



FY 2020 Congressional Budget Justification Summary

U.S. Nuclear Regulatory Commission

March 11, 2019

The Nuclear Regulatory Commission

- **Mission:** To license and regulate the Nation's civilian use of radioactive materials to provide reasonable assurance of adequate protection of public health and safety, to promote the common defense and security, and to protect the environment.
- The FY 2020 budget request reflects the NRC's continued commitment to protecting public health and safety and ensuring the long-term safety and security of nuclear power facilities and nuclear materials.



Budget Request Summary

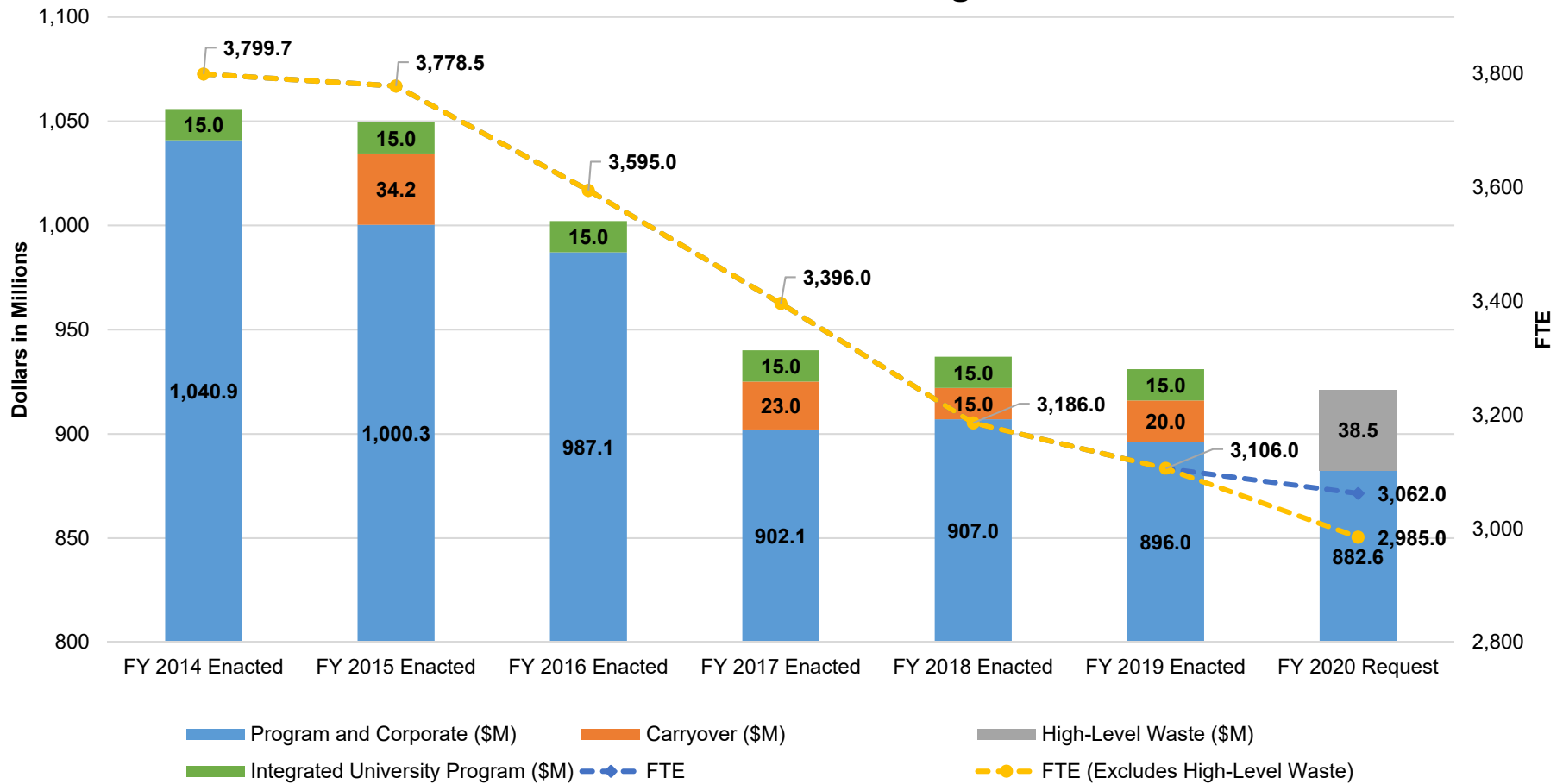
Major Program	FY 2019 Enacted		FY 2019 Total Authority		FY 2020 Request		Delta FY 20 – FY 19 EN	
	\$M*	FTE	\$M*	FTE	\$M*	FTE	\$M*	FTE
Nuclear Reactor Safety	459.4	1,919.0	469.8	1,919.0	449.5	1,824.0	\$(9.9)	(95.0)
Nuclear Materials and Waste Safety	131.0	515.0	134.0	515.0	165.7	564.0	\$34.7	49.0
Corporate Support	292.9	609.0	299.6	609.0	292.6	611.0	(0.4)	2.0
Integrated University Program	15.0	0.0	15.0	0.0	0.0	0.0	(15.0)	0.0
Subtotal	\$898.4	3,043.0	\$918.4	3,043.0	\$907.8	2,999.0	\$9.4	(44.0)
Office of the Inspector General	12.6	63.0	12.6	63.0	13.3	63.0	0.7	0.0
Total*	\$911.0	3,106.0	\$931.0	3,106.0	\$921.1	3,062.0	\$10.1	(44.0)

*\$M includes FTE costs as well as contract support and travel. Numbers may not add due to rounding.

- The FY 2020 budget request is \$921.1 million, including 3,062 FTE. This represents an increase of \$10.1 million, including a decrease of 44 FTE, when compared with the FY 2019 Enacted Budget.
- The FY 2020 budget request includes \$15.5 million in the Nuclear Reactor Safety Program for the continued development of a regulatory infrastructure for advanced nuclear reactor technologies.
- The FY 2020 budget request includes \$38.5 million, including 77 FTE, for activities in the Nuclear Materials and Waste Safety Program for the proposed deep geological repository for the disposal of spent nuclear fuel and high-level radioactive waste at Yucca Mountain, Nevada.
- The FY 2020 budget request does not include resources for the Integrated University Program.

Budget Request Trend

U.S. Nuclear Regulatory Commission FY 2014 - FY 2020 Budget



- Since FY 2014, the agency budget has decreased by 15 percent, excluding resources for Yucca Mountain and the Integrated University Program. The agency has also reduced FTE by 21 percent during this period.

Net Budget Authority

	FY 2019 Enacted	FY 2020 Request	Delta FY 20 – FY 19
	\$M*	\$M*	\$M*
Budget Authority	911.0	921.1	10.1
Offsetting Fees	780.8	759.6	(21.2)
Net Budget Authority*	\$130.1	\$161.5	\$31.4

*\$M includes FTE costs as well as contract support and travel. Numbers may not add due to rounding.

- NRC recovers approximately 90 percent of its budget from licensee fees (less other specific activities which are nonfee-recoverable).
- NRC will recover \$759.6 million of its FY 2020 budget request from fees assessed to NRC licensees. This will result in a net budget authority of \$161.5 million, an increase of \$31.4 million when compared with the FY 2019 Enacted Budget.
- The increase in net budget authority is primarily the result of \$38.5 million from the Nuclear Waste Fund for licensing activities related to Yucca Mountain, which is nonfee-recoverable.

Composition of Net Budget Authority

	FY 2019 Enacted	FY 2020 Request	Delta FY 20 – FY 19
	\$M	\$M	\$M
Waste Incidental to Reprocessing	1.3	1.3	0.0
Generic Homeland Security	14.6	14.2	(0.4)
Advanced Reactors Regulatory Readiness	10.3	15.5	5.2
Nuclear Waste Fund	0.0	38.5	38.5
Defense Nuclear Facilities Safety Board	1.1	1.2	0.1
International Activities	16.1	6.5	(9.6)
General Fund (10 percent fee exclusion)	86.8	84.4	(2.4)
Net Budget Authority*	\$130.1	\$161.5	\$31.4

*\$M includes FTE costs as well as contract support and travel. Numbers may not add due to rounding.

- NRC’s net budget authority is comprised of specific activities that are nonfee-recoverable in addition to 10 percent of the FY 2020 base budget request.
- The FY 2020 budget request includes \$38.5 million for activities for the proposed Yucca Mountain deep geological repository for the disposal of spent nuclear fuel and other high-level radioactive waste. This work is nonfee-recoverable and requires resources from the Nuclear Waste Fund.
- The FY 2020 budget request for international activities includes a total of \$14.5 million, \$6.5 million of which the NRC proposes to be considered nonfee-recoverable. The NRC proposes the remaining \$8 million to be considered fee-recoverable as NRC’s international activities provide benefits to many of the U.S. entities that pay NRC fees.

Nuclear Reactor Safety Highlights

Business Line	FY 2019 Enacted		FY 2020 Request		Delta FY 20 – FY 19	
	\$M*	FTE	\$M*	FTE	\$M*	FTE
Operating Reactors	365.2	1,533.0	361.6	1,485.0	(3.6)	(48.0)
New Reactors	94.1	386.0	87.8	339.0	(6.3)	(47.0)
Nuclear Reactor Safety*	\$459.4	1,919.0	\$449.5	1,824.0	\$(9.9)	(95.0)

*\$M includes FTE costs as well as contract support and travel. Numbers may not add due to rounding.

- Resources for the Operating Reactors Business Line decrease largely due to the closure of Oyster Creek Nuclear Generating Station and the announced closure of the Pilgrim Nuclear Power Station and Three Mile Island Nuclear Station, Unit 1, as well as additional decreases due to completion of work and declining workload, efficiencies in processing licensing actions, and merger of activities within the Office of Nuclear Reactor Regulation and the Office of New Reactors.
- Resources for the New Reactors Business Line decrease primarily due to the withdrawal of the Blue Castle larger-light water reactor application, a delay in the submittal of the Advanced Passive 1000 design certification (DC) renewal application, the near completion of the NuScale DC review, and the completion of the Clinch River early site permit technical review. The decreases in the New Reactors Business Line are partially offset by an increase in workload in the area of advanced nuclear reactor technologies in order to accelerate readiness activities consistent with stakeholder plans

Nuclear Materials and Waste Safety Highlights

Business Line	FY 2019 Enacted		FY 2020 Request		Delta FY 20 – FY 19	
	\$M*	FTE	\$M*	FTE	\$M*	FTE
Spent Fuel Storage and Transportation	22.5	100.0	24.2	101.0	1.7	1.0
Nuclear Materials Users	60.6	215.0	59.1	205.0	(1.4)	(10.0)
Decommissioning and Low-Level Waste	24.8	104.0	22.9	93.0	(1.9)	(11.0)
High-Level Waste	0.0	0.0	38.5	77.0	38.5	77.0
Fuel Facilities	23.2	96.0	21.0	88.0	(2.2)	(8.0)
Nuclear Materials and Waste Safety*	\$131.0	515.0	\$165.7	564.0	\$34.7	49.0

*\$M includes FTE costs as well as contract support and travel. Numbers may not add due to rounding.

Resources for the Materials and Waste Safety Program increase to support activities for the proposed Yucca Mountain deep geological repository for the disposal of spent nuclear fuel and other high-level radioactive waste. These increases are partially offset by changes in the other business lines.

- Resources for the Spent Fuel Storage and Transportation Business Line increase to support additional workload related license renewal applications and the inspections of independent spent fuel storage installation pad construction.
- Resources for the Nuclear Materials Users Business Line decrease in alignment with projected workload.
- Resources for the Decommissioning and Low-Level Waste Business Line decrease as a result of the reduction of operating uranium recovery facilities and the completion of specific support to the State of Wyoming for the Agreement State transition. The decreases are partially offset by reactors expected to transition to the power reactor decommissioning program.
- Resources for the Fuel Facilities Business Line decrease due to the anticipated decline in work related to license renewal applications, license amendments, and efficiencies implemented within the Fuel Facilities Inspection Program.

Corporate Support Highlights

Product Line	FY 2019 Enacted		FY 2020 Request		Delta FY 20 – FY 19	
	\$M*	FTE	\$M*	FTE	\$M*	FTE
Acquisitions	15.6	54.0	15.2	51.0	(0.5)	(3.0)
Administrative Services	85.5	76.0	89.3	78.0	3.8	2.0
Financial Management	32.2	99.0	29.7	96.0	(2.5)	(3.0)
Human Resource Management	17.7	44.0	22.9	44.0	5.2	0.0
IT/IM Resources	104.9	174.0	97.9	179.0	(7.1)	5.0
Outreach	3.3	13.0	3.2	13.0	(0.1)	0.0
Policy Support	29.3	136.0	30.3	137.0	0.9	1.0
Training	4.3	13.0	4.2	13.0	(0.2)	0.0
Corporate Support*	\$292.9	609.0	\$292.6	611.0	\$(0.4)	2.0

*\$M includes FTE costs as well as contract support and travel. Numbers may not add due to rounding.

- Resources requested for Corporate Support constitute 32 percent of the agency's total budget.
- The Corporate Support budget reflects a small reduction in FY 2020.
- Decreases within the Corporate Support are primarily the result of modernizing agency IT by moving to a more secure and cost-effective infrastructure. This decrease is offset by an increase for rent, following the period of reduced rent from the limited-time 7-month rent abatement for the Two White Flint North building in FY 2019, renovation of the One White Flint North building to configure space to reduce future "footprint," permanent-change-of-station costs, and a Commission at its full complement of five members.

Summary

- The FY 2020 budget provides the resources necessary to accomplish mission-critical activities related to the Nuclear Reactor Safety Program and Nuclear Materials and Waste Safety Program.
- The FY 2020 budget request reflects the agency's continued commitment to improved effectiveness and efficiency.