

# Operating Reactors Business Line Fee Estimates

(April 2020)

The table below offers resource estimates for licensing activities for the operating reactor 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.

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	5	3,217	168	\$16,500***	\$126,500***	\$53,500***
Notices of Enforcement Discretion	7	24	12	\$0	\$0	\$0
Exemptions	24	385	99	\$17,000***	\$17,000***	\$17,000***
License Transfers	12	418	128	\$0	\$0	\$0
Orders	20	75	35	\$0	\$0	\$0
Relief Requests	5	355	51	\$24,000***	\$24,000***	\$24,000***
Power Uprates - Measurement Uncertainty Recapture	1,736	1,772	1,758	\$0	\$0	\$0
Power Uprates - Stretch Uprate	600	2,500	**	\$0	\$0	\$0
Power Uprates – Extended Power Uprate	4,000	12,160	4,080	\$0	\$0	\$0
Non-Power Production and Utilization Facilities (Research and Test Reactor) - License Renewals	714	6,677	2,159	\$164,000	\$313,000	\$238,000
Non-Power Production and Utilization Facilities (Research and Test Reactor) - Amendments	18	1,170	**	\$26,000	\$91,000	\$58,000

Licensing Action	Staff Hours*			Contractor Costs		
	Low Level of Effort	High Level of Effort	Average	Low Level of Effort	High level of effort	Average
Non-Power Production and Utilization Facilities (Medical Radioisotope Facility) - Construction Permit Application Review	11,396	19,856	15,796	\$40,000	\$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	\$0	\$0	\$0
Non-Power Production and Utilization Facilities (Medical Radioisotope Facility) Construction Oversight	1,510	3,020	1,510	\$0	\$0	\$0
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	\$300,000	\$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	1,625	2,100	1,863	\$0	\$0	\$0
Inspection Support Activities	2,300	4,900	3,550	\$0	\$0	\$0
95001 - Supplemental Inspection Response to Action Matrix Column 2	40	120	80	\$0	\$0	\$0
95002 - Supplemental Inspection for One Degraded Cornerstone or Any Three White Inputs in a Strategic Performance Area	100	200	150	\$0	\$0	\$0

Licensing Action	Staff Hours*			Contractor Costs		
	Low Level of Effort	High Level of Effort	Average	Low Level of Effort	High level of effort	Average
95003 - Supplemental Inspection for Repetitive Degraded Cornerstones, Multiple Degraded Cornerstones, Multiple Yellow Inputs or One Red Input	750	3,000	1,875	\$0	\$0	\$0
Other Inspections and Assessment	40	330	185	\$0	\$0	\$0
Design Basis Assurance (DBA) Inspection: Inspection Procedures 71111.21M and 71111.21N	210	278	244	\$17,107	\$65,577	\$119,417

Notes

\* For Current NRC labor rates, refer to the most recent Fee Rule. For FY19, the rate is \$278/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