

Operating Reactors Business Line Fee Estimates (February 2023)

The table below offers resource estimates for licensing activities for the operating reactors business line. This information is being offered to enhance stakeholder awareness of the costs associated with these services. Actual costs may vary depending on the specific circumstances.

The estimated hours shown in this chart represent NRC professional staff hours associated with project management and engineering review. 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.

Licensing Action	STAFF Hours			CONTRACTOR Costs		
	Low Level of Effort	High Level of Effort	Average	Low Level of Effort	High Level of Effort	Average
Amendments - simple	15	2,121	247	16,500***	126,500***	53,500***
Notices of Enforcement Discretion	2	96	31	\$ -	\$ -	\$ -
Exemptions	3	133	41	17,000***	17,000***	17,000***
License Transfers	66	527	323	\$ -	\$ -	\$ -
Orders	81	81	81	\$ -	\$ -	\$ -
Relief Requests	11	873	110	\$ 24,000***	24,000***	24,000***
Power Uprates - Measurement Uncertainty Recapture	1,036	1,036	1,036	\$ -	\$ -	\$ -
Power Uprates - Stretch Uprate	600	2,500	**			
Power Uprates – Extended Power Uprate	4,000	12,160	4,089			
Non-Power Production and Utilization Facilities (Research and Test Reactor) - License Renewals	714	6,677	2,473	\$ -	\$ -	\$ -
Non-Power Production and Utilization Facilities (Research and Test Reactor) - Amendments	18	1,343	**	\$ -	\$ -	\$ -

Non-Power Production and Utilization Facilities (Medical Radioisotope Facility) - Construction Permit Application Review	11,396	19,856	15,796	\$ -	\$ 100,000	\$ 70,000
Non-Power Production and Utilization Facilities (Medical Radioisotope Facility) – Operating License Application Review	13,100	33,850	22,450	\$ 40,000	\$ 100,000	\$ 70,000
Non-Power Production and Utilization Facilities (Research and Test Reactor) Oversight Program	4,500	5,760	5,130	\$ -	\$ -	\$ -
Non-Power Production and Utilization Facilities (Medical Radioisotope Facility) Construction Oversight	1,510	3,020	1,510	\$ -	\$ -	\$ -
Topical Reports- simple	250	700	600	\$ 70,000	\$ 150,000	\$ 105,000
Topical Reports - med complex	500	2,000	1,350	\$ 150,000	\$ 300,000	\$ 175,000
Topical Reports - high complex	2,000	4,000	3,000	\$ 300,000	\$ 450,000	\$ 425,000
License Renewals	13,800	19,700	16,750	\$ 40,000	\$ 120,000	\$ 80,000
Subsequent License Renewals	21,000	30,100	25,850	\$ 40,000	\$ 436,000	\$ 238,000
Baseline Inspections	1,863	2,422	2,143	\$ -	\$ -	\$ -
Inspection Support Activities	2,300	4,900	3,550	\$ -	\$ -	\$ -
95001 - Supplemental Inspection Response to Action Matrix Column 2 Inputs	40	120	80	\$ -	\$ -	\$ -
95002 - Supplemental Inspection for One Degraded Cornerstone or Any Three White Inputs in a Strategic Performance Area	100	200	150	\$ -	\$ -	\$ -
95003 - Supplemental Inspection for Repetitive Degraded Cornerstones, Multiple Degraded Cornerstones, Multiple Yellow Inputs or One Red Input	750	3,000	1,875	\$ -	\$ -	-
Other Inspections and Assessment	40	330	185	\$ -	\$ -	\$ -
Engineering Inspection Support				\$ 60,000	\$ 100,000	\$ 80,000

* For Current NRC labor rates, refer to the most recent Fee Rule. For FY22, the rate is \$290/hour

** Providing an average is not useful due to variation in the subjects of amendments

*** Less than 2 percent of these actions were accomplished with the use of contract support