inspection IT Infrastructure Mission IT Security Research Materials Research Rulemaking Rulemaking Rulemaking Support Training Mission Training	0 4.9 6.0 0 0	0.9 0.0 0.0 0.0 0.0 0.0	0 0 0	0.0 0.0 0.0 0.0 0.0		0 0 0	0.0 0.0 0.0 (0.3) 0.2
Event Evaluation Inspection IT Infrastructure Mission IT Security Research Materials Research Rulemaking Rulemaking Rulemaking Support	0 4.9 6.0 0 0	0.9 0.0 0.0 0.0 0.0	0 0 0	0.0 0.0 0.0 0.0		0 0	0.0 0.0 0.0 (0.3)

Mission Direct Budgeted Resources Allocated to Nonprofit Education Exemption Fee-Relief Category

•					1	
	FY19	9	FY1		Differe	<u></u>
	Contract (\$,K)		Contract (\$,K			
			Contract (\$,\)	FIE	Contract (\$,K)	FTE
PROCESANT MICH. To a second		· -				
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY	,			T:		
BUSINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE		T T	-	 	 	
PRODUCT LINE/PRODUCTS:					 	-
Total Direct Resources	0	0.0	. 0	0.0	0	0.
DDOCDARA NUOLEAD RESERVA				, 5.0	 	
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY				-		
BUSINESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION						
PRODUCT LINE/PRODUCTS:			1	· · —	† - '	
Licensing						
Emergency Preparedness	0	0.0	0	0.0	0	0.0
Environmental Reviews	0	0.0	0	0.0	- 0	0.0
Licensing Support	0	0.0	Ö	0.0	- 0	0.0
Mission IT	0	0.0	O	0.0	0	0.0
Security	0	0.0	0	0.0	0	0.0
Storage Licensing	0	0.0	0	0.0	- 0	0.0
Transportation Certification	0	0.3	0	0.3	1 0	0.0
Oversight	T		 	0.5	 	0.0
Inspection	0	0.0	0	0.0	0	
Rulemaking	—— <u> </u>		 	- 0.0	· · · · · · · · · · · · · · · · · · ·	0.0
Rulemaking (PL)	0	0.0	0	0.0	 	
Security	0	0.0	0	0.0	. 0	0.0
Travel		0.0		0.0	0	0.0
Mission Travel	0	0.0	0	0.0		<u> </u>
Training	- -	0.0	 	0.0	. 0	0.0
Mission Training	o	0.0	- 0	- -	l	
Total Direct Resources	- 0	0.3	- 0	0.0	0	0.0
		0.5	1 0	0.3	0	0.0
Grand Total Nuclear Materials & Waste Safety	20.8	4.2	17.4			
	20.0	4.2	17.4	4.6	3	(0.4
			 			
OTAL Nonprofit Education Exemption						
	636.5	20.2	. 502	19.8	135	0.4
otal value of budgeted resources for fee class(mission direct FTE x full			 			
ost of FTE + mission direct contract \$)	\$1,480		\$8,726			

Mission Direct Budgeted Resources Allocated to International Activities Fee-Relief Category

			···			
	FY19 Contract (\$,K)	FTE	FY18 Contract (\$,K)	FTE	Differen	
			Contract (\$,K)	FIE	Contract (\$,K)) F
PROGRAM: NUCLEAR REACTOR SAFETY BUSINESS LINE: NEW REACTORS	<u>:</u>					1
PRODUCT LINE/PRODUCTS:	****	<u> </u>			 	—
International Activities	<u> </u>	+	1 .			Τ.
International Cooperation	 	0.0	<u> </u>		 	_
Training	 	0.0	. 0	0.0	.0	├. -
Mission Training	. 0	0.0	0	0.0	0	
NSPDP Training Total Direct Resources	0		0	0.0	0	
Total Direct Nesources	. 0	0.0	0	0.0	0	
PROGRAM: NUCLEAR REACTOR SAFETY BUSINESS LINE: OPERATING REACTORS PRODUCT LINE/PRODUCTS:						-
International Activities	<u> </u>					
Conventions & Treaties	<u> </u>		ļ;			
International Cooperation	0	0.0	0	0.0	0	
Training		0.0	0	0.0	0	· -
Fukushima NTTF	0	0.0	Ö	0.0	0	
Mission Training NSPDP Training	.0	0.0	0	0.0	0	
Total Direct Resources	0	0.0	. 0	0.0	0	
. State Direct Mesophices	0	0.0	0	0.0	0	
Grand Total Nuclear Reactor Safety			<u> </u>			
	0	0.0	0	0.0	0	. (
ROGRAM: NUCLEAR MATÉRIALS AND WASTE SAFETY USINESS LINE: FUEL FACILITIES PRODUCT LINE/PRODUCTS:						
International Activities						
Conventions & Treaties	. 0	0.0		0.0		
Licensing Import/Export	0	0.0	0	0.0	0.	0
International Cooperation	. 0	0.0	0	0.0	. 0	- 0
Training Mission Training			0	0.0		_
NSPDP Training	. 0	0.0	0	0.0	0	0
Total Direct Resources	0	0.0	0	0.0	0	0.
OGRAM: NUCLEAR MATERIALS AND WASTE SAFETY SINESS LINE: NUCLEAR MATERIALS USERS PRODUCT LINE/PRODUCTS: International Activities International Technical Cooperation						
International Assistance	0	0.0	0	0.0	. 0	0.0
Travel	0	0.0	0	0.0	0	0.
International Activities Travel	0	0.0	0.	0.0	- 0	
Training		- 0.0		0.0	- · · · · ·	0.
Mission Training	0	0.0	0	0.0	0	0.
NSPDP Training Total Direct Resources	0	0.0	0	0.0	0	0.0
DORAM: NUCLEAR MATERIALS AND WASTE SAFETY SINES LINE: DECOMMISSIONING AND LOW LEVEL WASTE	0	0.0	0	0.0	0	0.0
PRODUCT LINE/PRODUCTS:						
nternational Activities		-++				
	. 0	0.0	0	1.0	0	14.0
Conventions & Treaties	0	0.0	- 0	1.0	0 .	(1.0 1.0
Mission Training				- 1.0		
Training Total Direct Resources	0	0.0	0	0.0	. 0	0.0
GRAM: NUCLEAR MATERIALS AND WASTE SAFETY INESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION	0	0.0	0	0.0	0	0.0
RODUCT LINE/PRODUCTS:			 -		-	
nternational Activities				- -		
International Technical Cooperation Conventions & Treaties	. 0	0.0	0	0.0	0	0.0
Conventions & Treaties Mission Travel	0	0.0	0	0.0	0	0.0
raining		_ -		0.0	0 /	0.0
Mission Training	0	0.0		0.0		
Total Direct Resources	- 0	0.0	0	0.0	0	0.0
			0	0.0	0	0.0
Grand Total Nuclear Materials & Waste Safety	0	0.0	0	0.0	0	0.0
		\rightarrow $=$				<u> </u>
	1		1		_]	

Mission Direct Budgeted Resources Allocated to International Activities Fee-Relief Category

					· · · · ·			
	FY19		-	FY18		_	Difference	ce
	Contract (\$,K)	FTE		Contract (\$,K)	FTE		Contract (\$,K)	FTE
TATAL W								
TOTAL INTERNATIONAL ACTIVITIES	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				
			ĺ				· ·	

Per the 2019 Appropriation International activities are off the Fee Base.

Mission Direct Budgeted Resources Allocated to Agreement State Oversight Fee-Relief Category

	FY19		FY1	3	Difference	
	Contract (\$,K)	FTE	Contract (\$,K)		Contract (\$,K)	FTE
PROGRAM: NUCLEAR REACTOR SAFETY		-		-		
BUSINESS LINE: NEW REACTORS			 	+ -+		+
PRODUCT LINE/PRODUCTS:		 	 	+	 	┼
Training	 -	+	+	 	 	├
Mission Training	1:	0 0.0	10	0.0	0	(
NSPDP Training		0.0			1 0	
Total Direct Resources	1	0.0	10		0	1
PROGRAM: NUCLEAR REACTOR SAFETY	L					
BUSINESS LINE: OPERATING REACTORS						
PRODUCT LINE/PRODUCTS:			 			
Oversight			 	-	 	
Mission Training	10	0.0	0	0.0	10	O
Training						
Mission Training NSPDP Training	26				(2)	0
Total Direct Resources					0	. 0
	36	0.2	28	0.2	8	0
Grand Total Nuclear Reactor Safety	46	0.2	38	0.2	 	
	40	0.2	38	0.2	8	0
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY		+	 	 - 		
BUSINESS LINE: FUEL FACILITIES		1		 	 	
PRODUCT LINE/PRODUCTS:						
Total Direct Resources		0.0	0	0.0	0	0.
ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY	<u> </u>					
BUSINESS LINE: NUCLEAR MATERIALS USERS	<u>·</u>			<u> </u>		
PRODUCT LINE/PRODUCTS:		 				
Oversight	·	++				
Allegations & Investigations	0	0.0	0	0.0	-	0.
Enforcement	0		- 0	0.0	0	0.
Event Evaluation	0	0.0	0	0.0	- 0	0.0
Inspection Mission IT	0		0	0.0	0	0.0
Security	· 0		0	0.0	. 0	0.0
Research	0	0.0	0	0.0	0	0.0
Materials Research		0.7	. 0	0.7		
State Tribal and Federal Programs		- 0.7			0	0.0
Agreement States	125	22.0	125	27.0	0	(5.0
Mission IT	137	0.0	187	0.0	(50)	0.0
Travel Agreement State Travel						
Training	1,090	0.0	1,159	0.0	(69)	0.0
Mission Training			ļ <u>.</u>			
NSPDP Training	0	0.0	0	0.0	0	0.0
Total Direct Resources	1,352	22.7	1,471	27.7	0 (110)	0.0
		,	1,4/1	21.1	(119)	(5.0
ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY			1			
JSINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE						
PRODUCT LINE/PRODUCTS: Licensing						
Decommissioning Licensing Actions			ļ — <u> </u>			
Uranium Recovery Lic. Actions	0	0.0	0	0.0	0	0.0
Training		0.0		0.0	0	0.0
Mission Training	446	0.0	356	0.0	90	. 00
Rulemaking			- 330	0.0	90	0.0
Rulemaking Support	. 0	0.0	0	0.0		
Total Direct Resources	446	0.0	356	0.0	90	0.0
OGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						-
SINESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION						
PRODUCT LINE/PRODUCTS:			 		· -	
Training			 			
Mission Training	40	0.0	0	0.0	40	0.0
Total Direct Resources	40	0.0	. 0	0.0	40	0.0
Chand Total Nucleus Services Control						
Grand Total Nuclear Materials & Waste Safety	1,838	22.7	1,827	27.7	11	(5.0)
			 	$ \downarrow$ \Box		
TAL AGREEMENT STATE OVERSIGHT	1,884	22.9	1,865	- 27.0		
	1,004	22.3	1,865	27.9	19	(5.0)
al value of budgeted resources for fee class(mission direct FTE x full cost			 	- - 		
TE + mission direct contract \$)	\$11,497		\$13,453		(\$1,957)	

Mission Direct Budgeted Resources Allocated to Agreement State Regulatory Support Fee-Relief Category

<u> </u>	FY1	9	FY1	В	Differer	nce
	Contract (\$,K		Contract (\$,K)		Contract (\$,K)	
ROGRAM: NUCLEAR REACTOR SAFETY		<u> </u>		-		
BUSINESS LINE: NEW REACTORS	-	 	-			<u> </u>
		ļ				$oldsymbol{ol}}}}}}}}}}}}}}}}}}$
PRODUCT LINE / PRODUCTS:						
Total Direct Resources	0	0.0	0	0.0	0	
ROGRAM: NUCLEAR REACTOR SAFETY		 		1		
USINESS LINE: OPERATING REACTORS		 				<u> — </u>
PRODUCT LINE/PRODUCTS:		<u> </u>		 	 	<u> </u>
Total Direct Resources	Ō	. 0.0	0	0.0	0	
Grand Total Nuclear Reactor Safety						
Grand Total Nuclear Reactor Safety		0.0	0		0	
ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY	<u> </u>				+	
USINESS LINE: FUEL FACILITIES				 	+	
PRODUCT LINE/PRODUCTS:		ļ. —			1	
Training Mission Telesion					<u> </u>	
Mission Training NSPDP Training	328	0.0	160		168	
Total Direct Resources	0	0.0	0		0	
	328	0.0	160	0.0	168	
OGRAM: NUCLEAR MATERIALS AND WASTE SAFETY			 		 	
JSINESS LINE: NUCLEAR MATERIALS USERS			+	 	-	
PRODUCT LINE/PRODUCTS:					+	
Event Response					<u> </u>	
Response Operations	0	0.7	0	1.7	0	
Response Programs International Activities	0	1.7	0	1.7	0	
International Copperation						
Licensing	0	0.0	0	0.0	0	
Licensing Actions	0	0.0	30	12.9	 	
Licensing Support	242	7.0	242	0.2	(30)	(1
Mission IT	124	0.0	305	0.2	(0)	
Security	0	0.0	. 0	0.0	(181)	
Oversight			1	0.0		
Allegations & Investigations	0	0.1	0	0.4	0	
Enforcement	0	0.0	0	0.0	0	
Event Evaluation	860	2.7	1,152	3.9	(292)	(
Inspection IT Infrastructure	6.3	2.2	6.3	3.9	0	(
Mission IT	645.9	0.0	0	0.0	645.9	· _
Security	0	0.0	0	0.0	0	
Rulemaking	0	0	0	0	0	
Rulemaking	0	4.6	. 0	2.7		
Rulemaking Support	0	2.5	0	2.7	0	
Security	- 0	0.0	0	0.0	0	: 1
Research		- 0.0	 	- 0.0		
Materials Research	0	0.0	0	0.0	0	(
tate Tribal and Federal Programs						
Agreement States	0	1.0	0	0.0	. 0	. 1
Liaison ravel	0	1.4	. 0	0.9	. 0	. (
Agreement State Travel						
raining		0.0	0	0.0	0.	0
Mission Training	682	1.7	848	1.7	(100)	
NSPDP Training	002	0.0	0	0.0	(166)	0
Total Direct Resources	2,560.2	. 25.6	2,583.5	32.2	(23.3)	(6
					120.07	_,_
GRAM: NUCLEAR MATERIALS AND WASTE SAFETY		•				-
NESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE		[]				
censing	 					
Uranium Recovery Enviromental Reviews	0	10		- 40		
Uranium Recovery Lic. Actions	0	1.0	0	1.0	0	0.
ssion Training	+	1.0	- 0	2.0	0	(0.
Training	0	0.0	0	0.0	0	0.
lemaking	 					<u> </u>
Rulemaking Support	0	0.0	0	0.0	0	0.
Total Direct Resources	0	2.5	0	3.0	0	(0.

Mission Direct Budgeted Resources Allocated to Agreement State Regulatory Support Fee-Relief Category

	<u> </u>				1	
	FY19		FY18		Difference	ce
	Contract (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	FTE
DOOD COL BUILD DO DOOD TO THE STATE OF THE S						
ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY					1	
USINESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION PRODUCT LINE/PRODUCTS:						
Total Direct Resources	0	0.0	0	0.0	 	
Grand Total Nuclear Materials & Waste Safety						
Ciana Total Rucieal Materials & Waste Salety	2,888.2	28.1	2,743.5	35.2	144.7	(
					++	
TAL AGREEMENT STATE REGULATORY SUPPORT	2,888.2	28.1	2,743.5	35.2	144.7	Ξ,
			2,745.0		144.7	(
al value of budgeted resources for fee class(mission direct FTE x full					 	
st of FTE + mission direct contract \$)	\$14,684		\$17,364		(\$2,680)	
· · · · · · · · · · · · · · · · · · ·		<u>-</u>	<u> </u>		<u> </u>	
	•		:		1.	
					•	•
					T	
· · · · · · · · · · · · · · · · · · ·					<u> </u>	

Mission Direct Budgeted Resources Allocated to In-situ Leach Facilities Rulemaking, Unregistered General Licensees, MOLY 99 and Fellowships Scholarships Fee-Relief Category

	Fee-Relief C	ategory					
			_	-	<u> </u>		
	FY			FY1		Differe	ence
	Contract (\$,I	() FI	E	Contract (\$,K	FTE	Contract (\$,K	
PROGRAM: NUCLEAR REACTOR SAFETY			= -		-		_ _
BUSINESS LINE: NEW REACTORS				<u> </u>			
PRODUCT LINE / PRODUCTS:		_ _					
Total Direct Resources		0	0.0	-			
		-	0.0	 	0.0	 	0
PROGRÂM: NUCLEAR REACTOR SAFETY BUSINESS LINE: OPERATING REACTORS			_		- 	 	
PRODUCT LINE/PRODUCTS:							+
Licensing	+			 			
Research & Test Reactors	1	i3 1º	1.7	616	6.9		-
Oversight		-		- 010	0.9	(5)	63)
Research & Test Reactor Inspection Mission IT			0.0	0	1.0	 	0
Rulemaking	+	0	0.0	0	0.0		0
Rulemaking	- 	0	0.0	 			
Total Direct Resources	5		1.7	616		100	0
0		·	-	010	7.9	(56	(3)
Grand Total Nuclear Reactor Safety	. 5	3 1	1.7	616	7.9	(56	3)
ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY							
USINESS LINE: FUEL FACILITIES		+	+	ļ			
PRODUCT LINE/PRODUCTS:	<u> </u>	-		 	 	 	
Total Direct Resources	 	0 0	0.0		0.0		0
ROGRAM: NUCLEAR MATERIAL C AND MACO				-	0.0		
ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY USINESS LINE: NUCLEAR MATERIALS USERS		+					+
PRODUCT LINE/PRODUCTS:		 	+1			. 10.	
Licensing	 		\dashv			<u> </u>	
Licensing Support	289	2.	. 	289	0.8		
Oversight Allegations & Investigations					0.0		¹
Enforcement	· 0		0	0	0.0) -
Event Evaluation	0			0	0.0		
Inspection	0			0	0.0		
Mission IT	0			0	0.0		
Security	0				0.0	- 0	
Rulemaking Rulemaking					0.0	 	-
Training	0	0.	0	0	0.0		-
Mission Training	. 0		\vdash			,	
NSPDP Training	0	0.		0	0.0	0	
Total Direct Resources	289	3.		289	0.8	0	
OGRAM: NUCLEAR MATERIALS AND WASTE SAFETY SINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE PRODUCT LINEPRODUCTS: Licensing							
Decommissioning Licensing Actions			₩.				
Uranium Recovery Env. Reviews	500	0.0 1.6	++	0	0.0	. 0	0
Uranium Recovery Lic. Actions	0	6.8	1 +	0	0.0	500	1.
Rulemaking Rulemaking					- 0.0		6
Training	0	1.4	Ш	240	1.5	(240)	(0
Mission Training	100.0	- 00	\vdash				
Oversight	102.2	0.0	⊢⊢	0	0.0	102	0.
Uranium Recovery Inspection	- 0	1.6		- 0	0.0		
Total Direct Resources	602.2	11.4		240	1.5	362	1. 9.
OGRAM: NUCLEAR MATERIALS AND WASTE SAFETY SINESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION PRODUCT LINE/PRODUCTS:		-					
Total Direct Resources	0	0.0	ĿĖ	0	0.0		0.0
Grand Total Nuclear Materials & Waste Safety			T				
The state of the s	891	14.6	╌	529	2.3	363	12.
GRAM: CORPORATE SUPPORT							
MSI Grants			$-\Box$				
Integrated University Program	15,000	0.0		15,000	0.0	0	0.0
Outreach & Compliance Coord. Pgm.	13,000	0.0	+-	15,000	0.0	0	0.0
Grand Tatal Communica			+		0.0	0	0.0
Grand Total Corporate Support	15,000	0.0		15,000	0.0	0	0.0
L ISL/MOLY99/GENERAL LICENSES/FELLOWSHIPS &	45.54						
LARSHIPS	15,944.2	26.3	+	16,144.5	10,2	(200)	16.1
			+				
value of budgeted resources for fee class(mission direct FTE x full fFTE + mission direct contract \$)			+				
	\$26,984						

Mission Direct Budgeted Resources Allocated to Remediation of Non-Military Unlicensed Radium Sites

	FY19		+	FY18		 	
	Contract (\$,K)	FTE	- -	Contract (\$,K)	FTE	Differen Contract (\$,K)	ice
			_			Contract (\$,K)	FT
PROGRAM: NUCLEAR REACTOR SAFETY					1		
BUSINESS LINE: NEW REACTORS		+	+	<u>-</u>	+		+
PRODUCT LINE / PRODUCTS:			+		 		ļ.,
Total Direct Resources	 	ļ					
, otal Direct (tessures	. 0	0.0		0	0.0	0	
PROGRAM: NUCLEAR REACTOR SAFETY	<u> </u>	 			 		<u> </u>
BUSINESS LINE: OPERATING REACTORS		 -	+-1		+		₩
PRODUCT LINE/PRODUCTS:		T	++1		 		+
Total Direct Resources	0	0.0		. 0	0.0	0	
Grand Total Nuclear Reactor Safety		0.0	1		0.0	0	
			7 +		0.0		 -
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						 	
BUSINESS LINE; FUEL FACILITIES PRODUCT LINE/PRODUCTS:		ļ			T 1	<u> </u>	
Total Direct Resources							T -
Total Direct Resources	. 0	0.0	41	0	0.0	0	
ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY		<u> </u>	\vdash	<u> </u>		·	
SUSINESS LINE: NUCLEAR MATERIALS USERS	*		+ $+$		├ ──-		
PRODUCT LINE/PRODUCTS:			╀┼	· · ·			
Rulemaking	· ·		╁┼				
Rulemaking	0	0.0	+-+	0	0.0	 	<u> </u>
Training			† †		- 0.0	 	0
Mission Training	0	0.0	1	0	0.0	0	-0
NSPDP Training	0	0.0		0	0.0	0	0
Total Direct Resources	0	0.0		0	0.0	0	0.
ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY USINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE PRODUCT LINE/PRODUCTS:						-	
Licensing Decomm. Licensing Actions						T	
Oversight	0	1.9	\Box	0	4.1	0	(2.
LLW Regulation & Oversight			_				
Enforcement	0	0.0	-	0	0.0	0	0.
Inspection		0.8	┿.	0	0.0	0	0.0
Mission Training		. 0.0	+		0.0	0	0.
Training		0.0	-	0	0.0	0	0.0
NSPDP Training	0	0.0	⊤ •	0	0.0	- 0	0.0
Rulemaking Rulemaking			$\neg \vdash$		· • • •	 	
Rulemaking Support	0	0.0		0	0.0	0	0.0
Total Direct Resources	0	0.0		0	0.0	. 0	0.0
Total Direct Nesocices	0	2.7	\perp	0	4.1	0	(1.4
OGRAM: NUCLEAR MATERIALS AND WASTE SAFETY ISINESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION PRODUCT LINE/PRODUCTS:							·
Total Direct Resources			<u> </u>				
	0	0.0	+	0	0.0	0	0.0
Grand Total Nuclear Materials & Waste Safety	0	2.7		0	0.0	0	2.7
TAL GENERIC LOW LEVEL WASTE	0	2.7	+	. 0	4.1	0	(1.4
	<u> </u>	_ +	+				
al value of budgeted resources for fee class(mission direct FTE x full t of FTE + mission direct contract \$)	\$1,133		Ŧ.	\$1,703	-	(\$570)	
			\top		 - 	(\$0,0)	
	-					·	

Mission Direct Budgeted Resources Allocated to Department of Defense Remediation program MOU activities

		1 1	,	1 1	1	
	FY19		FY18		Differer	ice .
	Contract (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	FTE
PROGRAM: NUCLEAR REACTOR SAFETY	,					
PROGRAM: NUCLEAR REACTOR SAFETY BUSINESS LINE: NEW REACTORS	<u>. </u>					
BUSINESS LINE: NEW REACTORS				-		
PRODUCT LINE/PRODUCTS:	·		 		-	
Total Direct Resources	 					
	0	0.0		0.0	0	
PROGRAM: NUCLEAR REACTOR SAFETY BUSINESS LINE: OPERATING REACTORS)			: <u>-</u> -		
BUSINESS LINE: OPERATING REACTORS					 	
PRODUCT LINE/PRODUCTS:	í	 			 	<u> </u>
Total Direct Resources	0	0.0	<u> </u>	0.0	0	
				0.0		
Grand Total Nuclear Reactor Safety	0	0.0	0	0.0	1 0	
and the sale of the sale procedure is the sale processing and the sale processing or the sale of the s						
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY					 	
SUSINESS LINE: FUEL FACILITIES					 	
PRODUCT LINE/PRODUCTS: Total Direct Resources				T .		<u>·</u>
TOTAL DIFECT RESOURCES.	0	0.0	0	0.0	0	· C
ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
USINESS LINE: NUCLEAR MATERIALS USERS PRODUCT LINE/PRODUCTS:	_					
Rulemaking						
Rulemaking						
Training	. 0	0.0	0	0.0	0	
Mission Training			 			· ·
NSPDP Training	0	0.0	0	0.0	0	.0
Total Direct Resources		0.0	0	0.0	0	0
			0	0.0	0	. 0.
ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
USINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE				_		
PRODUCT LINE/PRODUCTS:						
Licensing						
Decomm. Licensing Actions	400	2.8	0	2.8	, .0	0.
Oversight						
LLW Regulation & Oversight	0	. 0.0	0	0.0	0	0.
Enforcement	0	0.0	0	0.0	0	0.
Inspection	0	1.2	0	0.0	0	1.
Mission Training Training						
NSPDP Training	0	0.0	0	0.0	0	0.0
Rulemaking	0	0.0	0	0.0	0	0.
Rulemaking						
Rulemaking Support	0	0.0		0.0	. 0	0.0
Total Direct Resources	400	0.0	0	0.0	0	0.0
	400	4.0		2.8	400	1.2
OGRAM: NUCLEAR MATERIALS AND WASTE SAFETY	 					
ISINESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION	1					
PRODUCT LINE/PRODUCTS:		-++				
Total Direct Resources	0	0.0	- 0	-00		
		0.0		0.0	. 0	0.0
Grand Total Nuclear Materials & Waste Safety	400	4.0	0	2.8	400	
					400	1.2
						
· · · · · · · · · · · · · · · · · · ·					·	,
TAL GENERIC LOW LEVEL WASTE	400	4.0	0	2.8	400	1.2
al value of budgeted resources for fee class(mission direct FTE x cost of FTE + mission direct contract \$)						
COST OF FIF + mission direct contract \$\	\$2,079		\$1,163			
ocot of the fillipsion direct contract \$)	Ψ2,019	1 1	का, 1031	1 1	\$916	

Mission Direct Budgeted Resources Allocated to Generic Decommissioning and Reclaimation Fee-Relief Category

	FY19	,				
	Contract (\$,K)		FY18 Contract (\$,K)	FTE	Difference (S. K.)	nce
			Contract (\$,10)		Contract (\$,K)) F
PROGRAM: NUCLEAR REACTOR SAFETY						+
BUSINESS LINE: NEW REACTORS				 	+	+-
PRODUCT LINE / PRODUCTS:				1		+-
Total Direct Resources	. 0	0.0	 	0.0	- - 0	+-
PROGRAM: NUCLEAR REACTOR SAFETY				1	 	+
BUSINESS LINE: OPERATING REACTORS		-				
PRODUCT LINE/PRODUCTS:				<u> </u>	<u> </u>	ــــــ
Total Direct Resources	Ō	0.0		0.0	0	┼
Const Tatal Nation 19				0.0		
Grand Total Nuclear Reactor Safety	0	0.0	0	0.0	0	
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: FUEL FACILITIES						
PRODUCT LINE/PRODUCTS:			 -			
Training			 	++	 	├
Total Direct Resources	0	0.0		0.0	0	
DOOD AND ANGLE OF THE PARTY OF						
ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
SUSINESS LINE: NUCLEAR MATERIALS USERS		+-	-	+	 	
PRODUCT LINE/PRODUCTS:				++	 	
Total Direct Resources	0	0.0	0	0.0	. 0	
ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY	L					
USINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE				├ `──	 	
PRODUCT LINE/PRODUCTS:		-+	 	 - 	 	
International Activities					 	
International Cooperation Licensing	0	0.0	0	0.0	100	
Decomm. Enviromental Reviews						
Decomm. Licensing Actions	500	3.0 19.5	288	3.0	212	
Mission IT	62	0.0	1,063	24.3 0.0	(624)	(4
Policy Outreach	0	0.5	. 45	0.0	17.	
Uranium Recovery Environmental Reviews	0	0.0	0	0.0	.0	
Uranium Recovery Lic. Actions Mission Training	0	1.0	200	2.0	(200)	(1
Training	0					
NSPDP Training	0	0.0 ·	0	0.0	0	. 0
Oversight				0.0	. 0	1
Inspections Research	0	4.6	0	7.0	0	(2
Waste Research						
Rulemaking	300	1.0	150	1.0	150	. 0
Rulemaking		4.6				
Total Direct Resources	1,301	35.2	1,746	38.3	0	3
			. 1,740	30.3	(445)	(3
OGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
SINESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION PRODUCT LINE/PRODUCTS:						
International Activities						
International Cooperation	0	0.0				
Total Direct Resources	0	0.0	0	0.0	0	0.
						0.
Grand Total Nuclear Materials & Waste Safety	1,301	35.2	. 1,746	38.3	(445)	(3.
					- ::	
				[].		
TAL GENERIC DECOMMISSIONING & RECLAIMATION	1,301	35.2	4 740			
1	1,501	JJ.2	1,746	38.3	(445)	(3.
				 - 	-	
al value of budgeted resources for fee class(mission direct FTE x full						
of FTE + mission direct contract \$)	\$13,007		\$14,498		(\$1,491)	

All decommissioning resources for licensees other than Part 50 power reactors and Part 72 licensees—i.e., site specific + generic resources—are allocated to the 'generic decommissioning' Fee-Relief category. OCFO then subtracts from this total the estimated Part 170 decommissioning revenue from these licensees. By definition, what's left is 'generic.'

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

PROGRAM: NUCLEAR REACTOR SAFETY BUSINESS LINE: NEW REACTORS PRODUCT LINE/PRODUCTS: Total Direct Resources O 0,00 PROGRAM: NUCLEAR REACTOR SAFETY BUSINESS LINE: OPERATING REACTORS PRODUCT LINE/PRODUCTS: Oversight Mission IT Total Direct Resources 18 0,0 Grand Total Nuclear Reactor Safety 18 0,0 PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY BUSINESS LINE: PLUE FACILITIES PRODUCT LINE/PRODUCTS: Total Direct Resources 0 0,0 PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY BUSINESS LINE: NUCLEAR MATERIALS USERS PRODUCT LINE/PRODUCTS: Rulemaking Rulemaking Training Mission Training Mission Training Mission Training NSPDP Training O 0,0 ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY BUSINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE PRODUCT LINE/PRODUCTS: LICENSING POLICY LINE/PRODUCTS: LICENSING RUlemaking R	•	FY19			FY18	1	5:5	
PROGRAM: NUCLEAR REACTOR SAFETY BUSINESS LINE: NEW REACTORS PRODUCT LINE/PRODUCTS: Total Direct Resources 0 0 0.0 PROGRAM: NUCLEAR REACTOR SAFETY BUSINESS LINE: OPERATING REACTORS PRODUCT LINE/PRODUCTS: Oversight Mission IT 18 0.0 Grand Total Nuclear Reactor Safety 19 18 0.0 Grand Total Nuclear Reactor Safety 19 18 0.0 Grand Total Nuclear Materials AND WASTE SAFETY BUSINESS LINE: PLEL FACILITIES PRODUCT LINE/PRODUCTS: Total Direct Resources 0 0.0 ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY USINESS LINE: NUCLEAR MATERIALS USERS PRODUCT LINE/PRODUCTS: Rulemaking Rulemaking 0 0.0 NSPD Training Mission Training NSPD Training Total Direct Resources 0 0.0 ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY USINESS LINE: SECOMMISSIONING AND LOW LEVEL WASTE PRODUCT LINE/PRODUCTS: Licensing Policy Outreach 0 0.5 Oversight 111 5.0 Enforcement 0 0.0 Event Evaluation 0 0.0 Mission Training Training Training Training Rulemaking Rulema		Contract (\$,K)		+-	Contract (\$,K)	FTE	Different Contract (\$,K)	ce F
### RUSHNESS LINE: NEW REACTORS ### REACTORS ### REACTOR SAFETY ### SAFETY							- σοπιτιαστ (ψ,ττ)	-
PRODUCT LINE PRODUCTS: Total Direct Resources 0 0.0	OGRAM: NUCLEAR REACTOR SAFETY	,						
Total Direct Resources	SINESS LINE: NEW REACTORS			T -				1
Total Direct Resources 0	PRODUCT LINE/PRODUCTS		+	+			 	
PROGRAM: NUCLEAR REACTOR SAFETY BUSINESS LINE: OPERATING REACTORS PRODUCT LINE/PROPUCTS: Oversight Mission IT Total Direct Resources 18 0.0 Grand Total Nuclear Reactor Safety 18 0.0 PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY SUSINESS LINE: FUEL FACILITIES PRODUCT LINE/PRODUCTS: Total Direct Resources 0 0.0 PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY SUSINESS LINE: NUCLEAR MATERIALS USERS PRODUCT LINE/PRODUCTS: Rulemaking Rulemaking Mission Training MISSION MISSION MISSION MATERIALS AND WASTE SAFETY USINESS LINE: DECOMMISSION MISSION LOW LEVEL WASTE PRODUCT LINE/PRODUCTS: Licensing Policy Outreach Deversight LLW Regulation & Oversight LLW Regulation & Oversight LLW Regulation MISSION Training Training MISSION MI			- 06	+-			<u> </u>	,
BUSINESS LINE: OPERATING REACTORS PRODUCT LINE/PRODUCTS: Oversight Mission IT Total Direct Resources Grand Total Nuclear Reactor Safety BY B			0.0	'	0	0.0	0	+
PRODUCT LINE/PRODUCTS: Oversight Mission IT Total Direct Resources Grand Total Nuclear Reactor Safety 18 0.0 Grand Total Nuclear Reactor Safety PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY BUSINESS LINE: FUEL FACILITIES PRODUCT LINE/PRODUCTS: Total Direct Resources 0 0.0 PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY BUSINESS LINE: NUCLEAR MATERIALS USERS PRODUCT LINE/PRODUCTS: Rulemaking R	OGRAM: NUCLEAR REACTOR SAFETY		 	+			 - 	+
Oversight	SINESS LINE: OPERATING REACTORS						 	+
Mission IT						-		+ -
Total Direct Resources 18 0.0 Grand Total Nuclear Reactor Safety PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY BUSINESS LINE: FUEL FACILITIES PRODUCT LINE/PRODUCTS: Total Direct Resources ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY BUSINESS LINE: NUCLEAR MATERIALS USERS PRODUCT LINE/PRODUCTS: Rulemaking Rulemaking Training Mission Training Mission Training Mission Training MISSION Training ANSPD Praining ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY USINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE PRODUCT LINE/PRODUCTS: Licensing Policy Outreach Oversight LLW Regulation & Oversight LLW Regulation & Oversight LLW Regulation & Oversight LLW Regulation & Oversight Event Evaluation Mission Training Training Rulemaking							0	1
Grand Total Nuclear Reactor Safety PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY BUSINESS LINE: FUEL FACILITIES PRODUCT LINE/PRODUCTS: Total Direct Resources O 0,00 PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY BUSINESS LINE: NUCLEAR MATERIALS USERS PRODUCT LINE/PRODUCTS: Rulemaking Rulemaking Rulemaking Mission Training Mission Training Mission Training Mission Training MISSION Training AUSTER RESOURCES ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY USINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE PRODUCT LINE/PRODUCTS: LICENSING LICENSING Policy Outreach Oversight LLW Regulation & Oversight Enforcement Sevent Evaluation Mission Training Training Training Training Training Rulemaking Support Total Direct Resources O 0,0 Grand Total Nuclear Materials & Waste Safety TAL GENERIC LOW LEVEL WASTE TAL GENERIC LOW LEVEL WASTE 229 8.5					0	0.0		
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY BUSINESS LINE: FUEL FACILITIES PRODUCT LINE/PRODUCTS: Total Direct Resources 0 0,00 PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY BUSINESS LINE: NUCLEAR MATERIALS USERS PRODUCT LINE/PRODUCTS: Rulemaking Rulemaking Mission Training Mission Training Mission Training MISSION Training MISSION Training MISSION TRAINING ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY USINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE PRODUCT LINE/PRODUCTS: Licensing Policy Outreach Oursight LLW Regulation & Oversight LLW Regulation & Oversight LLW Regulation Mission Training Training Training Training Rulemaking Rul	Total Pilot Nosoulous		0.0) .	0	0.0	18	
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY BUSINESS LINE: FUEL FACILITIES PRODUCT LINEPRODUCTS: Total Direct Resources 0 0,00 PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY BUSINESS LINE: NUCLEAR MATERIALS USERS PRODUCT LINEPRODUCTS: Rulemaking Rulemaking Mission Training Mission Training Mission Training MISSION Training MISSION Training ANOUCLEAR MATERIALS AND WASTE SAFETY USINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE PRODUCT LINEPRODUCTS: Licensing Policy Outreach Oversight LLW Regulation & Oversight LLW Regulation & Oversight LLW Regulation Mission Training Training Policy Outreach O 0,00 Mission Training Training Rulemaking Rulemaki	Grand Total Nuclear Reactor Safety	18	1	+ 1	0	- 00		ļ
SUSINESS LINE: FUEL FACILITIES			1 0.0	╡╌┆		0.0	18	<u> </u>
DISINESS LINE: FUEL FACILITIES	OGRAM: NUCLEAR MATERIALS AND WASTE SAFETY	<u> </u>	 	╁			- 	
Total Direct Resources	SINESS LINE: FUEL FACILITIES		T	17			+	├
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY SUSINESS LINE: NUCLEAR MATERIALS USERS PRODUCT LINE/PRODUCTS: Rulemaking Rulemaking Mission Training Mission M				\vdash				
### SUSINESS LINE: NUCLEAR MATERIALS USERS	Total Direct Resources	0	0.0		0	0.0	0	-
### SUSINESS LINE: NUCLEAR MATERIALS USERS	GDAR MICIEAD MATERIAL CAND MATERIAL							
PRODUCT LINE/PRODUCTS: Rulemaking	SIMESS LINE: NUCLEAR MATERIALS AND WASTE SAFETY			\Box				
Rulemaking 0 0.0	PRODUCT LINE/PRODUCTS			1				
Rulemaking				+				
Mission Training			-00					
NSPDP Training			0.0	+	0	0:0	0	(
NSPDP Training	Mission Training	<u> </u>	0.0	+	- 0	0.0		ļ.,
Total Direct Resources					- 0	0.0	0	(
SUSINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE PRODUCT LINE/PRODUCTS:	Total Direct Resources	0			0	0.0	0	- 0
Policy Outreach	INESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE					-		
Comparison Com								
LLW Regulation & Oversight			0.5	\sqcup	0	0.0	0	.0
Enforcement								
Event Evaluation				+	136	5.0	(25)	
Mission Training	Event Evaluation			-	0	0.0	0	0
NSPDP Training			- 0.0			0.0	. 0	0
NSPDP Training 0 0.0		0	0.0		0	0.0	0	0
Rulemaking	NSPDP Training			+	0	0.0	- 0	0
Rulemaking Support 0 0.0.0 Total Direct Resources 211 8.5 ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY JSINESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION PRODUCT LINE/PRODUCTS: Total Direct Resources 0 0.0.0 Grand Total Nuclear Materials & Waste Safety 211 8.5 PTAL GENERIC LOW LEVEL WASTE 229 8.5	ulemaking			\top		- 0.0	 	
Total Direct Resources 211 8.5 ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY USINESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION PRODUCT LINE/PRODUCTS: Total Direct Resources 0 0.00 Grand Total Nuclear Materials & Waste Safety 211 8.5 TAL GENERIC LOW LEVEL WASTE 229 8.5			3.0		188	1.5	(88)	1
ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY USINESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION PRODUCT LINE/PRODUCTS: Total Direct Resources 0 0.0 Grand Total Nuclear Materials & Waste Safety 211 8.5 TAL GENERIC LOW LEVEL WASTE 229 8.5	Total Direct Recourses				0	1.0	0	(1
JSINESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION PRODUCT LINE/PRODUCTS: Total Direct Resources 0 0.0 Grand Total Nuclear Materials & Waste Safety 211 8.5 DTAL GENERIC LOW LEVEL WASTE 229 8.5	Total Direct Nesources	211	8.5		324	7.5	(113)	1.
Total Direct Resources 0 0.0 Grand Total Nuclear Materials & Waste Safety 211 8.5 TAL GENERIC LOW LEVEL WASTE 229 8.5	NESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION		-	$\frac{1}{1}$				
Grand Total Nuclear Materials & Waste Safety 211 8.5 TAL GENERIC LOW LEVEL WASTE 229 8.5	Total Direct Becomes						 	
TAL GENERIC LOW LEVEL WASTE 229 8.5	rotal Direct Resources	0	0.0	ĿĹ	0	0.0	0	0.
TAL GENERIC LOW LEVEL WASTE 229 8.5	Grand Total Nuclear Materials & Waste Safety	- A		_				
	The state of the s	211	8.5		324	7.5	(113)	1.
		 		+				
		† – ; – †		+			 	
	L GENERIC LOW LEVEL WASTE	229	8.5	+	324	7.5	(05)	
al value of hudgeted resources for fee close/mission disease FTF &				+	J24	7.5	(95)	1.
al value of budgeted resources for fee class/mission discart TTT				+-		+-	 	
	value of budgeted resources for fee class(mission direct FTE x full			1		- 	. - · - 	
st of FTE + mission direct contract \$) \$3,797		\$3,797			\$3,439		\$358	

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 98 power reactors licensed to operate. This results in a FY 2019 annual fee of \$4,697,000 per reactor. Additionally, each power reactor licensed to operate would be assessed the FY 2019 spent fuel storage/reactor decommissioning annual fee of \$163,000. This results in a total FY 2019 annual fee of \$4,860,000 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 OBRA-90, as amended. Currently, there are no operating SMRs; therefore, the NRC will not propose an annual fee in FY 2019 for this type of licensee.

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FY 2019 MISSION DIRECT BUDGETED RESOURCES				T
		-	POW	ER REAC
		TOTAL		ER REAC
	CONTRACT		CONTRACT	Γ
	\$,K	FTE .	\$,K	F
NUCLEAR REACTOR SAFETY	113,923.0	1,863.0	78,044.9	
NUCLEAR MATERIALS & WASTE SAFETY (no HLW/Gen Fund)	18,921.0	464.0		
CORPORATE	183,545.0	609.0		+
INSPECTOR GENERAL(no DNSFB)	1,414.0	58.0		
SUBTOTAL - FEE BASE RESOURCE	317,803.0	2.004.0	70.400.0	
	317,003.0	2,994.0	78,166.6	
Figures below in \$, M (unless otherwise indicated)				,
(1) FY 2019 ALLOCATIONS: equals \$, K + FTE*FTE rate (show	vn below)			670
(2) LESS ESTIMATED PART 170 FEE COLLECTIONS	•			21;
(3) PART 171 ALLOCATIONS (equals 1 - 2)		·		456
(4) GENERIC TRANSPORTATION RESOURCES (allocated)				0.
(5) NET PART 171 ALLOCATIONS (after transportation allocat	ted)(equals 3+4)			456
(6) FY 2019 TOTAL ALLOCATIONS (after transportation alloca	ition) (equals 2+5)			670
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, impo)		86.6
(8) Fee-Relief Adjustment (includes small entity) + LLW Surch	arge			2.7
(9) Fee-Relief Adjustment and LLW Surcharge per licensee		· .		0.0
(10) Part 171 billing adjustments	· ·		.	1.0
(11) Adjustments	1			0.00
(12) TOTAL FY 2019 ANNUAL FEE (equals 5+8+10+11)				460.
(13) Number of Licensees				98
(14) Fee Per License (equals 12/13)		·		4.70
unrounded annual fee amount per license, actual \$				4,696,9
rounded annual fee, actual \$				4,697,0
FTE FULLY COSTED RATE (average based on budget data, actual \$): See Determination of Hourly Rate for calculations	419,767			

Mission Direct Budgeted Resources Allocated to Power Reactors Fee Class

		 			<u></u>		_		
			Y19			Y18			ference
		Contract (\$,	,K)	FTE	Contract (\$,K) F	TE	Contract (\$	K) FTE
PROGRAM: NUCLEAR REACTOR SAFETY BUSINESS LINE: NEW REACTORS							\dashv	+===	
PRODUCT LINE / PRODUCTS:									
International Activities		— —			+:-		-		
International Cooperation			0	0.0	+	0	0.0	├ :-	
Licensing			╛	0.0	 	" -	0.0	-	0 (
Advanced Reactors Combined Licenses			0	0.0		Ó	0.0	 	0 0
Design Certification	. – – – – 		0	7.0		0	1.0		0 6
Early Site Permit	·	1,8		59.0	2,4		0.88	(56	
EDO Operations		4	80 :0	14.0	1,3		7.0	(90	
Emergency Preparedness			0	. 0.0	+	0	0.0	 	0 1
Fukushima NTTF			0	0.0			0.0		0 0
IT Infrastructure Licensing Actions		1,4	51	0.0			0.0	1,45	
Licensing Actions Licensing Support			50	22.0	. 3:	_	3.0	(17	
Mission IT		2,09	_	32.0	2,82		4.0	(73	
New Reactor Facilities		2,43	$\overline{}$	5.0	1,99		5.0	43	3 0.
NSPDP Training			0	1.0			0.0		0 0.
Operator Licensing			0	11.0			2.0		0 (1.0
Pre-Application Reviews			0	9.0			1.0 3.0		0 0.0
Part 50			0	6.0			0.0		0 3.0
Security Oversight		: : :	0	0.0			0.0		
Allegations & Investigations			_ _						
Construction Inspection	` }		0	8.9			.9	· 0	0.0
Emergency Preparedness		210	-	38.0	21			0	
Enforcement			3	3.0			.0	· .0	
Mission IT		<u>`</u>		0.0		+	.0	0	
NSPDP Training		0		1.0			0	0	
Part 50 Security		0		.4.0			_	- 0	
Vendor Inspection		600		4.0	600	4.	0	0	
Research		60	-	15.0	40	20.	0	20	(5.0)
Adv. Reactors Research		. 0	-	- 00 1			- -		<u> </u>
Long term Research		. 0	_	0.0	0		+	0	
New Reactors Research		2,685		11.0	3,236	12.0		(551)	0.0
Rulemaking (PL) Rulemaking						12.	+	(331)	(1:0)
Security		0	<u> </u>	9.0	100	7.0		(100)	2.0
Rulemaking Support		0	 	0.0	0	0.0	+	0	0.0
Training		0	-	1.0	.0	1.0	4-1-	. 0	0.0
Mission Training		1,045	-	9.0	1,021	40.0	- -		
Mission IT		30		0.0	30	10.0	_	24	(1.0)
NSPDP Training Total Direct Resources		0		0.0	. 0	0.0		. 0	0.0
		13,086	27	71.9	14,182	291.9		(1,096)	(20.0)
GRAM: NUCLEAR REACTOR SAFETY					·				
INESS LINE: OPERATING REACTORS PRODUCT LINE/PRODUCTS:					, 	_ `			
event Response							+		
Mission IT		7,485							
Other Response Activities		1,607		0.0	7,010	11.0	- -	475	3.0
Response Operations Response Program		125		19.0	175	19.0	+	(50)	0.0
Iternational Activities		0	1	5.0	0	15.0		0	0.0
International Cooperation				0.0		. 00	<u> </u>		
Icensing EDO Operations				"." -	. 0	0.0	+	_ 0	0.0
Emergency Preparedness		0		3.0	0	0.0	-	, 0	3.0
Generic Issues Program		0		0.0	0	10.0		0	(2.0)
Fukushima NTTF/Japan Lessons Leamed		650		1.0	1,650	0.0 35.0	+-	(1,000)	(14.0)
License Renewal Licensing Actions		589	38	8.0	960	39.0	+	(371)	(14.0)
Licensing Support		5,339	164		4,199	160.0	1:	1,140	4.0
Mission IT		4,456 150		0.0	3,956 244	55.0 0.0	+-	500	4.0
NSPDP Training Operator Licensing		0	4	1.0	0	4.0	+-	(94)	0.0
Policy Outreach		405	35		255	35.0		150	0.0
Research & Test Reactors		0		0.0	0	0.0	-	0	3.0
RIC Security		718		.0	- 0	- 0	+-	718	2.0
- County		250	13		750	13		(500)	0.0

Mission Direct Budgeted Resources Allocated to Power Reactors Fee Class

	FY1: Contract (\$,K)		Contract (\$,F		Differe Contract (\$,K)	nce FTE
				y 11L	Contract (\$,K)	
Oversight Allegations & Investigations						
Emergency Preparedness	25	5 53.9		25 49.9 0 21.0	0	1
Enforcement	110				0	(1
Event Evaluation Fukushima NTTF		36.0		0 41.0	0	(5
Inspection	2,878			0 5.0	0	
IT Infrastructure	5,030			7 329.0 0 0.0	5,030	
Mission IT NSPDP Training	3,765				726	-
Research & Test Reactor Insp.				0 5.0	0	ľ
Security	3,755			0 0.0 9 58.0	. 0	. (
Vendor Inspection	0,700			0 2.0	96	(*
Research Consequence Analysis & Hith Effects						
Aging & Materials Research	4,991			0.0	0	
Digital I&C & Electrical Res.	4,991		6,31	9 20.0	(1,328)	. (
Engineering Research	3,483		5,910		(2,427)	· (
Fire Safety Research Fukushima NTTF	0			0.0	0	- i
Generic Issues & Oper, Exp.	<u>.</u> <u>0</u>			0.0	0	
International Research	0		225		(225).	0
Longterm Research		0.0		0.0	0	
Materials Performance Research Mission IT	0			0.0	Ö	
NSPDP Training	3,260	. 3.0	1,797		1,463	
Operational Events Analysis	0	0.0			. 0	0
Reactor Research .	. 0	. 7.0	0		0	0
Reactor Safety Codes & Analysis Risk Analysis	0	0.0	0	0.0	. 0	. 0
Systems Analysis Research	8,071	51.0	11,053		(2,982)	0
Seismic & Structural Research	2,842	22.0	3,842		(1,000)	3
Rulemaking (PL)	·	0.0	<u>-</u>	0.0	. 0	0
Fukushima NTTF/Japan Lessons Learned Rulemaking	. 0	. 0.0	0		0	0
Emergency Preparedness	730	29.0	730		0	(3.
Rulemaking Support	200	0.0 18.0	0		. 0	<u>0</u> .
Security	0	0.0	0		(150)	2. 0.
Training Business Process Improvements						, 0.
Fukushima NTTF/Japan Lessons Learned	. 0	0.6	0		0	0.
Mission IT	763	0.0	116	0.0	647	0.
Mission Training NSPDP Training	3,276	24.8	3,554	24.8	(278)	0.0
Total Direct Resources	0	0.0	0		. 0	0.0
	64,959	1135.0	62,481	1,131.3	2,478	3.
Grand Total Nuclear Reactor Safety	78,045	1406.9	76,663	. 1,423.2	1,382	(16.3
GRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
INESS LINE: FUEL FACILITIES			· · · ·		<u> </u> -	
PRODUCT LINE/PRODUCTS:						
Materials Research						
Total Direct Resources	0	0.0	0	0.0	0	0.0
		0.0	0	0.0	0	0.0
GRAM: NUCLEAR MATERIALS AND WASTE SAFETY NESS LINE: NUCLEAR MATERIALS USERS						
RODUCT LINE/PRODUCTS:	+		 			
Iternational Activities			 			
Multilateral/Bilateral	0	0.0	0	0.0	0	0.0
versight						0.0
Inspection	6	0.0	6	0.0	0	0.0
Inspection .			0	0.0		0.0
utemaking Rulemaking	. 0	0.0		0.0	0	0.0
ulemaking Rulemaking tate, Tribal and Federal Programs	0	0.0	 	- 1		(0.2
ulemaking Rulemaking tate, Tribal and Federal Programs Lisison		0.0	0	1.0	0.	
ulemaking Rulemaking tate, Tribal and Federal Programs Lisison	0	0.8	0	_ ·		0.0
ulemaking Rulemaking tate, Tribal and Federal Programs Lisison			0	0.2	(29)	0.0
ulemaking Rulemaking tate, Tribal and Federal Programs Liaison raining Mission Training Total Direct Resources	0	0.8	0	_ ·		
ulemaking Rulemaking tate, Tribal and Federal Programs Liaison Taining Mission Training Total Direct Resources BRAM: NUCLEAR MATERIALS AND WASTE SAFETY	0	0.8	0	0.2	(29)	0.0
ulemaking Rulemaking tate, Tribal and Federal Programs Liaison Taining Mission Training Total Direct Resources SRAM: NUCLEAR MATERIALS AND WASTE SAFETY. MESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE	0	0.8	0	0.2	(29)	0.0
ulemaking Rulemaking tate, Tribal and Federal Programs Lialson raining Mission Training Total Direct Resources SRAM: NUCLEAR MATERIALS AND WASTE SAFETY. WESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE RODUCT LINE/PRODUCTS:	0	0.8	0	0.2	(29)	0.0
ulemaking Rulemaking tate, Tribal and Federal Programs Liaison raining Mission Training Total Direct Resources BRAM: NUCLEAR MATERIALS AND WASTE SAFETY. WESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE RODUCT LINE/PRODUCTS: censing Decomm. Licensing Actions	0 116 122	0.8 0.2 1.0	0	0.2	(29)	0.0 0.0 (0.2
ulemaking Rulemaking tate, Tribal and Federal Programs Liaison Taining Mission Training Total Direct Resources BRAM: NUCLEAR MATERIALS AND WASTE SAFETY MESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE RODUCT LINE/PRODUCTS: censing Decomm. Licensing Actions Uranium Recovery Env. Reviews	0 116 122 0 0	0.8 0.2 1.0	0 145 151 0 0 0	1.0 0.0	(29)	0.0
ulemaking Rulemaking tate, Tribal and Federal Programs Liaison raining Mission Training Total Direct Resources BRAM: NUCLEAR MATERIALS AND WASTE SAFETY. WESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE RODUCT LINE/PRODUCTS: censing Decomm. Licensing Actions Uranium Recovery Env. Reviews Uranium Recovery Lic. Actions ssion Training	0 116 122	0.8 0.2 1.0	0 145 151	1.0	(29)	0.0 0.0 (0.2
ulemaking Rulemaking tate, Tribal and Federal Programs Lialson alning Mission Training Total Direct Resources SRAM: NUCLEAR MATERIALS AND WASTE SAFETY MISSS LINE: DECOMMISSIONING AND LOW LEVEL WASTE RODUCT LINE/PRODUCTS: censing Decomm. Licensing Actions Uranium Recovery Env. Reviews Uranium Recovery Lic. Actions	0 116 122 0 0	0.8 0.2 1.0	0 145 151 0 0 0	1.0 0.0	(29) (29)	0.0 0.0 (0.2

Mission Direct Budgeted Resources Allocated to Power Reactors Fee Class

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	FY1	9	FY1		Differe	J
	Contract (\$,K)	FTE	Contract (\$,K)		Contract (\$,K)	
PROCESAN, NILOLEAR MATERIAL						
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY		j				
BUSINESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION PRODUCT LINE/PRODUCTS:					 	+-
International Activities	<u> </u>	_				T
International Cooperation						
Licensing	<u> </u>	0.0	0	0.0	0	1 —
Emergency Preparedness	 			<u> </u>		T
Environmental Reviews					0	
Licensing Support						
Mission IT			0		0	
Security	0		0		0	
Storage Licensing	0		0		0	
Transportation Certification	0				0	
Research	0	0		0	0	
Waste Research	-	 				
Rulemaking (PL)	0	0.0	0	0.0	.0	- 0
Rulemaking		<u> </u>		<u> </u>		
Travel	0	0.4	293	0.8	(293)	· · (0
Mission Travel		├				
Training	0	0.0	0	0.0	. 0	. 0
Mission Training		<u> </u>				
Total Direct Resources		.0	0	0	0	. 0.
		1.4	293	1.8	(293)	(0.
Grand Total Nuclear Materials & Waste Safety	121.7	- 24	 			
	121.7	3.4	451	4.0	(329)	(0.0
			 		I	
			 			
OTAL POWER REACTORS	78,166.6	1,410.3	 		ļ	·
	10,100.0	1,410.3	77,114	1,427.2	1,053	(16.9
tal value of budgeted resources for fee class(mission direct FTE x full cost of FTE +		+	 		 	
ssion direct contract \$)	670,164		660 600		 	
a budgetary resources allocated to Royan Beauty Too Cl.	370,104		669,908		\$256	

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, 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 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 2019

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

.•	48
	33
	11
	6
	98
\$67	70,163,790
\$	4,697,000
	\$163,000
\$	4,860,000
	\$

Part 171 Annual Fees

Spent Fuel Storage/Reactor Decommissioning

Section III.B.2.b

Table VII

For FY 2019, budgeted costs of approximately \$19.9 million for spent fuel storage/reactor decommissioning are to be recovered through annual fees assessed to part 50 power reactors, 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 122 licensees, resulting in a FY 2019 annual fee of \$163,000 per licensee.

CONTRACT CONTRACT S.K FTE \$.K				SDENT	FUEL STOP
CONTRACT CONTRACT CONTRACT CONTRACT S,K FTE S,K					
CONTRACT S,K FTE \$,K			TOTAL	AL	LOCATIONS
NUCLEAR REACTOR SAFETY		CONTRACT			
NUCLEAR MATERIALS & WASTE SAFETY (no HLW/Gen Fund) 18,921.0 484.0 2757.2		\$,K	FTE	\$,K	FTE
NUCLEAR MATERIALS & WASTE SAFETY (no HLW/Gen Fund) 18,921.0 484.0 2757.2	NUCLEAR REACTOR SAFETY	112 022 0	4.000.0		
CORPORATE INSPECTOR GENERAL(no DNSFB) INSPECTOR GENERAL(no					
INSPECTOR GENERAL(no DNSFB) SUBTOTAL - FEE BASE RESOURCE SIBTOTAL - FEE BASE RESOURCE SIBTOTAL - FEE BASE RESOURCE 317,803.0 2,994.0 2,765.3 Figures below in \$, M (unless otherwise indicated) (1) FY 2019 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown below) 3 (2) LESS ESTIMATED PART 170 FEE COLLECTIONS 1 (3) PART 171 ALLOCATIONS (equals 1 - 2) (4) GENERIC TRANSPORTATION RESOURCES (allocated) (5) NET PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4) (6) FY 2019 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5) (7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity) 4.6 (8) Fee-Relief Adjustment (Includes small entity) + LLW Surcharge 0.0 (9) Fee-Relief Adjustment and LLW Surcharge per licensee 10) Part 171 billing adjustments 11) Adjustments 12) TOTAL FY 2019 ANNUAL FEE (equals 5+8+10+11) 13) Number of Licensees 14) Fee Per License (equals 12/13) 163, inrounded annual fee amount per license, actual \$					
SUBTOTAL - FEE BASE RESOURCE 317,803.0 2,894.0 2,765.3 Figures below in \$, M (unless otherwise indicated) (1) FY 2019 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown below) 3 (2) LESS ESTIMATED PART 170 FEE COLLECTIONS (3) PART 171 ALLOCATIONS (equals 1 - 2) (4) GENERIC TRANSPORTATION RESOURCES (allocated) (5) NET PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4) 11 (6) FY 2019 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5) 33 (7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity) 4.6 (8) Fee-Relief Adjustment (includes small entity) + LLW Surcharge (9) Fee-Relief Adjustment and LLW Surcharge per licensee (10) Part 171 billing adjustments 0.11) Adjustments 12) TOTAL FY 2019 ANNUAL FEE (equals 5+8+10+11) 13) Number of Licensees 14) Fee Per License (equals 12/13) 163, impounded annual fee amount per license, actual \$	INSPECTOR GENERAL(no DNSFB)			0.0	
Figures below in \$, M (unless otherwise indicated) (1) FY 2019 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown below) (2) LESS ESTIMATED PART 170 FEE COLLECTIONS (3) PART 171 ALLOCATIONS (equals 1 - 2) (4) GENERIC TRANSPORTATION RESOURCES (allocated) (5) NET PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4) (6) FY 2019 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5) (7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity) 4.6 (8) Fee-Relief Adjustment (includes small entity) + LLW Surcharge (9) Fee-Relief Adjustment and LLW Surcharge per licensee (10) Part 171 billing adjustments (11) Adjustments 12) TOTAL FY 2019 ANNUAL FEE (equals 5+8+10+11) 13) Number of Licensees 14) Fee Per License (equals 12/13) (15) Introunded annual fee amount per license, actual \$		1,714.0			
Figures below in \$, M (unless otherwise indicated) (1) FY 2019 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown below) (2) LESS ESTIMATED PART 170 FEE COLLECTIONS (3) PART 171 ALLOCATIONS (equals 1 - 2) (4) GENERIC TRANSPORTATION RESOURCES (allocated) (5) NET PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4) (6) FY 2019 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5) (7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity) 4.6 (8) Fee-Relief Adjustment (includes small entity) + LLW Surcharge (9) Fee-Relief Adjustment and LLW Surcharge per licensee (10) Part 171 billing adjustments (11) Adjustments 12) TOTAL FY 2019 ANNUAL FEE (equals 5+8+10+11) 13) Number of Licensees 14) Fee Per License (equals 12/13) (11) Fee Per License (equals 12/13)	SUBTOTAL - FEE BASE RESOURCE	317,803,0	2.994.0	2 765 3	
(1) FY 2019 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown below) (2) LESS ESTIMATED PART 170 FEE COLLECTIONS (3) PART 171 ALLOCATIONS (equals 1 - 2) (4) GENERIC TRANSPORTATION RESOURCES (allocated) (5) NET PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4) (6) FY 2019 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5) (7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity) 4.6 (8) Fee-Relief Adjustment (includes small entity) + LLW Surcharge (9) Fee-Relief Adjustment and LLW Surcharge per licensee (10) Part 171 billing adjustments (11) Adjustments (12) TOTAL FY 2019 ANNUAL FEE (equals 5+8+10+11) (13) Number of Licensees (14) Fee Per License (equals 12/13) (15) Innounded annual fee amount per license, actual \$ (16) Innounded annual fee amount per license, actual \$ (17) Innounded annual fee amount per license, actual \$ (18) Innounded annual fee amount per license, actual \$ (19) Innounded annual fee amount per license, actual \$ (10) Innounded annual fee amount per license, actual \$ (11) Innounded annual fee amount per license, actual \$ (12) Innounded annual fee amount per license, actual \$ (13) Innounded annual fee amount per license, actual \$ (14) Innounded annual fee amount per license, actual \$ (15) Innounded annual fee amount per license, actual \$ (16) Innounded annual fee amount per license, actual \$ (17) Innounded annual fee amount per license, actual \$ (18) Innounded annual fee amount per license, actual \$ (19) Innounded annual fee amount per license, actual \$ (10) Innounded annual fee amount per license, actual \$ (11) Innounded annual fee amount per license, actual \$ (12) Innounded annual fee amount per license, actual \$ (13) Innounded annual fee amount per license, actual \$ (14) Innounded annual fee amount per license actual \$ (15) Innounded annual fee amount per license actual \$ (16) Innounded annual fee amount per license actual \$ (17) Innounded annual fee amount per license actual \$ (18) In				2,700.0	
(2) LESS ESTIMATED PART 170 FEE COLLECTIONS (3) PART 171 ALLOCATIONS (equals 1 - 2) (4) GENERIC TRANSPORTATION RESOURCES (allocated) (5) NET PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4) (6) FY 2019 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5) (7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity) (8) Fee-Relief Adjustment (includes small entity) + LLW Surcharge (9) Fee-Relief Adjustment and LLW Surcharge per licensee (10) Part 171 billing adjustments (11) Adjustments (12) TOTAL FY 2019 ANNUAL FEE (equals 5+8+10+11) (13) Number of Licensees (14) Fee Per License (equals 12/13) (15) Innounded annual fee amount per license, actual \$ (16) Innounded annual fee amount per license, actual \$ (17) Innounded annual fee amount per license, actual \$ (18) Innounded annual fee amount per license, actual \$ (19) Innounded annual fee amount per license, actual \$ (10) Innounded annual fee amount per license, actual \$ (11) Innounded annual fee amount per license, actual \$ (12) Innounded annual fee amount per license, actual \$ (14) Innounded annual fee amount per license, actual \$ (15) Innounded annual fee amount per license, actual \$ (16) Innounded annual fee amount per license, actual \$ (17) Innounded annual fee amount per license, actual \$ (18) Innounded annual fee amount per license, actual \$ (19) Innounded annual fee amount per license, actual \$ (10) Innounded annual fee amount per license, actual \$ (11) Innounded annual fee amount per license, actual \$ (12) Innounded annual fee amount per license, actual \$ (13) Innounded annual fee amount per license, actual \$ (14) Innounded annual fee amount per license, actual \$ (15) Innounded annual fee amount per license, actual \$ (16) Innounded annual fee amount per license, actual \$ (17) Innounded annual fee amount per license, actual \$ (18) Innounded annual fee amount per license, actual \$ (19) Innounded annual fee amount per license, actual \$ (19) Innounded annu	Figures below in \$, M (unless otherwise indicated)				
(2) LESS ESTIMATED PART 170 FEE COLLECTIONS (3) PART 171 ALLOCATIONS (equals 1 - 2) (4) GENERIC TRANSPORTATION RESOURCES (allocated) (5) NET PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4) (6) FY 2019 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5) (7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity) (8) Fee-Relief Adjustment (includes small entity) + LLW Surcharge (9) Fee-Relief Adjustment and LLW Surcharge per licensee (10) Part 171 billing adjustments (11) Adjustments (12) TOTAL FY 2019 ANNUAL FEE (equals 5+8+10+11) 13) Number of Licensees 14) Fee Per License (equals 12/13) (15) Introunded annual fee amount per license, actual \$ 16) 17	(1) FY 2019 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown t	pelow)		· · ·	35.6
(3) PART 171 ALLOCATIONS (equals 1 - 2) (4) GENERIC TRANSPORTATION RESOURCES (allocated) (5) NET PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4) (6) FY 2019 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5) (7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity) 4.6 (8) Fee-Relief Adjustment (includes small entity) + LLW Surcharge (9) Fee-Relief Adjustment and LLW Surcharge per licensee (10) Part 171 billing adjustments 11) Adjustments (12) TOTAL FY 2019 ANNUAL FEE (equals 5+8+10+11) 13) Number of Licensees 14) Fee Per License (equals 12/13) (15) Innounded annual fee amount per license, actual \$					
(4) GENERIC TRANSPORTATION RESOURCES (allocated) (5) NET PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4) (6) FY 2019 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5) (7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity) 4.6 (8) Fee-Relief Adjustment (includes small entity) + LLW Surcharge (9) Fee-Relief Adjustment and LLW Surcharge per licensee (10) Part 171 billing adjustments (11) Adjustments (12) TOTAL FY 2019 ANNUAL FEE (equals 5+8+10+11) (13) Number of Licensees (14) Fee Per License (equals 12/13) (15) Innounded annual fee amount per license, actual \$ (16) Innounded annual fee amount per license, actual \$ (17) Major (Allocations) (after transportation allocated)(equals 2+4) (18) Innounded annual fee amount per license, actual \$ (19) Innounded annual fee amount per license, actual \$ (10) Innounded annual fee amount per license, actual \$ (11) Innounded annual fee amount per license, actual \$ (12) Innounded annual fee amount per license, actual \$ (13) Innounded annual fee amount per license, actual \$ (14) Innounded annual fee amount per license, actual \$ (15) Innounded annual fee amount per license, actual \$ (16) Innounded annual fee amount per license, actual \$ (17) Innounded annual fee amount per license, actual \$ (18) Innounded annual fee amount per license, actual \$ (19) Innounded annual fee amount per license, actual \$ (19) Innounded annual fee amount per license, actual \$ (19) Innounded annual fee amount per license, actual \$ (19) Innounded annual fee amount per license, actual \$ (19) Innounded annual fee amount per license, actual \$ (19) Innounded annual fee amount per license, actual \$ (19) Innounded annual fee amount per license.					16.5
(5) NET PART 171 ALLOCATIONS (after transportation allocated)(equals 3+4) (6) FY 2019 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5) (7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity) (8) Fee-Relief Adjustment (includes small entity) + LLW Surcharge (9) Fee-Relief Adjustment and LLW Surcharge per licensee (10) Part 171 billing adjustments (11) Adjustments (12) TOTAL FY 2019 ANNUAL FEE (equals 5+8+10+11) (13) Number of Licensees (14) Fee Per License (equals 12/13) (15) Innounded annual fee amount per license, actual \$ (16) FY 2019 TOTAL FY 2019 ANNUAL FEE (equals 5+8+10+11) (17) Adjustments (18) Fee Per License (equals 12/13) (19) Fee Per License (equals 12/13)	(3) PART 171 ALLOCATIONS (equals 1 - 2)				19.1
(6) FY 2019 TOTAL ALLOCATIONS (after transportation allocation) (equals 2+5) (7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity) (8) Fee-Relief Adjustment (includes small entity) + LLW Surcharge (9) Fee-Relief Adjustment and LLW Surcharge per licensee (10) Part 171 billing adjustments (11) Adjustments (12) TOTAL FY 2019 ANNUAL FEE (equals 5+8+10+11) (13) Number of Licensees (14) Fee Per License (equals 12/13) (15) Innounded annual fee amount per license, actual \$	(4) GENERIC TRANSPORTATION RESOURCES (allocated)	· .			0.7
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export alloc, small entity) 4.6 (8) Fee-Relief Adjustment (includes small entity) + LLW Surcharge (9) Fee-Relief Adjustment and LLW Surcharge per licensee (10) Part 171 billing adjustments (11) Adjustments (12) TOTAL FY 2019 ANNUAL FEE (equals 5+8+10+11) (13) Number of Licensees (14) Fee Per License (equals 12/13) (15) Announded annual fee amount per license, actual \$ (16) Announded annual fee amount per license, actual \$	(5) NET PART 171 ALLOCATIONS (after transportation allocated)	(equals 3+4)			19.9
(8) Fee-Relief Adjustment (includes small entity) + LLW Surcharge (9) Fee-Relief Adjustment and LLW Surcharge per licensee (10) Part 171 billing adjustments (11) Adjustments (12) TOTAL FY 2019 ANNUAL FEE (equals 5+8+10+11) (13) Number of Licensees (14) Fee Per License (equals 12/13) (15) Announded annual fee amount per license, actual \$ (16) Announded annual fee amount per license, actual \$ (17) Announded annual fee amount per license, actual \$ (18) Fee-Relief Adjustment (includes small entity) + LLW Surcharge (19) Fee-Relief Adjustment (includes small entity) + LLW Surcharge (10) Part 171 billing adjustment and LLW Surcharge per licensee (10) Part 171 billing adjustments (10) Part 171 billing adjustments (11) Adjustments (12) TOTAL FY 2019 ANNUAL FEE (equals 5+8+10+11) (13) Number of Licensees (14) Fee Per License (equals 12/13)	(6) FY 2019 TOTAL ALLOCATIONS (after transportation allocation	n) (equals 2+5)			36.3
(9) Fee-Relief Adjustment and LLW Surcharge per licensee (10) Part 171 billing adjustments (11) Adjustments (12) TOTAL FY 2019 ANNUAL FEE (equals 5+8+10+11) (13) Number of Licensees (14) Fee Per License (equals 12/13) (15) Inrounded annual fee amount per license, actual \$	(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/ex	port alloc, small entity)		4.69%
(10) Part 171 billing adjustments 0.00 (11) Adjustments 12) TOTAL FY 2019 ANNUAL FEE (equals 5+8+10+11) 13) Number of Licensees 14) Fee Per License (equals 12/13) 15) Introunded annual fee amount per license, actual \$ 163,	(8) Fee-Relief Adjustment (includes small entity) + LLW Surcharg	e			0.0
11) Adjustments 12) TOTAL FY 2019 ANNUAL FEE (equals 5+8+10+11) 13) Number of Licensees 14) Fee Per License (equals 12/13) 15) Inrounded annual fee amount per license, actual \$ 163,	9) Fee-Relief Adjustment and LLW Surcharge per licensee				0.00
12) TOTAL FY 2019 ANNUAL FEE (equals 5+8+10+11) 13) Number of Licensees 12 14) Fee Per License (equals 12/13) 0.1 Inrounded annual fee amount per license, actual \$ 163,	10) Part 171 billing adjustments				0.1
13) Number of Licensees 12 14) Fee Per License (equals 12/13) 0.1 Inrounded annual fee amount per license, actual \$ 163,	11) Adjustments				0.000
14) Fee Per License (equals 12/13) 0.1 inrounded annual fee amount per license, actual \$ 163,	12) TOTAL FY 2019 ANNUAL FEE (equals 5+8+10+11)				19.9
inrounded annual fee amount per license, actual \$	13) Number of Licensees				122
	14) Fee Per License (equals 12/13)	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		0.163
					
Nunded annual foo petual \$	nrounded annual fee amount per license, actual \$				163,213
163,	ounded annual fee, actual \$				163,000

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

PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY USINESS LINE: NUCLEAR MATERIALS AND WASTE SAFETY USINESS LINE: Operation ROGRAM: NUCLEAR REACTOR SAFETY BUSINESS LINE: OPERATING REACTORS PRODUCT LINE/PRODUCTS: Training	0.0 0 0 0 1	0 0.1 0 0.1		0 0.1	Contract (\$,K	
BUSINESS LINE: NEW REACTORS	0.0 0 0 0 1	0 0.1		0 0.1		1=
PRODUCT LINE/PRODUCTS: Oversight Allegations & Investigations Total Direct Resources PROGRAM: NUCLEAR REACTOR SAFETY BUSINESS LINE: OPERATING REACTORS PRODUCT LINE/PRODUCTS: Training Business Process Improvement Oversight Allegations & investigations Emergency Preparedness Enforcement Event Evaluation Inspection Mission IT Research & Test Reactor Insp. Security Total Direct Resources Grand Total Nuclear Reactor Safety PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY USINESS LINE: FUEL FACILITIES PRODUCT LINE/PRODUCTS: Total Direct Resources ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY USINESS LINE: NUCLEAR MATERIALS USERS PRODUCT LINE/PRODUCTS: Licensing EDO Operations Oversight Allegations & Investigitions Enforcement Inspection Rulemaking Rulemaking State, Tribal and Federal Pro. Liaison Training Mission Training Mission Training Decommissioning Licensing Actions IT Infrastructure Oversight Inspection International International International International Cooperation Licensing Decommissioning Licensing Actions IT Infrastructure Oversight Inspection Training Mission Training Mission Training Mission Training Mission Training Mission Training Mission Training Decommissioning Licensing Actions IT Infrastructure Oversight University Uni	0.0 0 0 0 1	0 0.1		0 0.1	+	,
Oversight Allegations & Investigations Total Direct Resources PROGRAM: NUCLEAR REACTOR SAFETY BUSINESS LINE: OPERATING REACTORS PRODUCT LINEPRODUCTS: Training Business Process improvement Oversight Allegations & Investigations Emergency Preparedness Enforcement Levent Evaluation Inspection Mission IT Research & Test Reactor Insp. Security Total Direct Resources Grand Total Nuclear Reactor Safety PROPUCT LINEPRODUCTS: Total Direct Resources Total Direct Resources COGRAM: NUCLEAR MATERIALS AND WASTE SAFETY USINESS LINE: FUEL FACILITIES PRODUCT LINEPRODUCTS: Total Direct Resources Licensing EDO Operations Oversight Allegations & Investigations Enforcement Inspection Rulemaking State, Tribal and Federal Pro. Liaison Training Mission Training Total Direct Resources OGRAM: NUCLEAR MATERIALS AND WASTE SAFETY SINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE PRODUCT LINEPRODUCTS: International Interna	0.0 0 0 0 1	0 0.1		0 0.1	1	
Total Direct Resources PROGRAM: NUCLEAR REACTOR SAFETY BUSINESS LINE: OPERATING REACTORS PRODUCT (INEPRODUCTS: Training Business Process Improvement Oversight Allegations & Investigations Emergency Preparedness Enforcement Inspection Mission IT Research & Test Reactor Insp. Security Total Direct Resources Grand Total Nuclear Reactor Safety PRODUCT LINEPRODUCTS: Total Direct Resources PRODUCT LINEPRODUCTS: Total Direct Resources ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY USINESS LINE: FUEL FACILITIES PRODUCT LINEPRODUCTS: Licensing EDO Operations Oversight Allegations & Investigations Enforcement Inspection Rulemaking Rulemaking Rulemaking Rulemaking Total Direct Resources OGRAM: NUCLEAR MATERIALS AND WASTE SAFETY SINESS LINE: Tribal and Federal Pro. Liaison Training Mission Training Total Direct Resources OGRAM: NUCLEAR MATERIALS AND WASTE SAFETY SINESS LINE: DECOMMINSSIONING AND LOW LEVEL WASTE PRODUCT LINEPRODUCTS: International International International International International International Cooperation Licensing Decommissioning Licensing Actions IT Infrastructure Oversight Inspection RMSSON Training Mission Tra	0.0 0 0 0 1	0 0.1		0 0.1		
PROGRAM: NUCLEAR REACTOR SAFETY BUSINESS LINE: OPERATING REACTORS PRODUCT LINEPRODUCTS: Training Business Process Improvement Oversight Allegations & Investigations Emergency Preparedness Enforcement Event Evaluation Inspection Mission IT Research & Test Reactor Insp. Security Total Direct Resources Grand Total Nuclear Reactor Safety PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY USINESS LINE: FUEL FACILITIES PRODUCT LINEPRODUCTS: Total Direct Resources ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY USINESS LINE: NUCLEAR MATERIALS USERS PRODUCT LINEPRODUCTS: Licensing EDO Operations Oversight Allegations & Investigations Enforcement Inspection Rulemaking State, Tribal and Federal Pro. Liaison Training Mission Training Total Direct Resources OGRAM: NUCLEAR MATERIALS AND WASTE SAFETY SINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE PRODUCT LINEPRODUCTS: International Cooperation Licensing Misson Training Misson Training Misson Training Total Direct Resources OGRAM: NUCLEAR MATERIALS AND WASTE SAFETY SINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE PRODUCT LINEPRODUCTS: International International Cooperation Licensing Misson Training Misson Training Misson Training Total Direct Resources OGRAM: NUCLEAR MATERIALS AND WASTE SAFETY SINESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION PRODUCT LINEPRODUCTS: International Cooperation Licensing Emergency Preparedness	0.0 0 0 0 1	0 0.1		0.11	 	<u>. </u>
PROGRAM: NUCLEAR REACTOR SAFETY BUSINESS LINE: OPERATING REACTORS PRODUCY LINEPRODUCTS: Training Business Process Improvement Oversight Allegations & Investigations Emergency Preparedness Enforcement Event Evaluation Inspection Mission IT Research & Test Reactor Insp. Security Grand Total Nuclear Reactor Safety FROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY BUSINESS LINE: FUEL FACILITIES PRODUCT LINEPRODUCTS: Total Direct Resources ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY USINESS LINE: NUCLEAR MATERIALS AND WASTE SAFETY USINESS LINE: NUCLEAR MATERIALS AND WASTE SAFETY USINESS LINE: NUCLEAR MATERIALS USERS PRODUCT LINEPRODUCTS: Licensing EDO Operations Oversight Allegations & Investigations Enforcement Inspection Rulemaking Rulemaking Rulemaking Rulemaking State, Tribal and Federal Pro. Liaison Training Mission Training Total Direct Resources OGRAM: NUCLEAR MATERIALS AND WASTE SAFETY SINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE PRODUCT LINEPRODUCTS: International International Cooperation Ilcensing Decommissioning Licensing Actions IT Infrastricture Oversight Inspection Training Mission Training Total Direct Resources ORAM: NUCLEAR MATERIALS AND WASTE SAFETY SINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE PRODUCT LINEPRODUCTS: International International Cooperation Ilcensing Decommissioning Licensing Actions IT Infrastricture Oversight Inspection Training Mission Training Total Direct Resources ORAM: NUCLEAR MATERIALS AND WASTE SAFETY SINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE PRODUCT LINEPRODUCTS: International Cooperation Ilcensing Emergency Preparedness	0 0 0 1			0 0.1	(0	
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Mission Training Total Direct Resources DGRAM: NUCLEAR MATERIALS AND WASTE SAFETY SINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE PRODUCT LINE/PRODUCTS: International International Cooperation Licensing Decommissioning Licensing Actions IT Infrastructure Dversight Inspection Training Mission Training Total Direct Resources GRAM: NUCLEAR MATERIALS AND WASTE SAFETY INESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION RODUCT LINE/PRODUCTS: International Activities International Cooperation Licensing Emergency Preparedness		0.0	0			
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DOGRAM: NUCLEAR MATERIALS AND WASTE SAFETY SINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE PRODUCT LINE/PRODUCTS: International International Cooperation Licensing Decommissioning Licensing Actions IT Infrastructure Deversight Inspection Training Mission Training Total Direct Resources GRAM: NUCLEAR MATERIALS AND WASTE SAFETY INSESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION RODUCT LINE/PRODUCTS: International Activities International Activities International Cooperation Icensing Emergency Preparedness	24	0.2	30	0.0	(6)	0.2
SINES LINE: DECOMMISSIONING AND LOW LEVEL WASTE PRODUCT LINE/PRODUCTS: International International Cooperation Licensing Decommissioning Licensing Actions IT Infrastructure Deversight Inspection Training Mission Training Total Direct Resources GRAM: NUCLEAR MATERIALS AND WASTE SAFETY INESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION RODUCT LINE/PRODUCTS: International Activities International Cooperation Icensing Emergency Preparedness	31.7	1.1	37.7	. 0.5	(6)	0.6
International International Cooperation Licensing Decommissioning Licensing Actions IT Infrastructure Diversight Inspection Training Mission Training Total Direct Resources GRAM: NUCLEAR MATERIALS AND WASTE SAFETY INESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION RODUCT LINE/PRODUCTS: International Activities International Cooperation International Cooperation International Cooperation International Propagation International Cooperation International Coop						
International International Cooperation International Cooperation International Cooperation Infrastructure Decommissioning Licensing Actions IT Infrastructure Deversight Inspection Training Mission Training Total Direct Resources GRAM: NUCLEAR MATERIALS AND WASTE SAFETY INESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION RODUCT LINE/PRODUCTS: International Activities International Cooperation International Cooperation Censing Emergency Preparedness						
International Cooperation Licensing Decommissioning Licensing Actions IT Infrastructure Diversight Inspection Training Mission Training Total Direct Resources GRAM: NUCLEAR MATERIALS AND WASTE SAFETY INESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION RODUCT LINEIPRODUCTS: International Activities International Cooperation International Cooperation International Cooperation International Propagation International Cooperation Intern						
Decommissioning Licensing Actions IT Infrastructure Dversight Inspection Training Mission Training Total Direct Resources GRAM: NUCLEAR MATERIALS AND WASTE SAFETY INESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION RODUCT LINE/PRODUCTS: Iternational Activities International Cooperation censing Emergency Preparedness	0	0.0	0	0.0		
IT Infrastructure Oversight Inspection Training Mission Training Total Direct Resources GRAM: NUCLEAR MATERIALS AND WASTE SAFETY INESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION RODUCT LINE/PRODUCTS: Iternational Activities International Cooperation				0.0	0	0.0
Oversight Inspection raining Mission Training Total Direct Resources GRAM: NUCLEAR MATERIALS AND WASTE SAFETY INSESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION RODUCT LINEIPRODUCTS: tternational Activities International Cooperation censing Emergency Preparedness	0	6.0	0	1.0		5.0
raining Mission Training Total Direct Resources GRAM: NUCLEAR MATERIALS AND WASTE SAFETY INESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION RODUCT LINE/PRODUCTS: Iternational Activities International Cooperation International	312	0.0	0	0.0	312	0.0
Mission Training Total Direct Resources GRAM: NUCLEAR MATERIALS AND WASTE SAFETY INESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION RODUCT LINE/PRODUCTS: tetrnational Activities International Cooperation Icensing Emergency Preparedness	0	6.4	0	6.3	0	0.1
Total Direct Resources GRAM: NUCLEAR MATERIALS AND WASTE SAFETY INESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION RODUCT LINE/PRODUCTS: atternational Activities International Cooperation Icensing Emergency Preparedness						
GRAM: NUCLEAR MATERIALS AND WASTE SAFETY INESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION RODUCT LINEIPRODUCTS: International Activities International Cooperation	183 495	12.4	240	0.0	(57)	0.0
INESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION RODUCT LINE/PRODUCTS: ternational Activities International Cooperation censing Emergency Preparedness	700	12.7		7.3	255	5.1
RODUCT LINEIPRODUCTS: iternational Activities International Cooperation icensing Emergency Preparedness						
International Activities International Cooperation Idensing Emergency Preparedness						
censing Emergency Preparedness	,	- -				
Emergency Preparedness	1	0.0	0	0.0	0	0.0
	0					
Environmental Reviews		6	2207	1 4	0	0.0
Fukushima NTTF IT Infrastructure	0		0	0	(2,090)	2.0 0.0
Licensing Actions	0 117 0	. 0	0	0	183	0.0
Licensing Support	0 117 0 182.5	0		1	0	2.0
Mission IT NSPDP Training	0 117 0		155 468	11	85	(2.2)

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

	1					
	FY19		FY18		Differen	ce
	Contract (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	FT
Policy Outreach	0					
Security	1 0	0.5	0	0	0	
Storage Licensing	300	3 23	0	3	. 0	
Transportation Certification	. 0	0	45	23	255	<u></u>
Oversight		U	0	0	0	
Security	0	3			ļ <u></u> -	<u> </u>
Inspection	- 0	8.5	0	3	0	9
Research		0.5	· - U	8.5	. 0	
Waste Research	615	2.0	730		·	<u> </u>
Rulemaking	013	2.0	/30	2.0	(115)	. (
Rulemaking (PL)	0	4.0				
Rulemaking Support	0	0.4	0	4.0	0	0
Security	0	0.0	32	8.0	(32)	(0
Training	V		0	0.0	0	0
Mission Training	51	0.0	15			
Travel	31	0.0	15	0.0	36	0
Mission Travel	. 0					
Total Direct Resources	2,230.5	64.3	3,996	62.9	(1,766)	1
Grand Total Nuclear Materials & Waste Safety					(1,700)	
Grand Total Nuclear Materials & Waste Safety	2,757.2	77.8	4,273.7	70.7	(1,517)	7.
			7			
DTAL SPENT FUEL STORAGE & REACTOR DECOMM.						<u> </u>
	2,765.3	78.2	4,276	71.1	(1,510)	7
otal value of budgeted resources for fee class(mission direct FTE x full cost of FTE				- +		<u>. </u>
mission direct contract \$)	\$35,591		\$33,807		\$1,784	

SPENT FUEL STORAGE/REACTOR DECOMMISSIONING ANNUAL FEE FY 2018

LICENSES SUBJECT TO THE ANNUAL FEE:

Operating Power Reactor Licensees: 98

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

Total No. of Reactors in decommissioning or possession only status with fuel onsite: 20

Part 72 Licensees without a Part 50 License

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

Total Part 72 licenses: 4

The annual fee is determined by dividing the total budgeted costs of approximately \$24.2 million (including the fee-relief activities) by the total number of licensees (122). This results in an annual fee (rounded) of \$198,000 per license.

Part 171 Annual Fees

Fuel Facilities

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

The FY 2019 budgeted cost to be recovered in the annual fees assessment to the fuel facility class of licenses [which includes licensees in fee categories 1.A.(1)(a), 1.A.(1)(b), 1.A.(2)(a), 1.A.(2)(b), 1.A.(2)(c), 1.E., and 2.A.(1), under §171.16] is approximately \$24.8 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 part 170 collections and adjusted for allocated generic transportation resources, and the fee relief surcharge.

FY 2019 MISSION DIRECT BUDGETED RESOURCES				
				FACILITY
	CONTRACT	TOTAL		CATIONS
	\$,K	FTE	CONTRAC \$,K	
			Ψ,/\	FTE
NUCLEAR REACTOR SAFETY	113,923.0	1,863.0	8.	0
NUCLEAR MATERIALS & WASTE SAFETY (no HLW/Gen Fund) CORPORATE	18,921.0	464.0	2,000.	7 6
INSPECTOR GENERAL(no DNSFB)	183,545.0	609.0	0.	0
	1,414.0	58.0		
SUBTOTAL - FEE BASE RESOURCE	317,803.0	2,994.0	2,008.	7 66
Figures below in \$, M (unless otherwise indicated)				
(1) FY 2019 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown	below)			30.0
(2) LESS ESTIMATED PART 170 FEE COLLECTIONS		· ·		7.2
(3) PART 171 ALLOCATIONS (equals 1 - 2)				22.8
(4) GENERIC TRANSPORTATION RESOURCES (allocated)				1.3
(5) NET PART 171 ALLOCATIONS (after transportation allocated	d)(equals 3+4)			24.0
(6) FY 2019 TOTAL ALLOCATIONS (after transportation allocation	on) (equals 2+5)			31.3
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/e	export alloc, small entity)			4.04%
8) Fee-Relief Adjustment (includes small entity) + LLW Surchar	ge			0.8
9) Fee-Relief Adjustment and LLW Surcharge per licensee	·			
10) Part 171 billing adjustments				0.04
11) Adjustments				0.000
12) TOTAL FY 2019 ANNUAL FEE (equals 5+8+10+11)				24.8
13) Number of Licensees				different for
14) Fee Per License (equals 12/13)				different categories of licenses; see
nrounded annual fee amount per license, actual \$		·		other worksheets
ounded annual fee, actual \$				
				<u>·</u>
E FULLY COSTED RATE (average based on budget data, actual \$): se Determination of Hourly Rate for calculations	419,767			

Mission Direct Budgeted Resources for Fuel Facilities Fee Class

	<u> </u>	FY19		FY18		Differen	
	Contra	act (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	
ROGRAM: NUCLEAR REACTOR SAFETY							E
USINESS LINE: NEW REACTORS	<u> </u>			+	├		┼
			<u> </u>				
PRODUCT LINE / PRODUCTS: Total Direct Resources		· 			L. 1		1
Total Direct Resources		0	. 0.0	0	0.0	0	
ROGRAM: NUCLEAR REACTOR SAFETY				<u> </u>			<u> </u>
USINESS LINE: OPERATING REACTORS	•			 		<u> </u>	<u> </u>
PRODUCT LINE/PRODUCTS:			<u> </u>	 		+	
Oversight				 		 	
Allegations & Investigations		0	0.0	0	0.0	Ö	\vdash
Emergency Preparedness Enforcement		0	0.0		0.0	Ö	
Event Evaluation	·	. 0	0.0		0.0	0	
Inspection		. 0	0.0	0	0.0	0	
Mission IT,		8.0	0.0	0	0.0	0	
Research & Test Reactor Insp.		0.0	0.0	0	0.0	8	
Security		0	0.0	0	0.0	0	
Training				· · · · · · · ·		 	
Business Process Improvements		0	0.1	0	0.0	0	
Mission Training NSPDP Training		0	0.0	0	. 0.0	0	
Total Direct Resources	— <u> </u>	0	0.0	. 0	0.0	0	
		8.0	0.1	0	0.0	8	
Grand Total Nuclear Reactor Safety		8.0	0.1	0	0.0	<u> </u>	
· · · · · · · · · · · · · · · · · · ·		J.0			0.0	8	
OGRAM: NUCLEAR MATERIALS AND WASTE SAFETY	,						
SINESS LINE: FUEL FACILITIES		-+		 	+ 1	· · · · · · · · · · · · · · · · · · ·	
PRODUCT LINE/PRODUCTS:		-+	- +	 		 	
Event Response							
Response Operations International Activities		30	2.0	30	2.0	. 0	
International Cooperation							
Licensing	 + -	- 0	0.0	0	0.0	0	
Emergency Preparedness	- -	. 0	0.0	 			
Environmental Reviews		0	0.0	300	1.0	(300)	_ (
Fukushima NTTF		o o	0.0	0	0.0	(300)	_{(
Licensing Actions		955	23.0	412	27.0	543	(4
Licensing Support		0	0.0	0	0.0	0.0	—, c
Policy Outreach		0	1.0	. 0	0.0	0	
Security Oversight		0	3.0	. 0	2.0	0	1
Allegations & Investigations							
Emergency Preparedness		0	0.0	0	0.0	0	(
Enforcement		10	2.0	0	0.0	0	0
Inspection		- 10	25.0	10	30.0	0	(1
IT Infrastructure		367	0.0	0	0.0	367	<u>(5</u>
NSPDP Training		0	0.0	0	1.0	0	(1
Mission iT		9	0.0	0	0.0	9	(1
Security		312	6.0	312	7.0	0	(1
Research Longterm Research							
Materials Research		0	0.0	. 0	0.0	0	Ō.
ulemaking (PL)		0	0.0	0	0.0	0	0.
Rulemaking		0	4.0		76		
Rulemaking support		0	0.0	23	7.0	(23)	(3,
Security		- 6	0.0	0	0.0	0 .	0.
raining							U.
Mission Training		253	0.0	125	0.0	128	0.
NSPDP Training	· ,	0	0.0	0	0.0	. 0	0.
Total Direct Resources	1,9	36.0	66.0	1,212	81.0		(15.
GRAM: NUCLEAR MATERIALS AND WASTE SAFETY							
NESS LINE: NUCLEAR MATERIALS USERS	` 						
RODUCT LINE/PRODUCTS:							
ternational Activities	_		- + 1	·			<u>. </u>
Multilateral/Bilateral		0	0.0	0	0.0	- 0	n (
ensing		 			0.0	. "	0.0
EDO Operations		0	0.0	0	0.0	0	0.0
ersight							
Allegations & Investigations Enforcement		0	0.0	0	0.0	0	0.0
Event Evaluation		0	0.0	0	0.0		
Inspection		0	0.0	0	0.0	0	0.0
Mission IT		6	0.0	. 6	0.0	(0)	0.0
Security	- 	0	0.0	0	0.0	0	0.0
lemaking	- 	<u> </u>	++		- 	0	0.0
Rulemaking		0	0.0	0	0.0	0	0.0
nte Tribal and Federal Programs	· 1						0.0
Liaison		0	0.4	0	0.5	0	(0.1)
Ilning Mission Training							,
mission mailing	1 '	43	0.2	53	0.2	(10.0)	0.0

Mission Direct Budgeted Resources for Fuel Facilities Fee Class

	· FY19		FY18	l	Differen	ce
	Contract (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	Īπ
	-					1—
ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY		-	· · · · · · · · · · · · · · · · · · ·	<u> </u>		
JSINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE	L	├		1		
PRODUCT LINE/PRODUCTS:	ļ		<u> </u>			
Licensing			<u> </u>			
Decomm Licensing Actions	 	 		ļl_		
IT Infrastructure	0	0.0	0	0.0		
Uranium Recovery Env. Reviews	0	0.0	. 0	0.0	0	
Uranium Recovery Lic. Actions	0	0.0	0	0.0	0	
Training	0	0.0		0.0	0	
Mission Training	L					
Oversight	16	0.0	13	0.0	3	
Inspection			·		· ·	
Total Direct Resources	0	0.0	0	0.0	0	
	16.0	0.0	13.0	0.0	3	
OGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
SINESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION						
PRODUCT LINEPRODUCTS:			<u> </u>			
Licensing						
Emergency Preparedness						
Environmental Reviews	0	0.0	0	0.0	0	_
Licensing Support	0	0.0	0	0.0	Ö	
Rulemaking	0	0.0	0	0.0	. 0	
Security	0	0.0	0	0.0	o l	_
Storage Licensing	0	0.0	0	0.0	0	-i
	0	0.0	0	0.0	. ŏl	
Transportation Certification Total Direct Resources	0	0.0	0	0.0	0	
Total Direct Resources	0	0.0	0	0.0	0	
Grand Total Nuclear Materials & Waste Safety	- 0000 7					
	2,000.7	66.6	1,284.0	81.7	717	(15
		-+	+			
AL FUEL FACILITY			_	-++		
AL FOLL FAULUIT	2,008.7	66.7	1,284	81.7	725	(15
I value of budgeted resources for fee class(mission direct FTE x full cost of FTE		-+		II		
ssion direct contract \$)	30,007		25.045			
	30,007		35,218		(\$5,211)	

FUEL FACILITY ANNUAL FEES FY 2019

 Part 171 Amount
 \$24,039,481

 Loss Billing Adjustment
 44,443

 Less Recission Adjustment
 TOTAL

 \$24,083,024

-				SAFETY	SAFEGUARDS	<u>s</u>		TOTAL		FEE-RELIEF	TOTAL ANNUAL FEE				
Allocation	n of Part 171 Amount to Safety/Safeg	uards .	i.	\$13,813,902	\$10,270,022			\$24,083,924		\$764,628	\$24,848,552				
					EFFORT FACTO	ORS .		*	•		*				
FFF 01**		NUMBER OF LICENSES		Safety	•	Safeguards		Total			•	-			•
FEE CATE 1A(1)(a) 1A(1)(b)	SSNM (HEU) SNM (LEU) LIMITED OPS	2 3			% 46.1% 36.6%	91 21	% 64.1% 14.8%	179	% 53.8%	· ·	•				
1A(2)(a)	(Paducah) OTHERS (Gas	0		0	0.0%	0	0.0%	91 0	27.3% 0.0%						•
1A(2)(b)	enrichment demonstration) OTHERS (hot	0		Ö	0.0%	σ	0.0%	0	_f 0.0%		•				
1A(2)(c) 1E	cell facility) ENRICHMENT	0 . 1		0 · · · 21	. 0.0% 11.0%	0	0.0%	o	0.0%			•			
2A(1)	UF6 (Honeywell)	1	<u>_</u> ,	12	6.3%	23 7	16.2% 4.9%	44 19	13.2% 5.7%		· -			,	
	TOTAL	7	% of total	191 57.4%	100.0%	142 42.6%	100%	333	. 100%	-	•				
ALLOCATI	ON to CATEGORY			:		·		,			(5)				
Fee Catego	_			(1)		(2)		(3)		(4)	TOTAL ANNUAL FEE PER	FY 2019 Annual Fee	FY 2018		GRAND
1A(1)(a)	SSNM (HEU)	. 2	ŧ	* \$6,364,520		\$6,581,493		\$12,946,013	•	244.24	LICENSE	Rounded	Annual Fee	% inc./dec.	TOTALS
1A(1)(b) 1A(2)(a)	SNM (LEU) LIMITED OPS (Paducah)	3		5,062,687 0		1,518,808 0		6,581,493	•	\$411,016 \$208,952	\$6,678,515 \$2,263,482	\$6,679,000 \$2,263,000	\$7,346,000 \$2,661,000	-9.1% -15.0%	13,357,030 6,790,445
1A(2)(b)	OTHERS (Gas centrifuge enrichment	0		.0		о. О		0		\$0 .	\$0	\$0	\$0	0.0%	0
1A(2)(c)	demonstration) OTHERS (hot cell facility)	O	•					· + 0		\$0	\$0	\$0	\$0	#DIV/0!	0
1E	ENRICHMENT	1		1,518,806		0 1,683,454		0		\$O	. \$0	\$0	· \$0	#DIV/0!	Ó
2A(1)	UF6 (Honeywell)	1		867,889	<i>:</i>	506,269	-	3,182,260 1,374,158	•	\$101,032 \$43,627	\$3,283,292 \$1,417,785	\$3,283,000 \$1,418,000	\$3,513,000	-6.5%	3,283,292
		7		\$13,813,902							Ψητίη μου	31,410,000	\$1,517,000	-6.5%	1,417,785
	•			¥10,010,80Z		\$10,270,022		\$24,083,924		\$764,628	•		•	-	24,848,552

Cols 1 and 2=budgeted amounts x percent of total effort factor
Col 3 = Col 1 + Col 2

Col 4 = Total fee-relief x percent of total effort factor

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

NRC FUEL CYCLE FACILITIES FY 2019 ANNUAL FEES - EFFORT FACTOR MATRIX

CATEGORY			FEE	SOL	JD.	,							PROC	ESSES											_		
CATEGORY	LICENSEE	DOCKET	CATEGORY	UF6/M	ETAL		HMENT		TUID F6	BL	DOWN END	COMA	RSION DER		LET)Di		RAP/	_	—	SENS	ITIVE				1
Fuel Fabrication	BWXT (SNM-42)	İ		 -	SG	S	SG	S	SG	S	SG	S	SG	S	SG	S	DLE SG	WA	STE SG	HOT S	CELL.	INFORM	MATION	SUBT	OTALS	TOTAL	
(HEU)	NFS	70-00027	1A(1)(a)	10	10	0	0	0	0	5	5	5	5	10						<u> </u>	SG	<u> </u>	SG	S	SG		1.
	(SNM-124)	70-00143	1A(1)(a)	10	10		0	0		1		<u> </u>		 '' -	-	5_	5	10	5	1_1_	1_	1_1_	10	47	46	93	
	LES (SNM-2010)	70-03103	1E	10	1.	5	10	-		10	10	10	10	0_	0	0_	0	10	5	. 0	0	1	10	41	45	86	1
Uranium Enrichment	Centrus ACP (SNM-2011)°	70-07004	1E	10					_1_	0	0	-0-	<u>0</u>	0	0	0	0	5	1	0	0	. 0	10	21	23	44	
	Global Laser Enrich (SNM-2019)*	70-07016	1E			. 5	10	1	1.	0	0	0	0 .	.0	0	0	0.	5	1.5	. 0	0	0	10				ļ.,
	Global Nucloar Fuels (SNM-1097)	70-01113		10	1	_5_	10	1_	_1_	-	0	0	0 '	. 0	0	0	0	5	1	.0	0	0.	10			-	No No
Fuel Febrication (LEU)	Framatome (SNM-1227)	70-01257	1A(1)(b)	. 5		_1_	-0	_1	1	0	0_	5	1	5	1	1	_1	5	1	0	0	1	1	24	-	<u> </u>	
	Westinghouse	70-01257	1A(1)(b)	5	-1-	· 0	0_	1	_1_	0_	0	_5_	_1_	_ 5	_1	_ 1_	1	5	1	0	0					31	l
	Honeywell	70-01151	1A(1)(b)	5	1	0	0	_1_	_1 :	0	0	5	1	5	1									_23_	- 7	30_	1
UF6 Conversion	(SUB-526) International lactopes	40-03392	2A(1)	5	1	0	١	5	- 5	n	0			<u> </u>				. 5		0	0_	_1	1	23	7 ·	30	
		40-09086	2A(1)	' 5	1	0	0	/ '5	5	-		- '-	-	0	- 0	0	0	1	_0	0_	_ 0	0	_1_	12	_7	19	i
Enrichment Demonstration				٠.		•	-		3		0 /	_1_	0.	0	0	0	0	1	0	. ,0	_0	0	1				Not
Hot Cell	None		1A(2)(b)	0	0	0	0	0	0	0	0	0	ا	0		0											. 100
1101 0011	None		1A(2)(c)	0	0	0	0	0	0	0		0		<u> </u>		U	-		-	_0_		0	-	0	0	0	
= Safety G = Safeguards	HIGH = MODERATE=		10									U	<u> </u>	0	0]	0	.0	0	0	_0_	<u>o</u>	0	٥	0	0	0	
J75	LOW =		5 1							•							•					т	OTALS	191	142	333	

No Changes New Addition

Changes from Prior Year:

NONE =

Notes:

1 Centrus ACP is licensed, but not proceeding with construction.
2 Global Leser Enrichment is licensed, but not proceeding with construction.
3 International Isotopes is licensed, but not proceeding with construction.
4 The license for AREVA Eigle Rock was summinated.
5 Global Nuclear Busis effort lectors for salequands made consistent with other LEU facilities 6 NFS factors for Scrap/Wasto changed to be consistent with BWXT.

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

Division Director, FCSE

P:\FMB\Fee Communicator\FY19 Fee Rule\FY19 NMSS edits to 2018 Fuel Facilities Effort Factors Matrix.xiax

Part 171 Annual Fees

Uranium Recovery Facilities

Section III.B.2.d

Table XI
Table XII
Table XIII
Table XIV

The total FY 2019 budgeted cost to be recovered through annual fees assessed to the uranium recovery class [which includes licensees in 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 \$170,000 (rounded).

Of the required annual fee collections, \$120,000 is assessed to DOE's Uranium Mill Tailings Radiation Control Act (UMTRCA) under fee category 18.B. The remaining \$49,000 (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), and a uranium water treatment facility.)

FY 2019 MISSION DIRECT BUDGETED RESOURCES	· ·		-	·L
	:		URANIU	M RECOVERY
		TOTAL		CATIONS
	CONTRACT		CONTRACT	
	\$,K	FTE	\$,K	FTE
NUCLEAR REACTOR SAFETY	113,923.0	1,863.0	0.0	0.
NUCLEAR MATERIALS & WASTE SAFETY (no HLW/Gen Fund)	18,921.0	464.0	160.8	2
CORPORATE	183,545.0	609.0	0.0	0.
INSPECTOR GENERAL(no DNSFB)	1,414.0	58.0		
SUBTOTAL - FEE BASE RESOURCE	317,803.0	2,994.0	160.8	2.
Figures below in \$, M (unless otherwise indicated)				
(1) FY 2019 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown b	elow)			1.1
(2) LESS ESTIMATED PART 170 FEE COLLECTIONS				0.9
(3) PART 171 ALLOCATIONS (equals 1 - 2)				0.2
(4) GENERIC TRANSPORTATION RESOURCES (allocated)				
(5) NET PART 171 ALLOCATIONS (after transportation allocated)((equals 3+4)			0.2
(6) FY 2019 TOTAL ALLOCATIONS (after transportation allocation	ı) (equals 2+5)			1.1
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/exp	port alloc, small entity)		0.14%
(8) Fee-Relief Adjustment (includes small entity) + LLW Surcharge				0.0
(9) Fee-Relief Adjustment and LLW Surcharge per licensee				•
(10) Part 171 billing adjustments				0.0
11) Adjustments				0.000
12) TOTAL FY 2019 ANNUAL FEE (equals 5+8+10+11)				0.2
13) Number of Licensees		<u>;</u> .		
14) Fee Per License (equals 12/13)				different for different categories of
nrounded annual fee amount per license, actual \$			·	censes; see other worksheets
ounded annual fee, actual \$				
				·
TE FULLY COSTED RATE (average based on budget data, actual \$): Determination of Hourly Rate for calculations	419,767			

.

Mission Direct Budgeted Resources for Uranium Recovery Fee Class

	FY19			18	Differe	nce
	Contract (\$,K)	FTE	Contract (\$,	() FTE	Contract (\$,K)	FI
PROGRAM: NUCLEAR REACTOR SAFETY					-	=
BUSINESS LINE: NEW REACTORS			+		 	+
PRODUCT LINE/PRODUCTS:	<u> </u>	-	 		 	
Total Direct Resources						1
Total Direct Resources	0	0.0		0 0.	0	0
PROGRAM: NUCLEAR REACTOR SAFETY		 				
BUSINESS LINE: OPERATING REACTORS		 		- , -	 	<u> </u>
PRODUCT LINE/PRODUCTS:		 				<u> </u>
Total Direct Resources	0	0.0		0 0.0	n) (
					' 	,
Grand Total Nuclear Reactor Safety	0	0.0		0 0.0	5 7	5 0
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						
BUSINESS LINE: FUEL FACILITIES						
PRODUCT LINE/PRODUCTS:						
Total Direct Resources	 	- 0.0				
	0	0.0		0.0	0) <u> </u>
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY					 	+
BUSINESS LINE: NUCLEAR MATERIALS USERS			 	+	+ +	+
PRODUCT LINE/PRODUCTS:					 	
Rulemaking				+ -		+
Rulemaking	0	0.0		0.0	1 0	0
State Tribal and Federal Programs Agreement States						
Liaison	0	0.0		0.0	0	0
Training	0	0.0		1.0	0	(1.
Mission Training	 					
NSPDP Training	0	0.0		0.0		
Total Direct Resources	0	0.0				
	·	0.0		1.0	0	(1.
ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY					, 	
USINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE				_	 	
PRODUCT LINE/PRODUCTS:						
Licensing Decommissioning Licensing Actions						
Uranium Recovery Envir. Reviews	0	0.8	0		0	0.
Uranium Recovery Lic. Actions	100	0.4	1,946		(1,846)	(6.0
Oversight	60	0.7	60	14.0	0	(13.
Inspection		0.4		4.7		-
Mission Training	- ·	0.4	· · · · · · · ·	4.7	0	(4.3
Training	1	0.0	27	0.0	(26)	0.0
Total Direct Resources	161	2.3	2,033	26.5	(1,872)	(24,2
OCCIDAN, MUCI FAD MATERIAL O AND MATERIAL O					(1,0.2)	\27.2
ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY JSINESS 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	160.8	2.3	0.000		-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	100.0	2.0	2,033	27.5	(1,872)	(25.2
			 	 	+	
			-	 -	 	
TAL URANIUM RECOVERY	161	2.3	2,033	27.5	(1,872)	(25.2
			2,000	27.5	(1,0/2)	(25.2
al value of budgeted resources for fee class(mission direct FTE x full cost of				-	 	
E + mission direct contract \$)	\$1,126		\$13,455	+	(\$12,329)	
					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	7 -					

URANIUM RECOVERY ANNUAL FEES FY 2019

TOTAL ANNUAL FEE AMOUNT (excl. fee-relief adjustment): TOTAL FEE-RELIEF ADJUSTMENT:

GROUP 1 Calculation of DOE Annual Fee

Fee Category	_	contract \$	FTE	FTE Rate	Less: Part 170 Receipts	Total •
18.B.	DOE UMTRCA Budgeted Costs:	\$0	0.80	\$419.767	-\$220,825	\$114,988
	10% x (Total Annual Fee Amount (excl. Fee-Relief) less UMTRCA)				-VLE0,023	\$5,484
	10% of Fee-Relief Activities					
	•				•	-\$21
•	•	,	,	DOE's Ann	Total: ual Fee Rounded:	\$120,451 \$120,000

GROUP 2 Calculation of Annual Fee Amount for Remaining UR Licensees

CALCULATION OF ANNUAL FEE AMOUNTS BY CATEGORY:

(1) (2) (3) (4) (5)

Type of Site	Fee Category	Number of Licenses	Category Benefit	Total Benefit Value	Percent	Total base annual fee
Conventional & Heap Leach Mills	2.A.(2)(a)	0				
Basic In-situ Recovery Facilities	2.A.(2)(b)	1 .	400	-	0%	,\$0
Expanded In-situ Recovery Facilities	2.A.(2)(c)		190	190	100%	\$49,355
n-situ Recovery Resin Facilities		0	-	-	0%	\$0
Resin Toll Milling Facilities	2.A.(2)(d)	0	-	-	0%	\$0
	2.A.(2)(e)	Ο,	-	-	- 0%	\$0
Facilities for Disposal of 11e(2) Materials	2.A.(3)	0	-	-`	0%	\$0
Disposal Incident to Operation at Licensed Facilities	2.A.(4)	0 .		_		• -
Jranlum Water Treatment Facility	2.A.(5)	. 0		_	0%	\$0
·	(-)			-	0%	\$0
· · TOTAL	:	1	190	190	100%	\$49,355

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 Fee-Relief Adjustment Amount/Col. 1
Col. 8= Col. 6 + Col. 7

(6) (7) (8)

_		Annual Fee Per License FY 2019 Annual Fee					
_	Base	Fee Relief	Total	Rounded	FY18 Fee	% Inc./dec.	GRAND TOTAL
	\$0	\$0	\$0	\$0	\$38,800	-100.00%	\$0
	\$49,355	-\$192	\$49,163	\$49,200	\$49,200	0.00%	\$49,163
	\$0	\$0	\$0	\$0	\$55,700	-100.00%	\$45,165
	N/A	N/A	N/A	N/A	N/A	N/A	\$0
	N/A	N/A	N/A	N/A	N/A	N/A	\$0
	N/A	N/A	N/A	N/A	N/A	. N/A	. \$0
	. \$0	\$0	\$0	\$0	\$22,000	-100.00%	\$0
	- \$0	\$0		\$0	\$6,500	-100.00%	\$0
			•			-	\$49,163
						DOE	0.00

								2.			••		
•	*		•		•				٠,				
•			•		•	•					•		
									•				•
1	URANII	UM.RECOVE	Y MATRI	COE DECULA					,				
	includes	facilities in o	perational	Status (even i	TORY B	ENEFIT BY	ATEGO	RY OF LICENS	SEE			т	ד
	<u> </u>	T	TO DETE	RMINE ANNUAL	FEES FO	R FY19 FEE RU	possess	on only license	ees			 	1
			ءل_	T	PE OF O	PERATING AC	TIN O'THE		<u> </u>		- 		1
			- "	Operations weight =	Wast	e Operations	Ground	water Protection		+			}
ļ	ļ	No. of Licensees		10:	<u>·v</u>	veight = :	w	eight =		<u> </u>	 	 	
	}	to, or Licenseus						T''	+				
			.	Total Score		Total Score		Total Score		L		1].
Type of Site	© Fee Category	 	Benefit	weight)	Benefit	Total Score (=benefit score • welght)	Benefit	(=benefit score weight)	Total Score, a	Total Score, all Licensees per	Percent total	•	
Conventional and Heap Leach Mills	0440							weighti	activities	category	Annual Fee, per Licensee	ļ	Í
	2(A)2a	0	0	0	0	0	. 0		0			 	
Basic in Situ			- 		<u> </u>					0	. 0%	0.0000	
Recovery Facilities	2(A)2b	- 1:	·					l ' -			<u> </u>		
Expanded in Situ Recovery Facilities		-	7 . 9 <i>-</i>	90	2	10		90	190	190	100%	4 0000	1
In-situ Recovery	2(A)2c	0 "	0	0.	_ 0 ′	o	0				-	1.0000	
Resin Facilities Resin Toll Milling	2(A)2d	0	_		0	0			 0	0	0%	0.0000	1
Facilities	2(A)2e	0				-	0.	0	0	.0	0%	0.0000	
Facilities for				- 0	0	0 .	0	0			0%		
Disposal of 11e(2)				i							070	0.0000	
Materials	2(A)3	0	0	0	0				·				
							<u> </u>	0	0	0	0%	0.0000	
Disposal incident to Operation at		·	ŀ					-					• • •
Licensed Facilities	2(A)4	0		_ 1				. [·			
Uranium Water			0	0		0	0 '	0		0	0%		
Treatment Facility	2(A)5	0				, 						0.0000	
				0	-0	0	_ 0	0	1. 0	0	0%		
Grand Total		<u></u>									0%	0.0000	
			- 	<u>i</u>	$-$ _ 1				 	190			
Level of Regulatory			Benefit fa	ctors under "Oper	ations", "V	Vaste Operation	s", and "Gr	oundwater		190		1.0000	
0 to 10 (examples)	[,		from gener	reflect the regulatic uranium recover	tory bene	fit to each licens	ee in the fe	e category					
None	0		╁									1	
Minor Some	5	T	<u> </u>	<u></u>								·	
Šienis.			- ·					·					•
Significant	10		 	<u>_</u>			•						•
<u> </u>			<u> </u>										
		. –											
								,					
		-	•				•		er sit			•	
											•		e ·
•	,	•	•	•									

Part 171 Annual Fees

Research and Test Reactors

Section III.B.2.e

Table XV

Approximately \$316,000 in budgeted costs is to be recovered through annual fees assessed to the research and test reactor class of licenses for FY 2019. This required annual fee recovery amount is divided equally among the four research and test reactors subject to annual fees, and results in a FY 2019 annual fee of \$79,000 for each licensee.

			TEST AN	ID RESEARCH ACTORS
	TC	TAL		OCATIONS
	CONTRACT		CONTRACT	
	\$,K	FTE	\$,K	FTE
NUCLEAR REACTOR SAFETY				
NUCLEAR MATERIALS & WASTE SAFETY (no HLW/Gen Fund)	113,923.0	1,863.0		
CORPORATE	18,921.0 183,545.0	464.0		 _
INSPECTOR GENERAL(no DNSFB)	1,414.0		0.0	···
SUBTOTAL - FEE BASE RESOURCE				
	317,803.0	2,994.0	285.7	
Figures below in \$, M (unless otherwise indicated)				· _
(1) FY 2019 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown	n below)			1.293
(2) LESS ESTIMATED PART 170 FEE COLLECTIONS				1.006
(3) PART 171 ALLOCATIONS (equals 1 - 2)				0.287
(4) GENERIC TRANSPORTATION RESOURCES (allocated)				0.027
(5) NET PART 171 ALLOCATIONS (after transportation allocate	d)(equals 3+4)			0.314
(6) FY 2019 TOTAL ALLOCATIONS (after transportation allocati	on) (equals 2+5)	· .		1.320
(7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/	export alloc, small entity)			0.17%
8) Fee-Relief Adjustment (includes small entity) + LLW Surcha	rge	·		-0.0003
9) Fee-Relief Adjustment and LLW Surcharge per licensee				-0.0001
10) Part 171 billing adjustments				0.002
11) Adjustments				0.000
12) TOTAL FY 2019 ANNUAL FEE (equals 5+8+10+11)				0.316
13) Number of Licensees				4
14) Fee Per License (equals 12/13)				0.0790
nrounded annual fee amount per license, actual \$				79,013
ounded annual fee, actual \$				
				79,000
TE FULLY COSTED RATE (average based on budget data, actual \$): te Determination of Hourly Rate for calculations	419,767			

Mission Direct Budgeted Resources for Test and Research Reactors Fee Class

	FY1	19		FY1	8	Differe	лсе
	Contract (\$,K) 1	FTE	Contract (\$,K) FTE	Contract (\$,K	
						- Johnson (Witte	
PROGRAM: NUCLEAR REACTOR SAFETY			-+	 	-		
USINESS LINE: NEW REACTORS							+
PRODUCT LINE / PRODUCTS: Oversight							
Allegations & Investigations	 	0	- 00				
Construction Inspection		 	0.0		0.0		0
Emergency Preparedness Enforcement		ō	0.0		0.0		0
Mission IT		0	0.0		0.0		ō
Part 50		0	0.0		0.0		0
Security		0	0.0		0.0		0
Vendor Inspection Training		ō	0.0				0
Mission Training							-
NSPDP Training		0	0.0				0
Total Direct Resources		0 -	0.0				0
ROGRAM: NUCLEAR REACTOR SAFETY					0.0		-
ISINESS LINE: OPERATING REACTORS						<u> </u>	-
PRODUCT LINE/PRODUCTS:		<u> </u>					
Licensing		-			<u> </u>		T
Emergency Preparedness	- 0	-	0.0	0	0.0	 	, –
Generic Issues Program Japan Lessons Learned)	0.0				
License Renewal			0.0	0	0.0		
Licensing Actions	0		0.0	0			
Licensing Support	0		0.0	0			
Mission IT	0		0.0		0.0		
Operator Licensing Research & Test Reactors	. 0		0.0	0	0.0		
Security .	260		2	384	3.6	(124	
Oversight	0	-	0	0	0.0		
Allegations & Investigations	0	+	0.0		0.0		Ь.
Emergency Preparedness Enforcement			0.0		0.0	0	
Event Evaluation	0		0.0	0	0.0	 	
Inspection	0		0.0	0	0.0	0	(
Mission IT	0		0.4	0	0.0	0	_
Research & Test Reactor Insp.	0		0.0	0	0.0	0	(0
Rulemaking Rulemaking (PL)					- 0.0	<u> </u>	(u
Training	0	<u> </u>	0.0	0	0.0	0	- 0
Mission Training	. 25	ļ —	0.0				ΙΞ.
NSPDP Training	- 20		0.0	4.	0.0	21	0
Total Direct Resources	285		2.4	389	3.9	(104)	(1
Grand Total Nuclear Reactor Safety			\Box			(,	
	285		2.4	389	3.9	(104)	(1
OGRAM: NUCLEAR MATERIALS AND WASTE SAFETY			++				<u> </u>
SINESS LINE: FUEL FACILITIES PRODUCT LINE/PRODUCTS:			77			 	
Total Direct Resources							
		0.	.0	0	0.0	0	0.
GRAM: NUCLEAR MATERIALS AND WASTE SAFETY							
INESS LINE: NUCLEAR MATERIALS LISERS				+		l	
PRODUCT LINE/PRODUCTS: Oversight						 	
Inspection							
raining	1	<u> </u>	.0	1	0.0	(1)	0.
Mission Training	- 0	- 0	.0		0.0	l — — — — — — — — — — — — — — — — — — —	0.
Total Direct Resources	1	0.		1	0.0	(1)	0.0
GRAM: NUCLEAR MATERIALS AND WASTE SAFETY							
INESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE			41-				
RODUCT LINE/PRODUCTS:							
Total Direct Resources	0	0.0			0.0		
CRAM, MUCLEAR RATERIA					- 0.0	0	0.0
GRAM: NUCLEAR MATERIALS AND WASTE SAFETY NESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION		•					
RODUCT LINE/PRODUCTS:							
Total Direct Resources	0	0.0	. 				
			+-	0	0.0	0	0.0
Grand Total Nuclear Materials & Waste Safety	1	0.0		1	0.0	(1)	0.0
			++-				
L TEST & RESEARCH REACTORS	285.7	2.4	 .	389	3.9	(402)	/4 =
value of hydreted recovered for facility					3.5	(103)	(1.5
value of budgeted resources for fee class(mission direct FTE x full cost of FTE + n direct contract \$)							
	\$1,293			\$2,009			

TEST AND RESEARCH REACTOR ANNUAL FEE

FY 2019 FEE RULE

DETERMINATION OF THE FY 2019 ANNUAL FEE:

licensees subject to annual fee)

TEST AND RESEARCH REACTORS SUBJECT TO ANNUAL FEES (See note)

Dow Chemical - TRIGA MARK I	License No. R-108	Docket No. 50-264
2. AEROTEST	R-98	50-228
3. GE, NTR	R-33	50-73
4. NIST	TR-5	50-184
DETERMINATION OF ANNUAL FEE		
BUDGETED COSTS	\$316,054	
ANNUAL FEE PER LICENSE (rounded) (Budgeted costs divided by number of test and research reactor	\$81,300	. •

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

Part 171 Annual Fees

Rare Earth Facilities

Section III.B.2.f

During FY 2016 NRC did receive an application under the Rare Earth fee class 2.A. (2)(f). However, no FY 2019 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.

			F- 4-	DE EARST
	TO	OTAL		RE EARTH OCATIONS
	CONTRACT		CONTRAC	
	\$,K	FTE	\$,K	FTE
NUCLEAR REACTOR SAFETY	440,000,0			
NUCLEAR MATERIALS & WASTE SAFETY (no HLW/Gen Fund)	113,923.0 18,921.0	1,863.0		
CORPORATE	183,545.0	464.0	0.0	
INSPECTOR GENERAL(no DNSFB)	1,414.0	58.0		0 (
SUBTOTAL - FEE BASE RESOURCE				
SOUTOTAL-FIEE BASE RESOURCE	317,803.0	2,994.0	0.0	0 0
Figures below in \$, M (unless otherwise indicated)				
(1) FY 2019 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown be	elow)			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 2019 TOTAL ALLOCATIONS (after transportation allocation)) (equals 2+5)			0.00
7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/exp	oort alloc, small entity)			0.00%
3) Fee-Relief Adjustment (includes small entity) + LLW Surcharge			<u> </u>	0.000
Fee-Relief Adjustment and LLW Surcharge per licensee				
0) Part 171 billing adjustments				0.000
1) Adjustments				0.0000
2) TOTAL FY 2019 ANNUAL FEE (equals 5+8+10+11)				0.0000
3) Number of Licensees				
4) Fee Per License (equals 12/13)				different for different categories of licenses; see
rounded annual fee amount per license, actual \$				other worksheets
unded annual fee, actual \$				
E FULLY COSTED BATE (auto-				
E FULLY COSTED RATE (average based on budget data, actual \$): Determination of Hourly Rate for calculations	419,767		1	

Mission Direct Budgeted Resources for Rare Earth Fee Class

	FY1		FY	18	Differ	ence
	Contract (\$,K)	FTE	Contract (\$,K		Contract (\$,K	
PROGRAM: NUCLEAR REACTOR SAFETY						
BUSINESS LINE: NEW REACTORS			 			
				1 1		
PRODUCT LINE / PRODUCTS:				1		Ţ.
Total Direct Resources	0	0.0	0	0.0	- o	1 7
DPOGPAM: MUCLEAR REACTOR COST					 	† '
PROGRAM: NUCLEAR REACTOR SAFETY BUSINESS LINE: OPERATING REACTORS			,			1
PRODUCT LINE/PRODUCTS:						
Total Direct Resources	0	- 00				
		0.0	0		0	
Grand Total Nuclear Reactor Safety	0	0.0	<u> </u>	- 00	+	—
		- 0.0	 	0.0	0	1
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY			 _ , 	 	-	┼──
BUSINESS LINE: FUEL FACILITIES				 	 	
PRODUCT LINE/PRODUCTS:			T	 	 	
Total Direct Resources	. 0	0.0	0	0.0	0	 (
PROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						<u> </u>
BUSINESS LINE: NUCLEAR MATERIALS USERS						
PRODUCT LINE/PRODUCTS:						
Total Direct Resources		0.0	 			
		0.0	. 0	0.0	. 0	<u> </u>
ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY	 		 		 	
USINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE		 -	 `` 		 	
PRODUCT LINE/PRODUCTS:			 		 	
Licensing	· · · · · · · · · · · · · · · · · · ·		 		· · · · · · · · ·	
Decommissioning Licensing Actions	0	0.0	0	0.0	 	- 0
Uranium Recovery Envir. Reviews	0	0.0	0	0.0	0	0
Uranlum Recovery Lic. Actions Oversight	0	0.0	0	0.0	0	
Inspection			•			
Mission Training	0	0.0	0	0.0	0	· 0
Training					1 :	
Total Direct Resources	0	0.0	0	0.0	0	0.
	- · · · · · · · · · · · · · · ·	0.0	0	0.0	0	0.
ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY			<u> </u>		<u> </u>	•
USINESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION 2000 1						
PRODUCT LINE/PRODUCTS:						
Total Direct Resources	0	0.0	. 0	0.0	0	0.
			7		-	- 0.1
Grand Total Nuclear Materials & Waste Safety	0	0.0	0	0.0	0	0.0
						
TAL RARE EARTH						
	0	0.0	0	0.0	0	0.0
tal value of budgeted resources for fee class(mission direct FTE x full cost of						
E + mission direct contract \$)						
	\$0		\$0.0	-	\$0	
		- 1				
		1 1	• 1	1 1	1	

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 \$36.5 million in FY 2019 budgeted costs to be recovered in annual fees assessed to the approximately 2,600 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 2019 MISSION DIRECT BUDGETED RESOURCES				
	TO	TAL		IATERIALS
	CONTRACT		CONTRA	
	\$,K	FTE	\$,K	FTE
NUCLEAR REACTOR SAFETY				
NUCLEAR MATERIALS & WASTE SAFETY (no HLW/Gen Fund)	113,923.0	1,863.0	39.	
CORPORATE	18,921.0 183,545.0	464.0	638.	
INSPECTOR GENERAL(no DNSFB)	1,414.0	609.0 58.0	0.	0
				+
SUBTOTAL - FEE BASE RESOURCE	317,803.0	2,994.0	677.	4 8
				
Figures below in \$, M (unless otherwise indicated)			·	
(1) FY 2019 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown belo	ow)		·	36.0
2) LESS ESTIMATED PART 170 FEE COLLECTIONS				1.0
3) PART 171 ALLOCATIONS (equals 1 - 2)	,			35.0
4) GENERIC TRANSPORTATION RESOURCES (allocated)				1.3
5) NET PART 171 ALLOCATIONS (after transportation allocated)(eq	uals 3+4)			36.3
6) FY 2019 TOTAL ALLOCATIONS (after transportation allocation) (e	equals 2+5)			37.3
7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/export	alloc, small entity)			3.78%
3) Fee-Relief Adjustment (includes small entity) + LLW Surcharge			·	0.2
Fee-Relief Adjustment and LLW Surcharge per licensee				,
0) Part 171 billing adjustments				0.0
1) Adjustments				0.000
2) TOTAL FY 2019 ANNUAL FEE (equals 5+8+10+11)			-	36.5
3) Number of Licensees				
4) Fee Per License (equals 12/13)				different for different categories of
				licenses; see
rounded annual fee amount per license, actual \$			c	ther worksheets
unded annual fee, actual \$				
FULLY COSTED RATE (average based on budget data, actual \$):			_	<u>-</u>
Determination of Hourly Rate for calculations	419,767			

Mission Direct Budgeted Resources for Materials Fee Class

	Contrac	FY1		FY		Differe	
	Contrac	ι (Φ, Λ,	FIE	Contract (\$,I	() FTE	Contract (\$,K) F
ROGRAM: NUCLEAR REACTOR SAFETY				1			7=
USINESS LINE: NEW REACTORS							+
PRODUCT LINE/ PRODUCTS:			<u> </u>			, .	Ţ
Total Direct Resources							
		0	0.0	(0.0	0	
ROGRAM: NUCLEAR REACTOR SAFETY			 - 	-			
USINESS LINE: OPERATING REACTORS				 	 -	+	-
PRODUCT LINE/PRODUCTS: Oversight			<u> </u>	 		 	┼
Mission IT					 		+
Training		13	0.0	0	0.0	13	
Business Process Improvements		0	0.1	10			<u> </u>
Mission Training		26	0.0	18		(18)	_
NSPDP Training Total Direct Resources		0	0.0	0		8	-
Total Direct Resources		39.0	0.1	18		21	
Grand Total Nuclear Reactor Safety	 	39.0	0.4				
	- 	39.0	0.1	18	0.0	21	L
OGRAM: NUCLEAR MATERIALS AND WASTE SAFETY	1 1 1				├ ──-		
SINESS LINE: FUEL FACILITIES				-	 	+	
PRODUCT LINE/PRODUCTS: Training						1	
Mission Training							
NSPDP Training		38	0.0	19		19	- (
Total Direct Resources		38	0.0	0 19		0	(
2001		-	- 3.0	19	0.0	19	
OGRAM: NUCLEAR MATERIALS AND WASTE SAFETY						 	
SINESS LINE: NUCLEAR MATERIALS USERS PRODUCT LINE/PRODUCTS:							
PRODUCT, LINE/PRODUCTS: Event Response		J					
Response Operations							
Response Programs	 	0	0.3	0	0.3	. 0	0
nternational Activities		-	0.5		0.3	0	0.
International Cooperation		0	0.0	0	0.0	0	0. 0.
EDO Operations		_ T					
Licensing Actions		0	0.5	27	24.1	(27)	(23.
Licensing Support		13 45	0.0	27	24.1	(14)	6.
Mission IT		20	0.0	45 50	0.0	(30)	0.
NSPDP Training Policy Outreach		0	4.0	0	2.0	- (30)	2.0
Security		0	1.0	0.	0.0	0	1.0
versight		0	1.0	0	1.0	0	0.0
Allegations & Investigations	- - 0	.0	10.3	.0			
Enforcement	. 41		12.0	41	11.0	0	(0.7
Event Evaluation Inspection	140		1.9	188	3.0	(48)	(1.1
IT Infrastructure	1.	2	17.9	1	17.4	0	0.5
Mission IT	99.		0.0	0	0.0	99	0.0
Security	0.		0.0	0	0.0	. 0	0.0
esearch		+		0	0.0	0	0.0
Materials Research Jlemaking		0	0.3	0	0.3	0	0.0
Rulemaking							0.0
Rulemaking Support)	3.1	0	3.7	0	(0.6)
ate Tribal and Federal Programs)	0.3	0	0.8	0	(0.5)
Agreement States		,	0.0	0	0.0		
Liaison			0.0	0	0.0	0	(0.0
Travel	C		0.0		0.0	0	(0 1) 0.0
Mission Training		\perp					
NSPDP Training	167		0.5	208	0.7	(41)	(0.2)
otal Direct Resources	526.4		0.0 84.1	559.0	75.7	0	(1.0)
DARGANIOL FAD GOATERIA	520.4	1		. 559.0	15.1	(32.6)	8.4
RAM: NUCLEAR MATERIALS AND WASTE SAFETY ESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE					- -	- +-	
DDUCT LINE/PRODUCTS:							
ensing		-					
Decommissioning Licensing Actions	0	-	0.0				\Box
Uranium Recovery Lic. Actions	0	 	0.0	0	0.0	0	0.0
sion Training					0.0		0.0
Training						1	ď
Training otal Direct Resources	64		0.0	20	0.0	44	0.0

Mission Direct Budgeted Resources for Materials Fee Class

	FY19		FY18	3	Difference	Эе
	Contract (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	FTE
			_			
USINESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION						
PRODUCT LINE/PRODUCTS:						
Licensing	·					
Emergency Preparedness						
Environmental Reviews	0	0.0	0	0.0	0"	
Licensing Support	0	0.0	0	0.0	0	. (
Mission IT	0	0.0	. 0	0.0	0	
Security	0	0.0	0	0.0	0	_ (
Storage Licensing	0	0.0	0	0.0	0	(
Transportation Certification	0	0.0	0	0.0	. 0	- (
Mission Training	0	0.0	. 0	0.0	0	
Training			4		·	
Total Direct Resources	10	-0.0	0	0.0	10	0
	10	0 0	0	0.0	10	0
Grand Total Nuclear Materials & Waste Safety	638.4	84.1	500			
	030.4	04.1	598	75.7	40.	8
		<u> </u>				
TAL MATERIAL USERS	677;4	040				
	0//:4-	84.2	616	75.7	. 61	8
al value of budgeted resources for fee class(mission direct FTE x full cost of FTE +			<u> </u>			
sion direct contract \$)			 			
	\$36,022		\$32,058	<u> </u>	\$3,964	

		1-1		1 1		11 1		, FY	2019 M	ateriais Us	sera Anni	uni Feos											11/29/2018
		+	NUMBER C	F LICENSES		1	-+-	+	+	<u> </u>	├ —	4	 		1	.1	1	1					11/29/2016
		1	FY 2010					 	1			+				•	 	 	+			 	
			11	ا لوجم ا	(1)	H	_(2)	(3)	(4)	(5)	. (6)	(n)	(8) (9)	(10)					 				4
		Billed at	Billed at		٠. ـــ	 	Part	170 Fees(\$)	4		1				(11)	(12)	(13)	(14)	. (16)			 	_{FY}
ense Fee Category		FY 2018	FY 2019	State Franster	Total For			10.002(0)	Insp.	Calc. of General	Calc. of Insp		art 171 Base Fee Pe			 	Total Exact	Total C	collections				Annu
		Fee	Foe	Adjust	FY 2018	Ħ	Anni						1 1	Total Base Fee	Adjustmo	nt per License	Annual		i	- Nu	nberof	Smell	(Rou
		 						Insp.	Prior.	Multiple	Multiple	Genera	Unique Inspect	on perlicense	Surcharge	Fee-Relief	license	0				Entity	-+
		11	11						1		 		+					Base Fee (\$.K)	TOTAL (\$,K)	Sm Entity	Sm Entity	Subsidy	
.			11	1 1	1 1	H i		1	1 1			Annual fee multiplier(A	multiplica e map	ra	~	multiplior x			(4,11)				T
		11	11.	[.]		H. 1	- 1			(No. of Econoco x	No4	I fee + trasp	too/insp	1 1	(Yote) Materials	(eppl fee+insp fee/insp		ł				ı I	
ŀ			11	1 1		1				(Appl foo +	(No. of Doorses:	priority) See below for	See priority) below for Sec belo		LLW	priority)See	1			1 1		ı I `	
		11	11			1		ľ	i I	qenl qenloot	Insp fee/insp	Colculation o	Calculati for	(Gonomi+u	Surcharge/	below for calculation of	(Total Baso Foo+LLW		Total Base	1 1		Diff between ennual fee and	.1 1
ECIAL NUCLEAR MATERIAL			++			+				priority)	priority)	multipler	on of calculation Unique of insp.	n nique+inap ection)	offected	foo-ratiof	Surahargo + Feo-Relief)		Fee+LLW Surcharge+	1 1		email entity fee	<u>'</u>
						 			$\vdash \exists$					(Capri)	(coenoci)	multi.)	Feo-Relief)		Fee-Relles)	1 1	1 1	no. of email entities	4500
1C. Industrial G	laugos	 							1														900
1D. Other SNM	loss critical quantity	 	52		4.0		1,300	2,100	5	6880	1680	2002							+	-			 "
1F. Other SNM	greator than critical quantity	0	3	0	52.0 3.0		2,600	6,400	5	201760			1847			0	2,889	12	12				
URCE MATERIAL:				<u> </u>		+	2,600	1,700	3	9500	1700		818		491		7,487	384	389	8	- 2 -		2,9
		 				++	-+		┝╌┼					- 0,021	491	-1	6,511	15	17	2		2,000	7,5
2B. Shielding		 	╅╂╌╧╌						┼			+											6,5
2C. Exampl Dist	tribution/SM	_ 	23	0	9.0	+	1,200	2,800	5	15840	5040	2338	 	$+$. \Box					 	+	+		
ZE. Manufacturir	to General Licenso/SM	0	<u> </u>	0	1.0		4,300	4,000		117300	18400	8770	808 1154			0	3,144	28	28			+	
2F. Other Source	o Materials			0	1.0		2,600	4,300 4,300	5	3680	880	4859	1241		$+\dot{-}-$		7,923	182	182		1 1	27,400	3,1
		 - °	55	. 0	55.0		2,600	8,000	3	4033 253000	1433	5354	2068	7,422			6,098 7,421	- 0 7	6.	0	0	27,400	7,9
RODUCT MATERIAL:			++	├		+				22000	110000	6107	2885		491	_ 1	9,482	495	521	-0	0		7.4
3A: Manufacturin	ng - Brood(Locations 1-5)		11	 		 						1							<u></u>	+ -7 -		35,000	9,5
IAAI. Manufacturi	fing - Rynod/alton 6.401	0	1	0	1.0	†− −	13,000	16,000	├ - T					+							+	+	+!
3A2. Manufacturi	ring - Broad (eltes 20 or more)	0	! -	0	1.0		17,300	21,400	4	17000 22050	4000		5771		491	-5	28,825				1		
OO. MUNUUCUIS	ng - Other		32		1.0	1-12	21,600	26,700	4	28275	5350 6676		7719	37,767	491	- 8	38,272	28 38	38	1 0	1	27,900	28,8
3B2 Manufactur	ring - Other (altos 6-19) ring - Other (altos 20 or more)	0	1 7		32.0		3,600	9,400	4	190400		7899	3390	47,100	491	7	47,649	47	48	0	- 0		38,3
3C. Radiopherm	mounticate - Manut/Process	0	1	-	1.0		4,800 5,900	12,600	4	7950	3150	10554	4545	11,289	491	-2	11,779	381	377	10	10	40000	41,0
3C1. Radiophan	moceuticula - Manuf /Process (alten 6-10)	 	32	0	32.0		5,200	15,700 6,600	4 +	G825	3925	13043	5683	18,706	491 491	2	15,587	15	16	0	 	182,000	
3C2: Radiophon	macouticate - Manuf /Process (eltos 20 or mont)		2	0	2.0		6,900	8,800	5	208640 17320	42240	8055	1904		491	-3-2	10,104	19	19	0	0		15,6
	ocoulicals - No Manuf /Process		1 0	0	1.0		8,600	11,000	5	10800	3520 2200		2539	14,038	491	- 2	14,524	338 28	354 29	11	2	91,700	1 11,0
3E. Irrediators - 8 3F. Irradiators - <	Soft-Shield	0	53	0	53.0		0	0	3	0	- 2200	0	3174	17,511	491	-3	17,999	18	. 18				14,5
3G, Irradiators ->	> 10,000 CI	0	4	0	4.0		3,200 6,500	13,800		315880	148280	7912	3982	11,894			0	0	0		0.		
3H. Exempt Distri	ribution - Davice Raview	- 0	7.	.0	7.0		2,000	4,400	2	29520	3520	9797	1270		+	-2	11,892	630	630	0	1.0	+	11,9
3L Exempt Distrit	button - No Dovice Review		34 78	0 .	34.0		0,600	3,800		449050 250920	15050 26520		3102	88,262		-17	11,065 88,245	618	618	0	0		11,1
3J. Gen. License	- Dovice Review	0	8	- :-	78.0		1,600	4,000	5		60800			10,922		-2	10,920	371	371	9	- 0		88,2
3L. R&D - Broad	a - No Device Review	0	4	-	4.0		1,100	2,900	5	15480	3480	3425	837	17,015 4,282		-3_	17,612	1339	1339		12	137,800	10,9
3L(a), R&D - Brox	od(6-20 altra)		42	0	42.0		5,500	2,900 11,200	5	6720	2320			3,087	+	-1-0	4,261	20	26	2	 	318,300	1 17,6
3L(b), R&D - Broc	ed(21 or more sites)	- 0	- 2 -	0	2.0		7,300	15,000					4040	15,058	491	- 2 -	3,087 15,547	12. 632	12	0	2	4,400	3,10
3M, R&D - Other			85	0 .	2.0		9,100	18,700		27550	7500 9350	14669	5410	20,070	491	-3	20,587	40	653 41	0	1	14,600	
3N. Service Licen 3O, Radiography	190	0	60		85.0 60.0		9,300	6,600		817700	112200		1904	25,031 14,875	491	-4	25,519	60	51	0	0	<u>-</u> -	20,60
301. Radiography	y (ska: 6-19)	0	68	.0	68.0		3,000	7,900		676500	142500	14963	3427		491 491	-3	15,163	1247	1289	0	12	267,900	25,50
302. Radiography	y (sites 20 or more)	0		0	3.0		3,500	10,500	1	965600	537200	18851	11398	30,248	- - 	-3-	18,882 30,245	1104	1133	12	17	478,800	15,20
	roduct Materiata	- 	903	0	.1.0		0.800	13,100	- i 	57000 23700	13100	25223 31462	16149			-5	40,387	2057 121	2057	30	4	. 888,200	
3P2; All Other By	product Materials (altes 6-19) product Materials (altes 20 or more)	0	21	0 .	903,0		1,700	003,6	_ 5 !	5472160	1226080	8045 "	18900 . 1962	60,382 10,007	4	-0	60,358	50	121 60	0	0		40,40
3R1. Radium-226	8 (less than or equal to 10x limits in 31,12)	0	3	0	3.0		7,000	9,100	- 5	170520	38220	10779	2020	13,405		-2	10,005	9038	9035	232	102	+	50,40
	D (more than 10x limits in 34 42).		- - !- 	0.	1.0		,600	6,700	. 5		6780		3261	16,748		- 2 -	13,403	282	281	0	0	2,204,200	10,00
39. Accelerator P	Produced Regionuclides	0	18	0	1.0	2	,600			3840 4000	1340	5230 5310	1933	7,184		-1	16,745 7,163	50		0	0		13,40
E DISPOSAL AND PROCES	Painto.		 		18.0	14	4,200				79200	24892	2184		+		7,473	7	7		0	I = :	7.20
AND PROCES	omo.				 -		-+1						6348	31,040	+	-5	31,035	659	559	3.	0		7,50
4A. Wasto Dispos	101*		+																			109,600	31,00
4B. Wasto Recolpt	A/Packeoing	 	10	0 .	1.0	12	2,890	11100	-	18350	5550									+===			
4C. Waste Roceip	d - Propackaged		10	9	16.0		,900	6,600			52000	24380	8007	32,367	491	-6	32,853	32	-33	+	$+$ \bot \bot		
LOGGING:					·"	5	,000				1300	8363	4689 · 1878	18,183	491 .	-3	18,851	291	298	3	0	⊢	32,90
							-+		$-\bot$	$ \top$			1073	10,239	491	-2	10,728	10 .	11	1 -		60,400	
5A, Wall Logging	· · · · · · · · · · · · · · · · · · ·	 	+T					+	-]	-			╁							0,200	10,70
5B, Field Flooding	Tracere Studies*	0 -	22	-	0.0	4.	000	9,200	3	168667	67467	10178			1		+	+		$+$ \bot \Box			
AR LAUNDRY:				<u> </u>	"" 		$-+$ \Box		3	0	07407	0	4424	14,602		-2	14,600	321	321	1-4-1-	+	1	
		-				+			$-\mathbf{I}$					-0-	401	0 .	491	0	0	 * 	2	67,800	14,60
6A. Nuclear Laund	try	 	T				_ + +								++	+						 	
USE OF BYPRODUCT, SO	Wines on any		- - ° +	0	0,0	$ \Box$			3	-	-,-					+				+	$+$ $ \Gamma$		
or pre-monuci, 80	DURCE, OR SNM:			-+										0		0	0	0	-	 	+ + +	+	
7A. Telethompy		 							-						++					 - 	 " 	 	-:
7A1. Tolethorapy e	eltos 6-19	 	1	0	4.0	11.	.100	16,100	4	60500	40400							T				 	
7A2. Tolethorupy a 7B. Medical - Brook	altes 20 or more	``	1 1		1.0	14.	.800	21,400 (4 :	20150	5350	20740	251 5807 251 7719			_4	26,133	106	105	+			
781. Medical - Brosc	set alter 6.10	0			8.0		,500				6700	33453	251 G888	43 374	+	-5	34,714	35	35	0 -	-0		28,100
782. Medical - Rms	ed sitos 6-19	0	7		7.0		700 ,600								100	-7	43,364 .	43	43	0	0		34,70
7C. Medical Other.		- 0	1	0	1.0	11.	400	18,900 }	2 .1	146650	69460	27044			491	4.	31,817	251 .	265	ō	 		1 43,400
7C1, Medical Other	* stop 6-19			0 .	737.0		600	6,900	3 3	550300	11800	34781	251 13834 251 17024	52,056	481		42,182 52,540	292	295	0	0		31,800
7C2, Medical Other	raites 20 or more		28	0	28.0	8,7	700	9,200	3 3	129487	85007	11816	251 3318	15,384				11338	53 . 11338	0	0.		52 500
EFENSE:			+ ++	0	1.0	10,	900	11,500	3 1	14733	3833	19550	251 4424 251 5531	20,298		-3		568	11338	168	48	2,478,400	1 15,400
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8A. CMI Defense																						1 - 1	25,300

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	9A. Device/Product Safety Evaluation - Broad		0	95	0	95.0	+	-	1										-						\top		-	-+-		⊢₩	
	98, Device/Product Safety Evaluation - Other 9C, Seeled Sources Safety Evaluation - Broad		0	4	0	4.0	+-+	+	9,000	Н.		5			14337		0	14,337	ŀ÷ŀ											- 	
	9D. Seeled Sources Safety Evaluation - Other	 	0 -	31	0	31,0	-		5,300			5			11848	1.	0	11,948	1		-2	14,334	1382	1382		22	20		483,600		14,
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10	otal Part 171 (annual fee) amount, excluding fee-	-Defendable	T				$\vdash \vdash$					-+							_ _	I					1 1	-+		++-		\rightarrow	
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	ercentage to be recovered from materials Econsees; Amount to be recovered from materials Econsees;	6,3%																	-+-						 	-+		++-		-+	
	No. of effected licenses:	\$201,282		1	-		├																			-+	+-	+		-+	
	LLW Surcharge per licenses:	410.0					 					-+							- -	-+	+							.+-			
		. \$491							-+																	$=$ \mathbb{I}		T		-+	
Ωt	her Fee-Relief Amount (see FEE-RELIEF ACTIVITY	ES Sheet for further	detallab	+																					₩-					-	
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ANNUAL FEE CALCULATION FOR AGREEMENT STATE USE ONLY

		70 Fees(\$)		Calc. of		<u> </u>	Pa	art 171 Base Fee	Per License (\$, 5)	,	Total Exact	FY 2019 Annual Fee (Rounded)
•	- '	,	insp.	General	of Insp.		÷	Total	Adju	stment per Lice	nse	Annual	(riounded)
License Fee Category	Appl.	Insp.	Prior.	Multiple	Multiple	General	Inspection	Base Fee per license	LLW Surcharge	Fee-Relief	Total	Fee per license	
						Ammunita		•		(Fee-Relief multiplier x (appl			
				(No. of licenses x (Appl fee + insp fee/insp priority)	(No. of licenses x insp fee/insp priority)	Annual fee multiplier (Ap pl fee + insp fee/insp priority) annual fee multiplier of 1.33	Inspection multiplier*(ins p fee/insp priority)insp. multiplier of 1.44	(General+	(Total Materials LLW Surcharge/ no. of affected licenses)	fee+insp fee/insp priority)See below for calculation of fee-relief multi.)	,	(Total Base Fee+ LLW Surcharge + Fee-Relief)	
NUCLEAR LAUNDRY:	•	•		2			-			·	•		
6A. Nuclear Laundry	22,200	6,000	3	24200	, 2000	32,164	2888	35,052	510	-12	35550	35,550	35,600

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 2019 MISSION DIRECT BUDGETED RESOURCES				
			TRAN	SPORTATION
		TAL	ALI	OCATIONS
	CONTRACT	<u> </u>	CONTRAC	r
	\$,K	FTE	\$,K	FTE
NUCLEAR REACTOR SAFETY	113,923.0	1,863.0	2.1	
NUCLEAR MATERIALS & WASTE SAFETY (no HLW/Gen Fund)	18,921.0	464.0		
CORPORATE	183,545.0	. 609.0		
INSPECTOR GENERAL(no DNSFB)	1,414.0	58.0		
SUBTOTAL - FEE BASE RESOURCE	317,803.0	2,994.0	465.6	1
Figures below in \$, M (unless otherwise indicated)				
(1) FY 2019 ALLOCATIONS: equals \$, K + FTE*FTE rate (shown b	pelow)			0.0
(2) LESS ESTIMATED PART 170 FEE COLLECTIONS			•	8.0
(3) PART 171 ALLOCATIONS (equals 1 - 2)				3.3
(4) GENERIC TRANSPORTATION RESOURCES (allocated)				-3.6
(5) NET PART 171 ALLOCATIONS (after transportation allocated)	(equals 3+4)			1.2
6) FY 2019 TOTAL ALLOCATIONS (after transportation allocation	n) (equals 2+5)			4.5
7) % OF BUDGET (% total allocations, excl. fee-relief activities, import/ex	port alloc, small entity)			0.575%
8) Fee-Relief Adjustment (includes small entity) + LLW Surcharge	9		`	0.0
9) Fee-Relief Adjustment and LLW Surcharge per licensee				
10) Part 171 billing adjustments				0.0
11) Adjustments				0.000
12) TOTAL FY 2019 ANNUAL FEE (equals 5+8+10+11)				1.2
13) Number of Licensees				1
4) Fee Per License (equals 12/13)				1.169001
				(DOE's fee)
nrounded annual fee amount per license, actual \$			- :	1,169,001
ounded annual fee, actual \$				1,169,000
E FULLY COSTED RATE (average based on budget data, actual \$): e Determination of Hourly Rate for calculations	419,767	·		

Mission Direct Budgeted Resources for Transportation Fee Class

	FY Comtact (C.I			FY		Differe	
	Contract (\$,I	K)	FTE	Contract (\$,K) FTE	Contract (\$,K)) FT
PROGRAM: NUCLEAR REACTOR SAFETY							4=
BUSINESS LINE: NEW REACTORS							
PRODUCT LINE/PRODUCTS:		\dashv		-			┼
Oversight		-				_	Щ.
Enforcement	 	0	0.0	 	0.0		ب
Mission IT		ō	0.0		0 0.0	0	
Total Direct Resources		0	0.0		0 0.0	- 0	
PROGRAM: NUCLEAR REACTOR SAFETY							
BUSINESS LINE: OPERATING REACTORS		+		 	+	<u> </u>	
PRODUCT LINE/PRODUCTS:		\dashv			+		
Oversight Allegations & Investigations					+		┼
Business Process Improvements		0	0.0		0.0	0	1
Emergency Preparedness		0	0.1				
Enforcement		0	0.0		0.0	. 0	
Event Evaluation	- 	0	0.0			0	-
Inspection		0	0.0			0	
Mission IT		1	0.0			(0)	
Research & Test Reactor Insp. Security		0	0.0	0		0	0
Total Direct Resources		0	0.0	0	0.0	0	0
		2	0.2	. 2	0.2	0	0
Grand Total Nuclear Reactor Safety		2	0.2		- 20		
	— 	-	U.Z	2	0.2	0	0.
ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY		+		 _	 	 	.
USINESS LINE: FUEL FACILITIES		\neg			 	 	
PRODUCT LINE/PRODUCTS: Training					 	 	
Mission Training	1					 	
NSPDP Training		0	0.0	0		0	0.
Total Direct Resources		0	0.0	0		0	0.0
			0.0	0	0.0	.0	0.0
ROGRAM: NUCLEAR MATERIALS AND WASTE SAFETY	· ·	+-			 	 	.
JSINESS LINE: NUCLEAR MATERIALS USERS						 	<u> </u>
PRODUCT LINE/PRODUCTS: Oversight				•		·	
Allegations & Investigations							
Enforcement	0	_	0.0	0	0.0	0	0.0
Event Evaluation	1		0.2	1	0.2	0	0.0
Inspection			0.0	0	0.0		0.0
Mission IT	0		0.0	- 0	0.0	0	0.0
Security Rulemaking	. 0	T	0.0	ő	0.0	0	0.0
Rulemaking		L					
State Tribal and Federal Programs	0	↓	0.0	0	0.0	0	0.0
Agreement States	0						
Liaison	- 0		0.0	0	0.0	0	0.0
Training		+	0.4	0	0.5	0	· (0.1)
Mission Training	19	 	0.2	24	0.2	· (E)	
Business Process Improvements Total Direct Resources	0	T	0.0	0	0.0	(5)	0.0
Total Direct Resources	20		0.8	25	0.9	(5)	(0.1)
OGRAM: NUCLEAR MATERIALS AND WASTE SAFETY			$-\bot$ \top				(3.3)
SINESS LINE: DECOMMISSIONING AND LOW LEVEL WASTE							
PRODUCT LINE/PRODUCTS:							
Vilssion Training			-+-				
Training	0	-	0.0	0	0.0	0.	0.0
Total Direct Resources	0		0.0	0	0.0	0	0.0
GRAM: NUCLEAR MATERIALS AND WASTE SAFETY							
INESS LINE: SPENT FUEL STORAGE AND TRANSPORTATION			_ _ _				
PRODUCT LINE/PRODUCTS:			_ -				
nternational							
International Cooperation	0	- 0	0.0	0	0.0	- 0	
censing			-1+		- 0.0		0.0
Emergency Preparedness Environmental Reviews	0		0.0	0	0.0	0	0.0
Fukushima NTTF	0		0.0	0	0.0	0	0.0
IT Infrastructure	0		0.0	0	0.0	. 0	0.0
Licensing Support	183		2.2	0		183	0.0
Mission IT	219		0.4	293	3.0 0.4	(74)	(0.8)
Policy Outreach	0).5	0	0.4	(74)	0.0
Security Storage Liganian	0		0.0	0	0.0	0	0.0
Storage Licensing	0		0.0	0	0.0	0	0.0

Mission Direct Budgeted Resources for Transportation Fee Class

	FY19		FY18	. [Difference	Э
	Contract (\$,K)	FTE	Contract (\$,K)	FTE	Contract (\$,K)	FTE
PROGRAM: NUCLEAR REACTOR SAFETY						
Transportation Certification			 			
Oversight	5	10.7	0	10.7	5	(
Inspection	Ö	1.5			 	
Rulemaking		1.5	. 0	1.5	0	· (
Rulemaking (PL)	0	1.2			 	
Security		0.0	- 0	0.0	. 0	(0
Training		0.0	- · · · · · · · · · · · · · · · · · · ·	0.0	0	
Mission Training	37	0.0	26	0.0	 	
NSPDP Training	0	0.5	20	0.0	11	0
Travel		0.5		0.0	- U	0
Mission Travel		0.0	. 0	0.0	 	
Total Direct Resources	444	17.0	319	17.0	0	. 0
		17.0	319	17.0	125	0
Grand Total Nuclear Materials & Waste Safety	463.5	17.8	344	17.9	120	(0
					120 /	(0.
						
			·			
OTAL TRANSPORTATION	465.6	18.0	346	18.1	120	(0.
			340	10.1	120	ξ0.
otal value of budgeted resources for fee class(mission direct FTE x full cost of FTE						
mission direct contract \$)	\$8,021		\$7,864		\$157	
	- 40,027	-	Ψ1,004		\$157	

TRANSPORTATION ANNUAL FEES

FY 2019

The total transportation budgeted costs of \$4,734,403 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	22.00	24.6%	\$1,163,554	#4 0
Operating Reactors Spent fuel/reactor	5.00	5.6%	\$264,444	\$1.2 \$0.3
decom	14.00	15.6%	\$740,444	\$0.7
T&R reactors Fuel Facilities	0.52	0.6%	\$27,297	\$0.0
	24.00	26.8%	\$1,269,332	\$1.3
Materials Users	24.00	26.8%	\$1,269,332	\$1.3
Total	89.52	100.0%	\$4,734,403	\$4.7

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 2019 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 2019 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.

Note: Using the FY 2009 calculation method Implemented to Determine Upper Tier Small Entity Fee Each Biennial Year To Be 39 % Of The Prior Two-year Weighted Average Of Small Materials Users Fees.

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2016 small entities	10	+2B	•20	2E	2F	5 A	38	30	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					色光 概显统	
2017 small entitles	7	1	. 4	1	2	. 0	7	13	0	3G 0	3H	17	7,727.30	àk	SM
2017 Total # of Licensees	43 13,95%	10 10.00%			39	3	7 32	12 37	0	0	7	11	1	0 0	16 13
2016 Fee	\$8,100	\$3,600			10.26%	0.00%		32.43%	0.00%	0.00%	21.21%	15.94%	16.67%	0.00%	85 15.29%
2017 Fee	\$8,600	\$3,400		+5,55		\$30,500 \$30,500	\$12,800 \$11,600	\$13,500 \$12,900	\$10,000 \$10,800	\$107,900 \$95,700	\$12,300 \$11,800	\$18,200	\$4,700	\$3,500	\$12,300
Implementing this a						•					711,600	\$16,300	\$4,600	\$3,300	\$14,800

Implementing this method in FY 2019 resulted in a 13 percent and 6% increase from the previous year small entity.

Top Lower		ar ,100 850	21% ceiling Inco 21% 21%	ease Rour \$861 179	nded Fee \$5,000 \$1,000										
\$56,76 \$51,66	•	3,600 3,400	\$27,200 \$22,000	\$8,300 \$8,000	\$15,400 \$37,600	\$0 \$0	\$89,600 \$81,200	\$175,500 \$154,800	\$0 \$0	. •	\$0 \$0	\$123,000 \$82,600	\$309,400 \$179,300	\$4,700 \$4,600	\$0 \$196,800 \$0 \$192,400

CHART PERMINENT AND A COST	Alasinian was treet and a	Control Control														
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12.12.13	the state of the s	亚达州 的新型的	ALC: NO PERSONAL PROPERTY AND ADDRESS OF THE PER	100 100 100	121000000	正是第二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十	1985人的特别的	A COLUMN TO SERVICE AND A SERV	The state of the s	即在外的基础中	国际 。	是"一般"。这一个"是	1. T. J. W. J. M. M.			
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New Astronomy	30	3P	Z COLOR LINE	AD.		被注《为报 》。	经多种 人名英格兰	145	100	的表现现 例	阿斯斯里达中亚	Weighted	Weighted	39% of 2-year Weighted	11.	
		F	Carbare (Coch Alexander	COSCUPIE CONTRACTOR	MAN CONTRACTOR	MATERIAL SA	TA TA	7. 7. 7. 1. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7.	9A		Total			S. C. C.	i	
19	29	272		_	_				A COLUMN TO SERVICE	ACT STOM DISSING	E. M. Com. St. Mail Oldi	Average	Average	average	Rounded	Prior Year
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26.23%	05.4.404					25	12	809	73	26	2550				-	
20.25%	35.14%	22.88%	11.11%	. 28,57%	100.00%	16.00%	8.33%	*****								
						10.0070	0.33%	20.64%	24.66%	34.62%	21.25%				1	
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\$21,100	\$26,000	\$7,900	\$30,800	\$21,900	C14 000	444-54			·							
674 200		7:7:22			\$14,800	\$14,500	\$24,700	\$13,200	\$7,900	\$7,600		444.000			4	• .
\$21,200	\$26,000	\$7,900	\$30,900	\$22,000	\$14,800	\$14,500	004 700			77,000	<u> </u>	\$11,638			í	
				- +,	717,000	\$14,500	\$24,700	\$13,300	\$7,900	\$7,600		\$11,633	644.505	4	1 .	
	•									7.7.55		311,035	\$11,636	\$4,538	\$4,500	410
														\$940.78	\$900	
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\$400,900	\$754,000	\$2,148,800	\$61,600	\$109,500	ŚO	407.000						· ·
\$339,200	\$676,000	\$1,793,300	\$61,800	•	•	\$87,000	\$24,700	\$2,613,600	\$150,100	\$53,200	\$7,413,600	\$11,638
••	40.0,000	72,133,300	301,000	\$88,000	\$14,800	\$58,000	\$24,700	\$2,221,100	\$142,200	\$68,400	\$6,305,000	\$11,632,84
											72,242,000	711,032.04

Budget Authority (FY 2019)

The table below delineates where the <u>major</u> 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, Test and Research
	Reactors, Import/Export
New Reactors	Power Reactors
Fuel Facilities	Fuel Facilities
Nuclear Materials Users	Materials Users, Import/Export
Spent Fuel Storage and	Spent Fuel Storage/Reactor
Transportation	Decommissioning, Transportation
Decommissioning and Low-level	Spent Fuel Storage/Reactor
Waste	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 2019)

FY 2019 Budget Summary by Program

This report is provided as supplemental information. It provides a summary of the FY 2019 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.

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	<u>. </u>	•			i							
019 MISSION DIRECT BUDGETED RESOURCES		TOTAL		ER REACTORS	REAC	FUEL STORAGE/ FOR DECOMM.	. REA	D RESEARCH CTORS	FUEL FA		MAT	ERIALS
EAR REACTOR SAFETY	CONTRACT \$,K	FTE	\$,K	FIE	CONTRACT \$,K	FTE	CONTRACT \$,K	CATIONS FTE	CONTRACT \$,K	FTE		CATIONS
EAR MATERIALS & WASTE SAFETY (no HLW//Gen Fund) PORATE ECTOR GENERAL(no DNSFB)	113,923.0 18,921.0 183,545.0	464.0 609.0	78,044,9 121.7 0.0	1,408.9 . 3,4 0,0	8.1 2,757.2 0.0	0.4 · 77.8	285.2	2.4	8.0 2,000.7	0.1	39.0	0.1
OTAL - FEE BASE RESOURCE	1,414.0 317,803.0		78,166.6		2,765,3	0.0	0.0	0.0	0,0	0.0	0.0	0.0
		-			2,703,3	78,2	285.7	2.4	2,008.7	68:7	677,4	84.2
									÷	-		
										•	•	

FY 2019 MISSION DIRECT BUDGETED RESOURCES					1.	· ·							
					+	<u> </u>	+						
	/ - /	TOTAL		SPORTATION		M RECOVERY	RAR	E EARTH		PORT/EXPORT			·
	CONTRACT	·	CONTRACT	OCATIONS		OCATIONS		CATIONS		LLOCATIONS		LUDED IN IEF ACTIVITIES	
	\$,K	FTE	\$.K	FTE	CONTRACT \$.K	FIE	CONTRACT		CONTRAC	T	CONTRACT	ILI AUTUTES	
NIM FAD DELATA					- J.K	FIE	\$,K	FYE	\$,K	FTE	\$,K	FTE	
UCLEAR REACTOR SAFETY UCLEAR MATERIALS & WASTE SAFETY (no HLW/Gen Fund)	113,923.0		2.1	0.2	0.0	0.0	0.0	0.0					
ORPORATE	18,921.0		463.5	17.8	160.8				0.0		16,732.7	27,9	
ISPECTOR GENERAL(no DNSFB)	183,545.0	609.0		0.0	0.0	0.0			0.0	- 0.0	7,550.2	120.1	
	1,414.0	58.0	<u> </u>	[0,0	0.0	0.0	
SUBTOTAL - FEE BASE RESOURCE	317,803.0	2,994,0	465.6		 				- :				
		2,504,0	403.0	18.0	160.8	2.2	0.0	0.0	0.0	0.0	23,282.9	148.0	

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FY 2019 MISSION DIRECT BUDGETED RESOURCES	· · · · · · · · · · · · · · · · · · ·	·	·	LUDED IN			 		-			
		TOTAL	PROI HOURL	Y & FTE RATE	NONPROFI	r ED.	 TERNATIO	DNA!		EMENT	AG	REEMENT
	CONTRACT \$,K	FTE	CONTRACT		CONTRACT	ON	ACTIVITI			TATE RSIGHT	REC	STATE
NUCLEAR REACTOR SAFETY	113,923,0		\$,K	FTE	\$,K	FTE		FTE	\$,K	FTE	CONTRACT \$,K	FTE
UCLEAR MATERIALS & WASTE SAFETY (no HLW/Gen Fund) ORPORATE	18,921,0	484.0	5,228.0	92.0	615.7 20.8	16.0 4.2	0.0	0.0	48,0		0.0	0.0
ISPECTOR GENERAL(no DNSFB)	183,545.0 1,414.0				0.0		0.0	0.0	1,838,0		. 2,888.2	28.1
UBTOTAL - FEE BASE RESOURCE	317,803.0	2,994.0	209,990.0		636.5	20.2						0.0
•				110410	030.6	20.2	 0.0	0.0	1,884.0	22.9	2,888.2	28.1

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FY 2019 MISSION DIRECT BUDGETED RESOURCES						, - , 			. 1 '-		· · · · · · · ·			<u> </u>		
		TOTAL	GEN	LICENSEES/ LICENSEES/ LOWSHIPS	DECO	ERIC MMISS/	MILITARY		PUBLIC 1		-					
	CONTRACT \$.K	FTE	CONTRAC	T .	CONTRAC	MATION	CONTRACT		CONTRACT		GENER			ET SUM	ARI 8	WIR
NUCLEAR REACTOR SAFETY			\$,K	FTE	\$,K	FIE	\$,K	FTE	\$,K	FTE	\$,K	FIE	CONTRACT \$,K	FTE	CONTRACT \$,K	
NUCLEAR MATERIALS & WASTE SAFETY (no HLW/Gen Fund)	113,923.0				0.		0.0	0.0	0.0	0.0	18.0	0.0				FTE
CORPORATE NSPECTOR GENERAL(no DNSF8)	183,545.0	609.0	0.0		1,301.		400.0	4.0 0.0	0.0	2.7	211.0	8.5	113,923.0 18,921.0	1,883.0 464.0	5802.0 550.0	24
	1,414.0	58.0		 				0.0	0.0	0.0	0.0	0.0	183,545.0 1,414.0	609.0 58.0	0.0	0
UBTOTAL - FEE BASE RESOURCE	317,803.0	2,994.0	15,944.2	26.4	1,301.	35.2	400.0	4.0	0.0	2.7	229.0					
•									- 0.0		229.0	8.5	317,803.0	2,994.0	6,352.0	28.0

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2019 MISSION DIRECT BUDGETED RESOURCES						
		TOTAL		ic HLS	Internation	nal Activities
	CONTRACT		CONTRACT		CONTRACT	
	\$,K	FTE	\$,K	FTE	\$.K	FTE
CLEAR REACTOR SAFETY	113,923.0					
CLEAR MATERIALS & WASTE SAFETY (no HLW/Gen Fund)	18,921.0	1,863.0	150.0	8.	120.0	2
RPORATE		464.0	9648,0	18	6155.0	
PECTOR GENERAL(no DNSFB)	183,545.0		. 0.0	0		
	1,414.0	58,0				
STOTAL - FEE BASE RESOURCE						
	317,803.0	2,994.0	9,798.0	26.0	- 	
				20.0	6275.0	└ 6

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Budget Authority (FY 2019)

FY 2019 Budget by Product Line

These reports are provided as supplemental information. They provide a summary of the FY 2019 budgeted FTE and contract dollars by Product Line and allocated by: 1) the Nuclear Reactor Safety Program and the Nuclear Materials & Waste Safety Program, 2) Corporate Support, 3) Inspector General, by each office with mission direct budgeted resources.

The offices include:

Office of Inspector General

Office of Research

Office of Nuclear Reactor Regulations

Office of New Reactors

Regional Offices

Office of Nuclear Material Safety and Safeguards

Office of Nuclear Security and Incident Response

Office of General Counsel

Advisory Committee on Reactor Safeguards

Office of International Programs

Office of Enforcement

Office of Investigations

Atomic Safety and Licensing Board

Office of the Chief Human Capital Officer

Office of Administration

FY 2019 BUDGET RESOURCES FOR OFFICE OF INSPECTOR GENERAL

spector General	Inspector General (IG	·	spector General (PL)	1,414	58	1,414	58
Program	Business Lii	The vis	Product Lines	Total Contract (\$,K)	FTE	(\$,K)	Hourly Rate
					Total	Hourly Rate Contract	AND THE PERSON OF THE PERSON O
						Professional	
				Allocated to Fee Classes			
				Budget Resources	福川福		

		FY 2019 B	UDGET RESOU	RCES FOR	OFFICE OF	DESEABOU						
		7		-	T TOL OF	RESEARCH		T —		, - -		
OFFICE	RES						· · · · · · · · · · · · · · · · · · ·		· ·			
							 					
			Resources Allocated to									
-	8. 	1	ree Classes	-	-		1	<u> </u>	<u> </u>			<u> </u>
			Total Contract		Power Reactors Contract		Spent Fuel Stor/Reactor	Spent Fuel	Fee Relief	Fee	Professional Hourly Rate	Professiona
Program Nuclear Materials and Waste Safety	Business Lines Nuclear Materials Users	Product Lines Research	(\$,K)	Total FTE	(\$,K)	FTE	Decomm. Contract (\$,K)	Stor/Reactor Decomm. FTE	Contract (\$,K)	Relief	Contract	Hourly Rate
	Spent Fuel Storage and		0	 	ļ				0	0.7	(\$,K)	FTE
	Transportation	Research	615	2	<u>.</u>		615	,	0		T 1	
	Decommissioning and LLW	Travel (PL) Research	15 300	0	4				0	0	15	
Nuclear Reactor Safety	New Reactors	Licensing	50	1	50	1-1-		·	300	1		
		Research Travel (PL)	2685		2,685	11			0	0	 	
			25	- <u>0</u>	 	 -			0	ő.	25	
	New Reactors Total	PL-M - Support Staff		1					0	ا ا		
		International	2760	13	2,735	12			0	Ö	25	
	Operating Reactors	Activities	0	3					0	0		
		Research Travel (PL)	22141 888	132		132			Ō	0		
	Operating Reactors Total	Tricegrated Ornserony	23365	183		144			0 .	0	888 1074	
	(BL) Integrated University Program (BL)	Program (PL)	15000	0	ļ				15,000	_ ,	1074	
	Total	L	15000	۱ ،								
	Advanced Reactors	Research PL-M - Mission	3773	7					15,000 0	0	 	
		Support &			•						 	
	Advanced Reactors Total	Supervisors	0	1					0]	
Nuclear Reactor Safety Total	72 (10001073) (0101	<u> </u>	3773 44898	204	24 976	150			ŏ	Ö		
Granti Total			45828	208	24,976	156	615	2			1099	
Grand Total			44898 45828	204	24,976 24,976	156 156	615	2	0 15,000 15,300	0 0 1.7	1099	
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			FY 2019 BUDGET	RESOURC	ES FOR OFFICE	OF NUCLEAR	REACTOR REGULATIONS					<u> </u>
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OFFICE.	NRR					 						+
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			Budget Resources Allocated to Fee Classes									
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Broom	L	1'	Total Contract		Power Reactors	Power	T	Test &	Fee Relief	Fee		
Program Nuclear Materials and Waste	Business Lines	Product Lines	(\$,K)	Total FTE	Contract (\$,K)	Reactors FTE	Test & Research Reactors Contract (\$,K)	Research	Contract	Relief	Professional Hourly	Professional
Safety	Fuel Facilities	Licensing	ا		1		Tionatoio Continuot (p,ix)	Reactors FIE	(\$,K)	FTE	Rate Contract (\$,K)	Hourly Rate FTE
		International	——— "	 	 	 			0.0	0	,	
	Nuclear Materials Users Nuclear Materials Users	Activities	o	1	1		1				 	
	Total	· ' '							0.0	0_	 	
	Spent Fuel Storage and	+	0	1	 	 		1 1	0.0	0	1	
Nuclear Materials and Waste	Transportation Total	<u> </u>	O	1 1	1	1					 	
Safety Total	1			† <u>-</u>					0.0	0	<u> </u>	<u> </u>
Nuclear Reactor Safety	New Reactors	Licensing	<u>0</u>		 -	2			0.0	0		
		Oversight ·	0			4			0.0	0	 	
	1	Travel (PL)	5			3	L		0.0	Ö		
		Rulemaking (PL)	0			¹	<u> </u>		0.0	Ö	.5	
	New Reactors Total		5			1	├ ─ ─	L	0.0	0	`	
I		International				8	·	<u> </u>	0.0	0	5	·
	Operating Reactors	Activities	0	7	·	. !		i l	0.0	0		
		Licensing Oversight	12458			272	260	2	650.0	20		
			6368	407	6,368	403		0.4	0.0	3.6		
	 	PL-M Support Staff	936	80								
	Operating Reactors Total		22180	796	17,916	683	260		0.0	0	936	80
	Advanced Reactors	Research	0				∠00	2.4	650.0	23.6	3354	80
Nuclear Reactor Safety Total	Advanced Reactors Total		0						0.0	0		
Grand Total	'		22185	806		691	260	2.4	0.0 650.0	0	<u>_</u>	
Pranto Total			22185	809	17,916	693	260	2.4	650.0	23.6 23.6	3359	81
		•							030.0	43.0	3359	81
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		F`	Y 2019 BUDGET RESC	OURCES FO	R OFFICE OF NEW	REACTORS	Y		_	
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OFFICE	NRO			 						
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i	•		Budget Resources				1	·	·	`· · · ·
· /			Allocated to Fee				<u>.</u>	1.		
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rogram	Business Lines	Bradwat VIII			Power Reactors	Power	Fee Relief	Fee Relief	Professional	Professional
Nuclear Materials	Nuclear	Product Lines	Total Contract (\$,K)	Total FTE	Contract (\$,K)	Reactors FTE	Contract (\$.K)	FTE	Hourly Rate Contract (\$,K)	Hourly Rate FTE
and Waste Safety	Materials	International Activities	1						CONTRACT (\$,IC)	FIE
Nuclear Reactor		The material Activities	0	1		<u> </u>	0	ol		
Safety	New Reactors	International Activities		_						
		Licensing	60 6479				· 0	0		
		Oversight	60		6,479	138	0	0		
		Travel (PL)	1267			57	0	0		
	•	Rulemaking (PL)	0	0			0	0	1267	
		PL-M - Support Staff	550	60		3	0	0_		
1	Operating			00			0	0	550	60
	Reactors	Licensing	540	12	540					
		Travel (PL)	80			12	0	0		
		Rulemaking (PL)	0				0	0	80	
		PL-M - Mission Support				1	0	0		
uclear Reactor		& Supervisors	O ¹	1			0	_		-
afety Total							<u>U</u>	0		
rand Total		<u> </u>	11065	289	7,079	213	0	0	4	
Tariu Total			11065	290	7,079	213	0	0	1897	61
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				112013 600661	RESOURCES FOR REI	SIONAL OFFIC	ES	γ	т	т	Т — —	<u> </u>	1
									-				1
					Budget Resources Allocated to Fee Classes								,
								,					
• •	Program	Program	Business Lines	Product Lines	Total Contract (\$,K)	Tatal PTP	Power Reactors	Power Reactors	Fuel Facility	Materials	Professional Hourly Rate Contract (\$,K)	Professional	
•	REG1	Corporate Support	Support		4586	5 Journal 5	Contract (\$,K)	FTE	FTE	FTE	Rate Contract (\$,K) 4586	Hourly Rate FTE	.
		Nuclear Materials and Waste Safety	Nuclear Materials			-		<u> </u>		 -	4580	5	ĺ
		and waste Safety	Users	Licensing Oversight	0				ļ <u>.</u>	. 1			
				Travel (PL)	325] .
	ĺ			PL-M - Support	020	<u> </u>		 	 	 	325		
	·		Spent Fuel	Staff	0	6] .		İ	6	
			Storage and			}						<u>~</u>	
			Transportation	Travel (PL)	50	l o				·			
	İ			PL-M - Support		<u>`</u>		 -	 	 	50	 	ł
			Decommissionin	Staff	0	2				<u></u>		2	l
			g and LLW	Travel (PL)	84	٥							l.
				PL-M - Support	<u></u>	<u>v</u>		 	· · ·	┿	84		
	,	Nuclear Reactor		Staff	0	0							
	·	Safety	New Reactors	Travel (PL)									
İ	•		Operating			0		<u> </u>	 	<u> </u>	8		
	-		Reactors	Event Response	1097		1,097		ł			. 1	l
			· · · · · ·	Oversight Training	0			1					
Į.				PL-M Support		0		· · · · ·	 	 	<u> </u>		ł
1				Staff	364	39		:] .		364	39	
	REG1 Total			Travel (PL)	2256						2256		l
_					8770	54	1,097	1	<u> </u>	1	7673	52	
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							41						

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<u> </u>				EV 2040 BUDGET				·.				
-		r		FT 2019 BUDGET	RESOURCES FOR REC	GIONAL OFFIC	ES					
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			' 				<u> </u>	 	 			
		·			Budget Resources Allocated to Fee Classes			1.		<u> </u>		
					Classes		 		ļ <u> </u>	Ļ		
· .				.]			1	1 .	ł			
Ï						i			1.	ł	i	1
b-	rogram	h		i	1	1	•	Power	Fuel			
	REG2	Program	Business Lines	Product Lines	Total Contract (\$,K)	~-4-1 -	Power Reactors	Reactors	Facility	Materials	Professional Hourly	
·	NEGE	Corporate Support Nuclear Materials	Support		4880		Contract (\$,K)	FTE	FTE	FTE '		Profession Hourly Rate F
J		and Waste Safety			1000						4880	riouny reate i
<u> </u>		and waste Sarety	Fuel Facilities	Oversight	0							
· -				Travel (PL)	543	0			L	<u></u>	· · · .	İ
:		*		PL-M - Support	043						543	
F				Staff	ا ا	6					070	
i.		,	E. 15		·			<u></u>				i
			Fuel Facilities Total	<u> </u>	543	6						
<u> </u>	+		Users	Travel (PL)	0		`				543	1
	•		Spent Fuel			0		·				
			Storage and	,								
		Marie 5	Transportation	Travel (PL)	40	ا۔	ł					
] :		Nuclear Reactor			16	0					16	•
<u> </u>		Safety	New Reactors	Oversight		.[1	•				
. —		,		Training	210	1	210	1_		.		
· -				Travel (PL)	691	0						
i		.]		PL-M - Support	091	0				· ·	691	
 				Staff	0	ا _ ا	丁	 -				
1			Operating			8			,	. l·		
				Event Response	200	٠ .						
	+			Oversight	200	1	200	1	1		İ	-
1	1			PL-M Support	<u> </u>	1	I	1				
.			<u> </u>	Staff	380		•	, ——				
=9	G2 Total			Travel (PL)	2081	42			i	1	380	
ic.	and Total	 -L			9001	0					2081	<u>_</u>
1010	and Total.			- Te in 15	32478	61	410	3			8591	
•					344/8	219	2,090	9-		3	30388	<u>5</u> 20

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				FY 2019 BUDGET	RESOURCES FOR REC	SIONAL OFFIC						
			T		- STOLET ON NEC	JONAL OFFIC	ES				·	
								T	 	 		
					Budget Resources			 				
<u></u>					Allocated to Fee Classes			1	ļ	1		
1					Classes	<u></u>		<u> </u>	<u> </u>			1
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Program	, lb	rogram		ĺ	1			Power	Fuel	}		:
REG		Support	Business Lines	Product Lines	Total Contract (\$,K)	Total FTE	Power Reactors Contract (\$,K)	Reactors	Facility	Materials	Professional Hourly	Professional
···	-	Nuclear Materials	Support	. /	3948		Contract (S,K)	FTE	FTE	FTE	Rate Contract (\$,K)	Hourly Rate FTE
1		and Waste Safety	Nuclear Materials Úsers				···	·		<u> </u>	3948	2
		Calciy		Licensing	0	1		:				
				Travel (PL) PL-M - Support	305	0				1		
<u> </u>		 _		Staff							305	
ĺ	,		Spent Fuel	<u> </u>	0	7	·		L			
			Storage and									
			Transportation	Travel (PL)	34	0	i					
_			Decommissionin			——· '					34	
			g and LLW	Travel (PL)	71							
			• •	PL-M - Support Staff							71	
	ł	Nuclear Reactor		Otan	0	1				1		
		Safety	New Reactors	Travel (PL)	11	ام	J					
			Operating		 	0					<u>·</u> 11	į
			Reactors	Event Response	99	. 2	99	,				
				Oversight	0	1	- 55	2				
				Training	0	0		'	 			
				PL-M Support Staff								
DECC -				Travel (PL)	499	39				.]	499	
REG3 7	otal			<u> </u>	1960 6927	0					1960	39
					U3ZI	53	99	3		4	6828	49

REG4	rogram Corporate Support Nuclear Materials and Waste Safety	Fuel Facilities Nuclear Materials Users Nuclear Materials	Product Lines Travel (PL)	Budget Resources Allocated to Fee Classes Total Contract (\$,K) 4230 10 0 275	Total FTE 4 0 1	Power Reactors Contract (\$,K)	Power Reactors FTE	Fuel Facility FTE	Materials FTE	Rate Contract (\$,K) 4230	Hourly Rate FTE 4
ogram Pro	Corporate Support Nuclear Materials and Waste Safety	Support Fuel Facilities Nuclear Materials Users Nuclear Materials	Product Lines Travel (PL) Licensing Travel (PL) PL-M - Support	Budget Resources Allocated to Fee Classes Total Contract (\$,K) 4230 10 0 275	Total FTE 4	Power Reactors Contract (\$,K)	Reactors	Facility FTE	FTE	Rate Contract (\$,K) 4230	Hourly Rate FTE 4
ogram Pro	Corporate Support Nuclear Materials and Waste Safety	Support Fuel Facilities Nuclear Materials Users Nuclear Materials	Product Lines Travel (PL) Licensing Travel (PL) PL-M - Support	Budget Resources Allocated to Fee Classes Total Contract (\$,K) 4230 10 0 275	Total FTE 4	Power Reactors Contract (\$,K)	Reactors	Facility FTE	FTE	Rate Contract (\$,K) 4230	Hourly Rate FTE 4
ngram Pro	Corporate Support Nuclear Materials and Waste Safety	Support Fuel Facilities Nuclear Materials Users Nuclear Materials	Product Lines Travel (PL) Licensing Travel (PL) PL-M - Support	Budget Resources Allocated to Fee Classes Total Contract (\$,K) 4230 10 0 275	Total FTE 4	Power Reactors Contract (\$,K)	Reactors	Facility FTE	FTE	Rate Contract (\$,K) 4230	Hourly Rate FTE 4
ogram Pro	Corporate Support Nuclear Materials and Waste Safety	Support Fuel Facilities Nuclear Materials Users Nuclear Materials	Travel (PL) Licensing Travel (PL) PL-M - Support	Allocated to Fee Classes Total Contract (\$,K) 4230 10 275	0	Contract (\$,K)	Reactors	Facility FTE	FTE	Rate Contract (\$,K) 4230	Hourly Rate FTE 4
ogram Pro	Corporate Support Nuclear Materials and Waste Safety	Support Fuel Facilities Nuclear Materials Users Nuclear Materials	Travel (PL) Licensing Travel (PL) PL-M - Support	Allocated to Fee Classes Total Contract (\$,K) 4230 10 275	0	Contract (\$,K)	Reactors	Facility FTE	FTE	Rate Contract (\$,K) 4230	Hourly Rate FTE 4
REG4	Corporate Support Nuclear Materials and Waste Safety	Support Fuel Facilities Nuclear Materials Users Nuclear Materials	Travel (PL) Licensing Travel (PL) PL-M - Support	Total Contract (\$,K) 4230 10 0 275	0	Contract (\$,K)	Reactors	Facility FTE	FTE	Rate Contract (\$,K) 4230	Hourly Rate FTE 4
REG4	Corporate Support Nuclear Materials and Waste Safety	Support Fuel Facilities Nuclear Materials Users Nuclear Materials	Travel (PL) Licensing Travel (PL) PL-M - Support	4230 10 0 275	0	Contract (\$,K)	Reactors	Facility FTE	FTE	Rate Contract (\$,K) 4230	Hourly Rate FTE 4
REG4	Corporate Support Nuclear Materials and Waste Safety	Support Fuel Facilities Nuclear Materials Users Nuclear Materials	Travel (PL) Licensing Travel (PL) PL-M - Support	4230 10 0 275	0	Contract (\$,K)	Reactors	Facility FTE	FTE	Rate Contract (\$,K) 4230	Hourly Rate FTE 4
	Nuclear Materials and Waste Safety	Fuel Facilities Nuclear Materials Users Nuclear Materials	Travel (PL) Licensing Travel (PL) PL-M - Support	4230 10 0 275	0		FIE			10	4
	and Waste Safety	Nuclear Materials Users Nuclear Materials	Licensing Travel (PL) PL-M - Support	10 0 275	: 1		·	<u> </u>	1	10	
		Users Nuclear Materials	Licensing Travel (PL) PL-M - Support	0 275	: 1				1		
		Nuclear Materials	Travel (PL) PL-M - Support	275					111		
		Nuclear Materials	PL-M - Support		0						
		Nuclear Materials	Staff	<u>'</u> i	i					275	
		Nuclear Materials		0	7		ŀ				
		Users Total		275	8	· · · · · · · · · · · · · · · · · · ·					7
		Spent Fuel		273			<u> </u>	<u> </u>	1	275	
		Storage and Transportation	Travel (PL)	321	0						
		Decommissionin			<u>`</u>					32	
		g and LLVV	Travel (PL) PL-M - Support	178	0	-	·			178	
	Nuclear Reactor	· · · · · · · · · · · · · · · · · · ·	Staff	o	1	æ					
	Safety	New Reactors	Travel (PL)	7	0						1
		Operating Reactors	Event Response	484	1	484	1				
-			Licensing	0	Ö						
			Oversight	0	1		1				
			PL-M Support Staff	1.							
			Travel (PL)	180 2384	36 0					180	36
G4 Total				7780	51	484	2			2384	
•	•			- 100	<u> </u>	764			1	7296	48
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	Miss Total College					· · · · · · · · · · · · · · · · · · ·	2019 BUDGET RESOURCES FOR	OFFICE OF MUCLEARING	ATERIAL BAFETY	AND BAFEGUAR						·					
	المالية المساورة المساورة			===						<u> </u>											
			-		3		-	1.3		7			!								
	•	•	Budget Resources Allocated to Fee	1 .	,		1 7 1 1 1			1		F		· .		,		,			
	,		Allocated to Fee Classes	1'.	, ,	2.2	5	in a		,' -			1:-		ļ		1 .		,	,	·
						-		\$ 7			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		:		<u> </u>	٠.	ľ	1			1
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	·			1			·	Spent Fire	5.		Test & Research		1		p.	4 N		,:		· ,	ļ ,
ram Vuctear	Business Lines	Product Lines	Total Contract (\$.K)	Total FTE	Contract (S.K)	Reactors FTE	Spent Fuel Stor/Reactor Decomm, Contract (S.K)	Stor/Reactor' Decomm. FTE	Fuel Facility Contract (\$.K)	Fuel Facility FTS	Reactors Contract	Materiale	Materiale	Transportation	Transportation	Uranium Recovery	Uranium	Fee Relief	,	Professional	Professiona
Materials and	Fuel Facilities	Event Response International Activities	30	0 0					30		1981	-Contract (\$,K)	_FTE_	Contract (S.K)	FtE	Contract (S.K)	Recovery FTE	Contract (S.K)	Fee Relief FTE	Hourly Rate Contract (S.K)	Hourly Rate
	,	Licensing	950	5 19								 						_ 。	0		
		Oversight Travel (PL) Rulemaking (PL)	412	25					950	19 25								0	0		
	Fuel Facilities	Rulemaking (PL)		1														0	0		
	Total Nuclear		3532	62							l							0	0	412	
	Materials Users	International Activities							989	45								, 7	0		
		Licensing Oversight	721 1030	37																762	1
		State Tribal and Federal	1030	38	6		6		- 6		0.5	65.0 141.2	26.8 28.5					0 656	10.2		<u> </u>
		Pgms Rulemaking (PL) PL-M - Support Staff		25		0.8				0.4		141,2	_20.5					871	10.2 7.5		
	Nuclear Materials	PL-M - Support Staff	497	16						0.4			1.4		0.4			262	23.4		
	Users Total		11750	135	6													- 0	7.6	497	
	Spent Fuel Storage and			100		8.0			6	0.4	0.5	206.2	56.7		0.4			2,879			16
	Transportation	International Activities	180	1												-		2,018	48.7	780	16
		Oversight Travel (PL) Rulemaking	381	10				8.5							<i>.</i>			0	٠ , ا	- 1	
	Spent Fuel	Rulemaking	0	4		0.4		2.4							1.5			0	0		
	Storage and Transportation		•		ľ										1.2			0	0	381	
	Total		2151	76			,			İ				· .		1	1				
		Oversight Travel (PL)	111	21		0.4	1,352	45.8 6.4						224	16.5						
	Decommissioning and LLW Total	nasar(r E)	535														0.4	111	0.3 14.2 0	395	12
	Waste		2834	84			0	11.4	T									0	0	535	
	Incidental to	Oversight Travel (PL)	550	4										+		100.0	2	2,112	55.6	547	11
		Rulemaking (PL)	5	0 4		4												0		T	
		Oversight PL-M Support Staff Rulemaking (PL)	0	- 8		6				7			=					0	0		
	operating	Rulemaking (PL)	505	16	605	16_												Ŏ.	0		
	Reactors Total Advanced		505	28	505	24				 +								0	0	0	1
	Reactors	Research				·											[0	3		
ls.	Advanced Reactors Total			'			+											0			
BAT Reactor				- 1					<u>:</u>												
y Total		V Ste	510 21327	33 394	505	28 29.2				T						 		_•_	0		
	,		213271	394	511	29.2	1,358	57,2	895	45.4	0,6	206,2	56,7	224	16.9	100.0		_ 0	3	5	1
													``		10.0	100.0	2	4,991	107,6	2489	51
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	<u> </u>		<u> </u>				•	-	•			•	
			FY 2019 B	UDGET RESOU	RCES FOR OFFICE O	NUCLEAR SECUR	ITY AND INCIDENT RESPON	SF					
OFFICE	NSIR.			<u> </u>		ļ — — — —							
		<u> </u>	+					 -					
	4.	11.14	· · · · · · · · · · · · · · · · · · ·		 	 				 	 		
· · · · · · · · · · · · · · · · · · ·			Budget Resources Allocated to Fee										
						3,							
			5		i e			-					
									.,		1.		
Corporate Support	Business Lines Corporate Support	Product Lines Information Technology	Total Contract (\$,K)	Total FTE	Power Reactors Contract (\$,K)	Power Reactors FTE	Spent Fuel Stor/Reactor Decomm. FTE	Fuel Facility Contract (\$,K)	Fuel Facility FTE	Materials FTE	Fee Relief FTE	Professional Hourly Rate Contract (\$,K)	Professional Hou Rate FTE
Nuclear Materials and	Serperate Support	recrinology	 	0									
Waste Safety	Fuel Facilities	Event Response	<u>o</u>	2					2		0	,	
		International Activities	0	1		!	,	ļ					<u> </u>
		Licensing Oversight	0	3			 	 -	 				
		Travel (PL)	312				 	312	3		. 0		
		Rulemaking (PL)	126	0				312	6		0		
	Fuel Facilities Total	THE PROPERTY OF LA	438						2		0	126	
	Nuclear Materials Users	Event Response	0					312	13		0	126	
•	·						 -			0.6	2.4	120	
		International Activities	0	0		, ,		1					
		Travel (PL)	30	0			 				0		
	Nuclear Materials Users Total	Generic HLS (PL)	30	3							0	30	
·_		Oversight	0	3						2.6	2.4	30	•
	Decommissioning and LLW Total		3	0			3				0		
uclear Materials and Waste afety Total	· · ·										0	اد	
Nuclear Reactor Safety	New Reactors	Licensia	471	35		·	, p	,,,					
	Nedotors	Licensing Travel (PL)	175	6	175	6		312	13	2.6	2,4	159	
		PL-M - Support Staff	47	0							0		
	New Reactors Total	- In Cappoit Stail	0 822	2 14							- 0	47	
	Operating Reactors	Event Response	7337	44	775 7,337	12							
· · · · · · · · · · · · · · · · · · ·		International Activities	1007		1,331	44					0	47	
		PL-M Support Staff	0	27					1		0		:
		Generic HLS (PL)	100	7							0	0	
	Operating Reactors Total		12734	177	11,667	140					0	<u>-</u>	
	Advanced Reactors Advanced Reactors Total	Research	0	1							1	967	
iclear Reactor Safety				1							0		
otal			أحسا	T					+		0		
and Total		-	13556 14027	192	12,442	152	*		- 1				
			14027	227	12,442	152	8	312	13	2.6	3.4	1014 1173	2

			FY 2019 I	SUDGET R	ESOURCES FOR O	FFICE OF GF	NERAL COLINGE								
NETION .		T					THE COUNSEL			т — —		,			
FFICE	OGC -											 	 		
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			Budget Resources Allocated to Fee Classes	ľ.		1		}	,		·				1
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Name		İ				Power	Spent Fuel	Fuel	Materials	•	Uranium	Fee Relief		l	l
rogram	Business Lines	Product Lines	Total Contract (\$,K)	Total FTE	Power Reactors Contract (\$,K)	Reactors	Stor/Reactor	Facility	Contract	Materials	Recovery	Contract	Fee Relief	Professional Hourly Rate	Profess
Corporate Support				Town	Contract (\$,K)	FTE	Decomm. FTE	FTE	(\$,K)	FTE	_ FTE	(\$,K)	FTE	Contract (\$,K)	Hourly
oorporate Support	Corporate Support	Administrative Services	0	1 1				i						90114401 (4,14)	F 17
	Corporate Support Total	Policy Support	858	18			 -					0	0		l
	Corporate Support Total	Travel (DL)	858	19				 	 			0	0	858	
	Fuel Facilities Total	Travel (PL)	6	0			<u> </u>	 	<u> </u>			0	0	858	
	Nuclear Materials Users	International Activities	6					4				0	0	6	
		Licensing	0					_ 				0	0	6	
		State, Tribal and	0	5	+					4.9		0	0		
<u></u>		Federal Pgms		1						-7.0			0.1		L—_
		Travel (PL)	14									. 0-	1	·	1
		Rulemaking (PL)	0									0	- 1	14	
	<u> </u>	PL-M - Support Staff								1		0	- ö 	14	 _
	Nuclear Materials Users		<u>-</u>				. — — — —					0	- 0 -		
	Total	<u> </u>	14	10	l · .										
		Travel (PL)	13							5.9		. 0	1.1	14	
	Spent Fuel Storage and	Rulemaking	0	1			1							13	
	Transportation Total											0	0		
	Decommissioning and		13	.6		1	5.5	i	l						
	LLW	l iconoine							+			0	. 0	13	
		Licensing PL-M - Support Staff	0	5		1									
	Decommissioning and	P L-IVI - Support Staff	0	1							0.1	0	4.9		7
	LLW Total											0	0		
uclear Materials and			11	7			_		. 1		0.1	.			
aste Safety Total			· 44			. 1						0	5.9	11	
Nuclear Reactor			44	27			<u>5.5</u>	4		5.9	0.1	0	7		
Safety	New Reactors	Licensing	0	10									'	44	
		Oversight	0	10 2		10						0	0	ĺ	
		Rulemaking (PL)				2						- 6 -+	0		
	No. D	PL-M - Support Staff	0	8		_ 1						0.	0	 +	
	New Reactors Total		20	21		13						0	0		
		Licensing		17		17						0	Ö	20	
		Oversight	0	2		''		+				0	0		
		Training	50	0	48				 +			0	0		
		Rulemaking (PL) Generic HLS (PL)	0	4		4			_2			0	0		
		Generic HLS (PL)	0	1						+		0	0		
	Operating Reactors Total											0	0		
	g reactors rotar		146	35	48	23	ŀ	1	2	i i		_ `	_		
iclear Reactor Safety					T				 +		+	0	0	96	
iclear Reactor Safety					48	36		,	2	1		1			
iclear Reactor Safety			166	56								Α '			
tal			166 1068	102	48	36	5,5	4	2	5.9	-01	0	_0_	116	
uclear Reactor Safety stal and Total							5,5	4		5.9	0.1	0	7	116 1018	
tal					48		5.5	4		5.9	0.1				
tai					48		5,5	4		5.9	0.1				
clear Reactor Safety					48		5.5	4		5.9	0.1				
clear Reactor Safety					48		5.5	4		5.9	0.1				

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•		FY 2019 BUDGET R	RESOURCES FOR AD	VISORY CO	MMITTEE ON DEA	0700 015				
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10 m			Budget Resources Allocated to Fee							
	A Company of the Comp		Classes	2 2 3 4						1.
						14 1 1 1	100	 		
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						100				· :
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							Spent Fuel			
rogram			Total Contract				Stor/Reactor		Professional	Professio
Nuclear Materials	Business Lines	Product Lines	(\$,K)	Total FTE	Power Reactors Contract (\$,K)	Power Reactors FTE	Decomm.	Fuel Facility	Hourly Rate	Hourly Ra
and Waste Safety	Fuel Facilities	1				Treactors Fire	FTE*	FTE	Contract (\$,K)	FTE
	Decommissioning	Licensing	0	. 1		·		1 1		}
<u> </u>	and LLW	Licensing	٠ _ إ					 	 -	
		Travel (PL)	0	1			· 1	[.]		
Nuclear Reactor		Haver (FL)	6	0					. 6	
Safety	New Reactors	Licensing	50	•					<u>. </u>	
		Travel (PL)	80	3	50	3	· · · · · · · · · · · · · · · · · · ·			
		PL-M - Support	- 00						80	
	0 4	Staff	o o	2	·	.		. 7		,
	Operating									
	Reactors	Licensing	134	16	134	16				
<i>.</i> .	•	PL-M Support								·
·		Staff	30	2				,		
	Advanced Reactors	Travel (PL)	375	0					30 375	
and Total			01	7.1				I	7751	

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			Budget Resources Allocated to Fee Classes			
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rand Total	Company of the Company		179	0		<i>:</i>
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Omnibus Budget Reconciliation Act of 1990 (OBRA-90)

Referenced throughout the proposed rule

This document is provided as supplemental information. The proposed amendments to 10 CFR Parts 170 and 171 are necessary to implement the Omnibus Budget Reconciliation Act of 1990 (OBRA-90), as amended. The OBRA-90, as amended, requires that the NRC recover approximately 90 percent of its budget authority in fiscal year 2019, less the amounts appropriated for Waste Incidental to Reprocessing, Defense Nuclear Facilities Safety Board, Nuclear Waste Fund, and amounts appropriated for generic homeland security activities.

Court Decision, 1993

Allied Signal, Inc. v. NRC and Combustion Engineering v. NRC

This document is provided as supplemental information. In 1990 Congress required the NRC to collect annual charges and user fees approximating 100 percent of the agency's budget, effective for fiscal year 1991. NRC's FY 1991 fee rule imposed annual charges against virtually all of the agency's licensees in an effort to be more fair and equitable. Previously, it had levied annual charges only on operating nuclear power reactors, which constitute the most significant group of NRC licensees.

On July 10, 1991 (56 FR 31472), the NRC published a final rule in the *Federal Register* that established the Part 170 professional hourly rate and the materials licensing and inspection fees, as well as the Part 171 annual fees, to be assessed to recover approximately 100 percent of the FY 1991 budget. In addition to establishing the FY 1991 fees, the final rule established the underlying basis and methodology for determining both the Part 170 hourly rate and fees and the Part 171 annual fees. The FY 1991 rule was challenged in Federal court by *Allied Signal, Inc. v. NRC* and *Combustion Engineering v. NRC*.

The court remanded two issues to the NRC for further consideration. Despite the remand, the court did not vacate the rule. One of the remanded issues related to the exemption from annual fees for nonprofit educational institutions. The second remand issue dealt with LLW disposal costs.

2 of 13 DOCUMENTS

Allied-Signal, inc., Perfilancer v. U.S. Marieur Regulatory Commission and the United States of America, Respondents Combustion Engineering, Inc., Perfilance v. U.S. Nacion Regulatory Commission and the United States of America, Respondents Combustion Regimentary, Inc., Perfilancer v. U.S. Rocker Regulatory Commission and the United States of America, Respondents Allied Signal, Inc., Perfilancer v. U.S. Rocker Regulatory Commission, Respondent

No. 91-1407, No. 91-1435, No. 92-1001, No. 92-1019

UNITED STATES COURT OF APPEALS FOR THE DISTRICT OF COLUMBIA CIRCUIT

300 U.S. App. D.C. 198, 928 P.23 L46, 1993 U.S. App. LEXIS 4624

November 5, 1992, Arguel March 16, 1993, Decided

PRIOR HISTORY: [101] Pessions for Review of An Order of the U.S. Nocice Regulatory Commission.

COURSKI: John Holf, with whom Leonard A. Miller was on the brief, for penitoner Allied Signal, Inc. in Nos. 91-1407 and 92-1019.

Harold P. Reiz, with whom Michael F. Healy wis on the brief, for perfining Christmann Engineering, Inc. in Nos. 91-1435 and 92-1001.

I. Michael Rafly, with whom William C. Parier, General Council, John F. Cordes, Sr., Solicitor, and E. Leo Siaggie, Deputy. Solicitor, U.S. Nuclear Regulatory Commission, and Ratherine Adams. Assumey. Department of Justice, were on the inief, for respondents.

JUDGES: Before: Sibermon, Williams and D.H. Gunberg, Cheant Indges, Opinion for the Coun filed by Circuit Indge Williams.

OPINION BY: WILLIAMS

OPINION:

[-148] Williams, Circuit Judge

Congress has ideated the Nuclear Regulatory Commission to becover 100% of its costs from those who receive he regulatory markets and to allow the con"fairly and equivalty" among those professor. Pertained
Allied Signal and Combination Regulating challenge on
NRC rule making that allocation, they also small the
NRC detail of various requested exemptions from the
free. They allege that the Commission's [*2] actions did
not entirely Compress "fair] and equivalets" another and
also were midway and equivalets. We agree in purt and
measured the case to the Commission:

Under autouby gramed in the Independent Offices Appropriation Act of 1952 ("EDAA"), 57 ILS.C. § 970), the Commission has long charged fees to cay person who received a service or string of value from the Commission. (That term includes periods Commission. (That term includes perhaps oxymmunically, negationry services such as pennic processing.) In 1986, Congress expended the NRCS recovery ambady in the Committeed Outsides Budget Reconciliation Act of 1985 ("COSEA"), Pub L No. 99-272, 100 Szr. 147, and embatical it to recover \$3% of he total summi budget through feet. Because 10AA fees small not generate that sum, Compress allowed the NRC to assessives not only for the navine-specific costs covered by 10sA but also for the Commission's generic costs of operation (s.g., costs estaciated with strictability proceedings or safety research). Later ares refeed the budget recovery level to 45% for the years 1988 through 1990, at in carrying dut the 13% and 45% relower mandars, the Commission imposed fees for [203] penalic cost only on licenses who opened moles

power stactors, reisoning that they absorbed the most regulatory resources. See Florida Power and Ugia Co. v. United States, 269 U.S. App. D.C. 577, 846 F24 765 (D.C. Cor. 1988)

n) See Ommilier Budger Keryar Hinter Act of 1987, Pub. L. Ko. 100-202, 101 Sur. 1330-222: Omnilier Reconstitution Act of 1989, Pub. L. No. 103-239; 105 Sur. 2132

in the 1990 Committee Recommitation Act (*1990 CERAT Pub 1. No. 101-508, 104 Sec. 1381-59. Company mised the security manage for 1991-95 to 100% of the Commission's broken, and Pale ... No. 101-200 \$ CID (CAREE) at (2) (USC \$ 2010) and held fig. Complexion to promption: a take expensioning the process fees there are expensionly smoon, because it at \$ 6101(6)(3) (codified 8: 42 U.S.C. § 2214(6)(31)). The Especiation States and the so the maximum communication by the charges (pressed by the cole) from the s personable (eve) sessionship to the cost of providing regulately services and may be based on the afficients of the Commission's resources among licenses of Chases of icenses. M. After paries and comment, the Commission framed a rule purporting to carry out these directions in being so, it imposed tees on sincelly all licensets. See Revision of Fee Schedules: 100% Fee . Beauvery (the 'Finel Balle') So Fed. Rev. 31/47/ (bit) 10, 1991) (Coffiel & 10 CTR SE SZ, 71, 170, and 171).

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Affect, a transium homolouride (UF) converter, first completes about the Commission's failure as consider the inability of UF converters to "pass through" ORPA fails to commission. In the commission's most part by raising prices. Allied assent that the Commission's transment of the lane was inconsidered with ORPA and also with the NRC; primarit of other incorpes passinguity.

Allieft claim nest on simple facts. It explains that domestic UF converters compare with furtien UF converters compare with furtien UF converters who are not subject to NRC licensity and thus are not required to pay NRC facts. Competition, it says, is stiff, ancread in bilding on UF conversion contracts often must on [255] differentials as small as one cant per pound of UF. Because adding up to almost five cause per pound of UF. Because adding

the fee to their prices will drive entiquers to foreign convergers, domestic HF convergers cannot pass the conference. Albeit draws a simp contain between HF Convergers and other MRC becomes such as elecute milities, which is myr are readily able to pass the cours on to customer. The Commission departs more of them

Allied's manney theny rest loss on the 1990 ORRA and on the legestone belong of 1986 CORRA via he legestone belong explicitly inited to the 1990 ORRA via he legestone binary, section San(c)(3) or the 1990 ORRA (contined at 42 ULC. § 22/4(3)3); provides and

the Commission shall exchise, by rate a schedule of charges facily and epochisty allocating the appropriate amount of charges for appropriate amount of charges for appropriate facility of the Commission's laterally.

(Emphasis added.) The Confinence Report to the 1990 OBRA states that the Commission has the discretion to street animal charges against all of its licenses. He Coad. Rep. 760, 964, 10ths Coad. 1990 2d Sea. (1990), at 961. At the same time, however, the Report expressly leastly on the person of the pinor) manager [of 1986 COBRA] on the present mathematy of the NRC to success first. M. That successes in man decimal that it may be instrumented of the continues for the continues for the continues for the continues for the continues for the continues for the continues for the continues for the continues for the continues for the continues for the continues for the continues for the continues for the continues for the continues for the continues for the continues for the charges for the charges for the charges for the charges for the charges for the charges for the charges for the charges of the charges of the charges for the continues consider the Commission street for schedule for the factor for continues to describe for not factorized at 1980 (completes at 1980) (completes at 1980) (completes at 1980)

The training language and legislative bisney do not in our view, add up to an incumble mandate to protect densest of Receives with limited shilley to pass first forward. Even the 1986 legislative bisney, which is the Country, which is the Country, or convery mandate, only descript the Countries to "take account" of presidences for those mandatations country and fine those mandatations country. Managers, the 1990 Conference Report explicitly and that Countries preserved [947] 'NRC's discussion is impose first on "one or more classes of

His

non-power-reacur licenses: If the Commission believes it can fairly, apailably, and practically 60 so. H.P., Conf. Rep. No. 964, 101sf Cong. 26 Sess. (1990), at 961. Even if we were to give the legislative hittary great weight, we could aim conclude that Congress has "directly spoken" to whether the Commission units span increases that contact pass the free forward. See Cheston w. Manual Resource; Defence Contact, 467 [J.S. 837, 842, 81 L. Ed. 24 694, 104 S. Ct. 278 (1984). The question therefore it winder the Commissions interpretation is reasonable. See id, at 865; Chemical Memphysics Active v. 278, 287 U.S. App. D.C. 49, 919 F.24 LS, 107-65 (D.C. Cir. 1980).

The Commission officed two justifications for its decides to dissecut the passingues courses of UF converters. Fast, it appeal that it could not expect feer based on temperative impact because the 100% recovery mandate of 1990 CBRA [7150] world require any attenued of firs for our class of licenses to be recomped from others. See Find Rolle, 56 Fed. Res. or 31,476; Lener of HRC Desying Allied Becompion [**8] Request at \$-4. Histories, while one could signs that it is turber to charge any regulates more than he pro rate above of generic code foud not unlike to excuse come psycholect from paying all of their purcess above when less than 100 Percent upon be recovered), that potential explanation Commission willingness to make an exemption for proposition educational institutions better the execution fast it will not charge any regulated more than he pao gain chare.

Numerheless, the Commission also pointed to an entirely legitimes concern the difficulty of assessing the shifty of its 9000 licensess to pass through cours. See NRC Deads of Allied Exemption Request at 4. A firm's shifty to pass through a barden to its commune depends on the price classicities of apply and demand. Including the price classicities of apply and demand. Note that the fees are technically not mass, the same principle applies to costs generally.) Because these classicities are typically hard to discover with much confidence, the Commission's refusal to read the strong a rigid meadant to do so to not only understandable [259] but reasonable.

It does not follow, however, that the Commission's application of the stande was in every respect reasonable. If departy to past the less through can be described with reasonable accuracy and at reasonable cost for

specific classes of licensees, there appears no reason why the Commission should not do so. In fact, the Commission but made such a determination for auditor class of licensees, even though that charts claim means an bester formied than the claim of the domestic UF conventers.

Specifically, in the Final Rule the Commission exempted manuscript exhecutional institutions from payment of centrin 1990 CHPA fees. See 56 Fed. Reg. at \$1,48771-2, \$1,49171-2; 10 CFR \$ 177-13(a). This appears to be based at least in part on the unionale that each institutions have a limited ability to pain tied costs on to other. Final Rule, \$5 Fed. Reg. at \$1,47771-2 (1991). 102 See also 56 Fed. Reg. at \$1,48772 (speaking of educational institutions. Timbed shifty to plan regulatory costs through to their effects.

12 This passage places to the series specific first, but no independent justification for the exchangeon from genetic consuppore, and the Commission have become to some that the captanation extends to the genetic. See Commission Brief at 8, 19-20.

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The Commission nowhere explains how it was able to make this finding for non-product into is not able to resolve the classicity claim one way or the other for domestic His convenient. The Commission does not so inner no bint at the relating to the matters in which educational institutions serve their claims. At Neither does the Commission explain why a demand elasticity exiculation was any easier of less costy to complete for educational institutions than for UF convenient. Thus this Commission's denial of relief for UF convenient, both at the relatinishing and the examplian sugar, cannot be vicared as measured decision-making.

vil We note that for educational institutions with centain types of Recence, the exemption is tonovalishie with respect to activities such as tonovalishie with respect to activities such as remarkable with respect to activities performed for other persons, and "activities performed under a Government commer." See 10 CFR § 171.13(a)(2) & (6). This exclusion from the exemption however, is limited to specific types of Recences, namely "byproduct, sound or specific types."

THE RESERVE

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As imadequately supported role however, need not necessarily be vecated. See, e.g., international Orders, OMAY v. PASSA, 257 U.S. App. D.C. 166, 920 F.24 960, 966-67 (D.C. Cir. 1090); Maryland People's Connect v. PEAC 267 U.S. App. D.C. 333 768 F.24 651, 655 (D.C. Cir. 1985); MODER, Inc. v. NCL, 985 F.24 1075, Sign D. at 12 (D.C. Cir. 1989). The decision systems to vacuum depends on the techniques of the contest definicación (and times the contest of done strends of the contest definicación (and times the contest of done strends the approxy chose contest?) and the Gauquers connectements of an incetin (255); change that may made be changed. ** Increasional Heisen, \$20 F.24 on \$67.

It is conceivable that the Commission may be able to capiels how the principles supporting an exemption for ementone) interioripus do set justify a smalls campaion for domestic UP consumers. For example, the Commission may develop a reasoned explanation based cm an alternative functionation that is effect for the Non-modif editestional institutions Compiles and Calestians reserve parties at impount inself to the muches infustry and the public at large and sized me by discouraged 5 % Feet Sep. at 31,677 [412] 12. White this principes is quite vague-the branchs of the convention can be of the convention can be of the convention of the con Commission's focus is on sheemer, with the tides that consider yields exceptionally large extensions benefits dust cannot be captured in button or other mater prices We cannot tell at this point whether the exemption for educational austrations could be reasonably succeed in sach a thery, but there is a least a serious possibility that the Commission will be able to subdomine its decision on benned.

At the same time, the consequences of variety may be quite discupline. Even assuming that we could meetly variet the rule insular as it denies an exemption for UF converters, the Commission would need to refind all 1990 OBRA fees collected from those converters, in addition it evidently would be unable to recover those fees under a later-enacted rule. See Bowers v. Georgeown University Hospital, 488 U.S. 204, 208-09, 102 L. Ed. 2d 493, 109 S. Ct. 468 (1988). (rejecting respective application of rules even if operating only to core defects in previously enacted rule). Therefore, because of the

prescribility [**15] that the Commission may be able to justify the Role, and the disruptive consequences of vacuum, we remain to the Commission for it to develop a treasured treatment of examples claims based on passed manufacturing immitting.

Confusion Projecting also cased a related pessibility against fine large contacts in its secure of the industry constraint is stony to pass forcets costs and therefore require stone of product photo-in. See Continents of Combestion Engineering, May 13, 1991 at 2. On remaind, the Commission mass address this claim as used.

The way of the time of the party of the

Light Barris Comment Alfred also argues that the Commission specularment of fees which the time of democile IP Convenies trained the 1990 (1802 A. Affiel topues (aging without dispute by the Commission) that it has required much less regulacy exemion then the only other member of the UF convenes class, the Separati Park Corporation, because of the latters enforcement problems. See NRC Deniel of Allied Econopies Request at 7. Thus, Allied says, allocation of the Sees equally between the two TUF conveness violety for 1990 ORRA's discover that ORRA, charges be appendicted Littly and equiphly and that to the maximum extent offences: a vert linia separti on discharg p. -Sentencia) 2) the crost of pay-string negligible year year. Pab. 1. No. 101-508, \$ 6101(3(3) (codified at 42 U.S.C. \$ 2214(c)(3)) Albeit contents that the Commission instead couple to have divided the closely first after in proportion to the amount of NRC member regulard by each convince as for purposing to the service specific (IOAA) the paid by the two coursess

Allied's argument fails because it designed the premise that 1990 CHERA first are not service-question they do not telem to identificable services but paties that do not telem to identificable services but paties constitute generic cours. See Faul Role, 30 Fed Reg. or 31,4772. Assuming that the Commission contextly the cities in question (and Allied does not comes? the classification), there is a presumption that even regulatory effort precipioned by the chromosomers of a chopic feenest of a given class will yield resolution as a research footnotes or nephotoms, of roughly equal importances for all members of the same class.

[*152] This conclusion is not undermised by the Commission's willinghest to apportion 1990 CERA feet beavers groups [**15] of licensess on the basis of the attention required by each group. See Final Rife, 34 Fed. Rieg. on 31.476; Letter of NRC Despite Allied Exemption Request at 2, 4-6. First, the spillower of branches beams for greater within a group of formers than beavers groups. Sen M. at 5. Second, the administrative costs of group-level appointenment are obviously much lower than licenses-level apportionment tecause the number of fireness greatly exceeds the number of groups.

Here, neither of the meaning devices proposed by Allind var workship or securate enough to wincom our building the Commission's rejection of them admirary or especialous. Any countries on between a fermion's IOAA (finement-specific) costs sulf for benefits from generating persons purely coincidental. And to use as a particular casts incomber's tendency to precipitate regulatry effort would not only disregard spillover effects but would not easy disregard spillover effects but would not easy disregard spillover effects but would not easy disregard spillover effects but would not easy disregard spillover effects but would not easy disregard spillover effects but would not easy disregard spillover effects but would not easy disregard spillover effects but would not easy disregard spillover effects but would not enter the spillover effects but the spillover effects but the spillover effects but the spillover effects but the spillover effects but the spillover effects but the spillover effects but the spillover effects but the spillover effects but the spillover effect

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Allied makes a nanouser smark on the Commission's rejection of fate-group apparament, manely that the Commission was estimacy and especies in falling [**16] to apportion the growle costs associated with the dispensal of low level trailings live waste (TLW) on the lastic of each licenser's actual waste. See Pinel Rate, 50 Fed. Rep. of \$1,497; 10 CFR \$ 17/1/64) At the class level, the Commission allocated costs in accordance with each clear, considerion to the and quanty of HW. Because materials ficcuses (a group that includes UF convenus) collectively guidant 40% of the nation): 11.W, the Commission Slicested 40% of its LLW costs to that class. See M. When it turned to appointment of those feer among the manufals licensees, however, the Commission shandoned that approach and simply executed each large finel facility (of which Allied is one) on identical charge of \$ 143,500. For explanation, the NRC officed only the concussury statement that "the Commission _ believes _ the surcharge should be the same for all large field facility licensees. See Final Rule, 56 Fed. Rep. at 31,483.

The Commission provides no rationale for apportioning casts among classes of LLW produces on the basis of LLW coupar but reflexing to apply that same yaudstick in apportioning general casts [*17] within

cineses, and no rationale is readily apparent. While it is conscivable that the real beacht of LLW displant services is merely the availability of such services-in which case a flex fee would make sense-eny such idea is incresistant with the Commission's method of appendicums ILW first many classes of Birmen. which appears to assume that benefit is proportional to L.W quently. If, on the other hand, my Benniets benefit from LLW disposed in theory propurious to in LIW disposal, approximately costs francis costs on the basis of cope seems to make proport only as to classes, but also as to individual Resonant. Finally, assuming that the Commission calculated each class country of LLW waste from the supplied by each Deceases (as seems processedly time), it is fixed to see any advantation making with appearing in first within the class on the basis of output, the data are evaluate and the required companions would be retimentary.

In applying the believing of honorantonal Union and like cases we here give liads weight to the possibility that the Commission could pull a remount in explanation ou of the lat, Rescheless, vacating the introckes [**11] appointment of LLW costs would give Remotes a peculiar whichilt, even com that Jenefitted from the Commission choice would parametry be estilled to a sectional, and, under Georgeopen University Hospital, fire 11.W costs could be recovered from 20 one. To be sine, the costs are sid great, absolutely or as a programme of the Committeesion's \$ 465 [*153] instition but 1993-5 18 million: See 56 Fed. Rep. at \$1,486, \$1,497. Bur there show is broudly a pressur to crease prob a window Acceptingly, we reliate from varieting the role. If on remand the Commission concerns the appendiment must be in accordance with usage, then those flow whose burden is lower under a new non-erhinary, mile should be emified to reliable of the

If indeed the remand leads to replacement of the per-licenses allocation, and licensess enjoy only reflects for the difference between liability under the old rule and liability under the new (rather than untal refinels). 2 might be argued that much a result allows the new rule to have "respective effect". In violation of Georgeomes University Hospital. See 488 U.S. at 208. There [**19] is, plainly, some remainive effect. The effect, however, is only to define that aspect of the old rule that must be out overy as legally, consisten. We do not read Georgeoma as laming so limited a remounter impact.

existing, we reject it for the resons sinted as to

Findly, Combuston Engineering chillings the Companished decision to silventy CHRA first equally to man los cracies manns (2,215) manuferning beaute hatted or diving the first speally among the 137 manufacturing Resident Compaction Opens and Operates two LEI sacrities, each reputately Research, and Computation asserts that in the appreciate fire 1990 are operationally convalent tố the single-plant. single-licence, facilities of the other LEU minufestures. At call superiors Commences expedient first Like two Bense for the Skilling only because of bisument chance; if boogle a company with a separate because almost 20 years and mail the Commission inquestrated the course ORRA fee scholate fiere has naver been my meson to consolidate the Messes. As below, the Commission disputes none of these controllers.

Conduction streets both the regulation imposing the feight fier per license, rule and the Commission's desiral of an exemption. [**20] Both claims rest religionship on the 1990 ORRA's direction that fees must be appositioned Takin and equivally and that "to the assessment exemt practicable, changes shall have a measurable relationship to the cost of providing regulatory sciriles." Fish L. No. 101-508, \$ 6101(c)(3) (codified at 62 [U.S.C. 2214(c)(3)). Although we find the thest extensions measurable, we agree that the Commission has not justified its religial to give the requested exemption.

The argument that the "equal feet per license" rale is "antific and inequilability" is personaive only on the ground that the rale produced transling results when applied to Combustion's characteristics—which Combustion inelf excerts for annual. We see no resonn for requiring the Commission to entend to their rather serve abundant in the rale inself, of MIRB to Bell Accorptors Co. 476 U.S. 267, 40 L Ed. 24 134, 94 S. Cr. 1757 (1974), especially as the generic rule allowed (generically) for exemption at

p4 Insufer as Combustion argues, in parallel with Allied, that § 6101(c)(3) of CRRA generally requires intra-group appointments on the basis of factors such as the amount of attention a licensee requires, the competitive position of the firensee, and the actery this posed by the firensee's

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Combastion's exemption apparent, however, has marit. The Commissionis own criteria call for an exemption if the ficenset can show that "the assessment of the annual five wealth result in a significantly displanationale allocation of cases to the licenset." 10 CFR 5 171.11(a). The double assessment against Combastion's two licenset increased its OBRA flees by \$ 836.500. Against this, the Commission is given by point to almost nothing by way of greater case. Speaking to the issue to turnstally annually, the marite images, the IRC in substance could point to only are additional bundless-the need to small an extra copy of tempta NRC publications to the second facility and the need for no different NRC regional offices to number and regiond to [*154] allegations about the two plane. See NRC Denial of Combastion Recouption Request a 5-6.

The double burden for Combustion, measured against de subbute silditional burdens for the Combustion, simply overtoness the burdle emblished by 10 CFR & 171.11(d). n5 Thus the continuous dended is athlitary and capatitions. We therefore times the Combustion to grant an examplion for Combustion to the siddininal feet collected as a mask of the double-linearing [**22] of its operation, a6

15 10 CFR § 171.11(d) this contains two other factors that the Commission dell consider when evaluating an exemption masse. Although pairs of § 171.11(6) but militeress regarding whether m applicable must faiful sil, or only one; of the factors, the fact that me applicant could not follow. طلا citation Tetal 171.11(0)3) - my other relevant moner that the licenses believes shows that the annual fire was not based on a fair and equiphle allocation of NRC costs"-result fine the "freme" should not be read as confinctive requirements. The forms hanced seem to be best understood as independent टाक्सोर्वेट्समानाड फोर्केटो ट्रांत डायुर्वेटा का ट्रांट्सक्रीकर.

no We are not required to address Allied's Seexemption request because of our previous disposition of Allied's other claims. The expens of Allied's request dealing with possitional

300 U.S. App. D.C. 193; 988 F.2d 146, *154; 1993 U.S. App. LEXIS 4684, **22.

ability and LLW fees are almost certain to stand or fall along with the remanded chains; and the aspect chaining that OBRA requires because special calibration of fees fails.

in special training to the basis of initiality to pass the larder of the fees through to customers and (2) the larder of the fees through to customers and (2) the larder of the fees through to customers and (2) the larder of approximating general LLW disposal costs among numericals licensees. In addition, we direct the Lorentziano to grant in exemption to Combination for the general feest standardle in the double-licensing of in LED approxim.

We remain the case to the Commission for a

So ordered.