

The table below offers resource estimates for common licensing and oversight services. This information is being offered to enhance stakeholder awareness of the costs associated with these services. It will also aid licensees and applicants in the planning and budgeting of future applications. The NRC encourages licensees and applicants to engage early in the process when submitting new actions. The table will be updated on a biennial basis. The estimated hours shown in this chart represent NRC professional staff hours associated with project management, safety specialists, safeguards specialists, and environmental specialists. The distribution of time among professional staff members (job categories) working on a project vary within each activity and from project to project. However, a single professional hourly rate is applied to all hours regardless of which professional staff contributed these hours. Indirect costs are included in the applied hourly rate as published in the current NRC Fee Rule. The average, high, and low estimates of hours shown in this chart are only intended to provide an approximate estimate of the total cost of NRC work on a billable activity based upon historical data. In addition, contractors are used to assist the NRC to complete projects. Contractors can be used to supplement NRC staff or provide a particular expertise required for the project. Similar to the hourly estimates, the average, high, and low estimates for contractor costs shown here are only intended to provide an approximate estimate of total contractor billable costs on an activity based upon historical data and resource estimates may differ.

<b>Fuel Facility Regulatory Action Cost Estimates (Month 2025)</b>						
Major Licensing Action <sup>1</sup>	Billed Number of NRC Direct Staff Hours: Low Estimate of Level of Effort	Billed Number of NRC Direct Staff Hours: High Estimate of Level of Effort	Billed Number of NRC Direct Staff Hours: Average Estimate of Level of Effort	Billed Contractor Costs: Low Estimate of Level of Effort	Billed Contractor Costs: High Estimate of Level of Effort	Billed Contractor Costs: Average Estimate of Level of Effort
<b>Fuel Fabrication - High Enriched Uranium</b>						
License Renewal Cost	2,200	3,000	2,600	\$0	\$600,000	\$300,000
Complex License Amendment Cost <sup>2</sup>	N/A	N/A	2280	\$0	\$0	\$0
License Amendment Cost	15	630	90	\$0	\$0	\$0
Security Plan Review	10	60	30	\$0	\$0	\$0
Financial Assurance Review	20	50	25	\$0	\$0	\$0

Nuclear Criticality Safety Review	N/A	N/A	190	\$0	\$0	\$0
Project Management (annual)	200	600	400	\$0	\$0	\$0
<b>Fuel Fabrication - Low Enriched Uranium</b>						
Initial Application Cost	N/A	N/A	N/A	N/A	N/A	N/A
License Renewal Cost	1000	9000	3800	\$0	\$0	\$0
Complex License Amendment Cost <sup>2</sup>	1050	1550	1300	\$0	\$0	\$0
License Amendment Cost	15	300	86	\$0	\$0	\$0
Security Plan Review	30	55	38	\$0	\$0	\$0
Financial Assurance Review	9	200	70	\$0	\$0	\$0
Nuclear Criticality Safety Review	70	300	180	\$0	\$0	\$0
Project Management (annual)	160	1650	350	\$0	\$0	\$0
<b>Enrichment Facility</b>						
Initial Application Cost	14000	17500	15750	\$600000	\$2,500,000	\$1,550,000
Complex License Amendment Cost <sup>2</sup>	2300	2,700	1500	\$600,000	\$600,000	\$300,000
License Amendment Cost	20	500	130	\$0	\$0	\$0
Security Plan Review	10	200	50	\$4000	\$6000	\$5000
Financial Assurance Review	15	150	65	\$0	\$0	\$0

Nuclear Criticality Safety Review	180	200	190	\$0	\$0	\$0
Project Management (annual)	100	1000	500	\$0	\$0	\$0
<b>Conversion Facility</b>						
Initial Application Cost (single action, International Isotopes)	N/A	N/A	6000	\$6000	\$2,500,000	\$1,550,000
License Renewal Cost (single action, Honeywell)	N/A	N/A	4300	\$0	\$0	\$300,000
Complex License Amendment Cost <sup>2</sup>	N/A	N/A	4500	\$0	\$0	\$0
License Amendment Cost	35	260	135	\$0	\$0	\$0
Security Plan Review	50	60	55	\$0	\$0	\$0
Financial Assurance Review	15	130	65	\$0	\$0	\$0
Project Management (annual)	175	1600	240	\$0	\$0	\$0
<b>Greater than Critical Mass Licensee – Non Fuel Cycle</b>						
License Renewal Cost	450	1,700	650	\$0	\$0	\$0
Complex License Amendment Cost <sup>2</sup>	300	550	275	\$0	\$0	\$0
License Amendment Cost	10	150	80	\$0	\$0	\$0
Financial Assurance Review	2	100	30	\$0	\$0	\$0
Project Management (annual)	30	200	90	\$0	\$0	\$0
	Billed Number of NRC Direct Staff Hours: Low Estimate of Level of Effort	Billed Number of NRC Direct	Billed Number of NRC Direct	Billed Contractor Costs: Low Estimate of	Billed Contractor Costs: High Estimate of	Billed Contractor Costs: Average

		Staff Hours: High Estimate of Level of Effort	Staff Hours: Average Estimate of Level of Effort	Level of Effort	Level of Effort	Level of Effort	Estimate of Level of Effort
<b>Product Line - Inspection<sup>3</sup></b>							
<b>Routine Safety Inspection – Quarterly inspection reports that consolidate the results of several routine inspections, including resident inspector direct inspection effort</b>							
Fuel Fabrication - High Enriched Uranium (HEU) Facility Inspection Cost	2383	2,876	2673	\$0	\$0	\$0	\$0
Fuel Fabrication - Low Enriched Uranium Facility Inspection Cost	695	1,420	935	\$0	\$0	\$0	\$0
<b>Routine Safeguards Inspection – Typically stand-alone reports associated with oversight of the use of material control and accounting programs to verify that all special nuclear material is properly controlled and accounted for, as well as the physical protection (or physical security) equipment and security forces.<sup>4</sup></b>							
Physical Security Inspection Cost (HEU Facility)	195	473	340	\$0	\$0	\$0	\$0
Physical Security Inspection Cost (LEU Facility)	72	107	90	\$0	\$0	\$0	\$0
Material Control & Accounting Inspection Cost (HEU Facility)	219	405	283	\$0	\$0	\$0	\$0
Material Control & Accounting Inspection Cost (LEU Facility) - conducted biennially	125	232	168	\$0	\$0	\$0	\$0
<b>Reactive Inspection – Inspections conducted in accordance with procedure 88003, "Reactive Inspection for Events at Fuel Cycle Facilities," after events that require prompt follow-up action.<sup>5</sup></b>							
Reactive inspection Cost	17	37	29	\$0	\$0	\$0	\$0

Resident Inspector Indirect Cost - Hours included above for HEU Routine Safety <sup>6</sup>	540	750	630	\$0	\$0	\$0
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<sup>1</sup> Additional categories of licensing actions were added for granularity and to enhance the planning and budgeting of applications.

<sup>2</sup>A complex review involves multiple technical review disciplines and an environmental assessment. Examples of a complex license amendments are major expansions of existing facilities or an increase in enrichment under an existing license

<sup>3</sup> The direct staff hours include inspection preparation, documentation, routine inspection-related communications and travel hours. These hours are in addition to the “direct inspection effort” defined in NRC Inspection Manual Chapter 2600, “Fuel Cycle Facility Operational Safety and Safeguards Inspection Program,” and in the associated inspection procedures. Annual hours may fluctuate based on which inspection procedures are required to be used in inspections in a given year. Inspections may be performed on a semi-annual, annual, biennial, triennial, or quintennial frequency.

<sup>4</sup> Information Security inspections not included in hours estimate.

<sup>5</sup> Reactive Inspection hours based on actual hours charged to IP 88003 between 2021-2024. IP 88003 resource estimates are between 8 and 72 hours depending on the significance of the event.

<sup>6</sup> Resident Inspectors are currently only assigned to HEU Fuel Fabrication Facilities