



2024-2025 INFORMATION DIGEST

NRC



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ABSTRACT

The U.S. Nuclear Regulatory Commission (NRC) has published the Information Digest annually since 1989. Beginning with Volume 34, the Digest began a 2-year publication cycle. The Digest provides information about agency activities and licensees from the various industries it regulates. It describes the agency's responsibilities and activities and provides general information on nuclear-related topics. It includes NRC and industry data in an easy-to-read format.

The 2024–2025 Information Digest includes NRC and non-NRC data (e.g., International Atomic Energy Agency (IAEA), U.S. Department of Energy (DOE) and Energy Information Administration), which were updated as of September 30, 2024, including data in maps and graphics. The Digest includes QR codes to direct users to the most current information. The next Information Digest containing updated data will be published in February 2027.

The NRC reviews the information from industry and international sources but does not independently verify it. The NRC is the source of all photographs, graphics, and tables unless otherwise noted. All information is final unless otherwise noted. Any corrections and updates will appear in the digital version on the NRC website at <https://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1350/>.

The NRC welcomes comments or suggestions on the Information Digest. To submit comments, write to the Office of Public Affairs at U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or at opa.resource@nrc.gov.



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NRC AT A GLANCE

Mission Statement

The NRC protects public health and safety and advances the nation's common defense and security by enabling the safe and secure use and deployment of civilian nuclear energy technologies and radioactive materials through efficient and reliable licensing, oversight, and regulation for the benefit of society and the environment.

Commission

Chairman David A. Wright	Term ends June 30, 2025
Commissioner Annie Caputo	Term ends June 30, 2026
Commissioner Christopher T. Hanson	Term ends June 30, 2029
Commissioner Bradley R. Crowell	Term ends June 30, 2027
Commissioner Matthew J. Marzano	Term ends June 30, 2028

Locations

Headquarters:

U.S. Nuclear Regulatory Commission Rockville, Maryland	301-415-7000 800-368-5642
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Regional Offices:

Region I—King of Prussia, Pennsylvania	610-337-5000 800-432-1156
Region II—Atlanta, Georgia	404-997-4000 800-577-8510
Region III—Naperville, Illinois	630-829-9500 800-522-3025
Region IV—Arlington, Texas	817-200-8100 800-952-9677

Headquarters Operations Center

Rockville, Maryland	301-816-5100
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The NRC staffs a 24-hour Operations Center that coordinates incident response with Federal, State, Tribal, and local agencies.

Training and Professional Development

Technical Training Center Chattanooga, Tennessee	423-855-6500
Professional Development Center Rockville, Maryland	301-287-0556

Resident Sites

At least two NRC resident inspectors, who report to the appropriate regional office, are assigned at each operating nuclear power plant site.

NRC Fiscal Year 2024 Budget

- *Total budget authority: \$1.068 billion (\$1.006 billion enacted budget and \$62 million authorized carryover)*
- *Total authorized staff: 2,929 full-time equivalents*
- *Estimated fees to be recovered: \$807 million*
- *Separate appropriation for the Office of the Inspector General: \$15.8 million*
- *Total research budget: \$96 million*
 - *Reactor Program: \$60 million*
 - *New/Advanced Reactor Licensing: \$32 million*
 - *Materials and Waste: \$4 million*

What Does the NRC Do?

- *Regulation and guidance—rulemaking*
- *Policymaking*
- *Licensing, decommissioning, and certification*
- *Research*
- *Oversight and enforcement*
- *Incident response*
- *Emergency preparedness and response*

Nuclear Governing Legislation

The NRC was established by the Energy Reorganization Act of 1974. The most significant laws that govern the agency's regulatory processes are available on the NRC website at <https://www.nrc.gov/about-nrc/governing-laws.html>. The NRC's regulations are found in Title 10, "Energy," of the *Code of Federal Regulations* (10 CFR). The text of many laws can be found in NUREG-0980, "Nuclear Regulatory Legislation."

NRC BY THE NUMBERS

U.S. Electricity Generated by Commercial Nuclear Power

NRC-licensed nuclear reactors generate about 18.6 percent of U.S. gross electricity, or about 779 billion kilowatt-hours.

Nuclear Power Reactors

- 94 commercial nuclear power reactors operating in 28 States at 54 sites
 - Palisades (Holtec Decommissioning International) has requested approval to restart in 2025.
 - Three Mile Island Station, Unit 1 (Constellation Energy Generation) has requested approval to restart in 2028, renamed as the Crane Clean Energy Center.
 - Duane Arnold Energy Center has expressed interest in restarting.
- 63 pressurized-water reactors and 31 boiling-water reactors
- Three reactor fuel vendors
- 21 parent operating companies
- About 80 different designs
- About 5,960 total inspection and assessment hours at each operating reactor in FY 2024

Reactor License Renewal

Commercial power reactor operating licenses are valid for 40 years, and a renewed license of up to 20 years may be requested.

- 96 reactors have been issued initial renewed licenses, including 11 reactors now permanently shut down.
- Eight reactors operate under their original licenses.

Subsequent License Renewal

This type of licensing allows a plant to operate for an additional 20-year term beyond its initial license renewal, permitting it to operate from 60 to 80 years.

- Seven reactors at four sites have been issued subsequent renewed licenses.
- 16 reactors at 8 sites have subsequent license renewal applications under review.
- 19 sites with a total of 26 reactors have submitted letters of intent to request subsequent license renewals. Reactors at four sites have subsequent license renewal applications under review.

Early Site Permits for New Reactors

- Six early site permits have been issued:
 - System Energy Resources, Inc., for the Grand Gulf site in Mississippi
 - Exelon Generation Co., LLC, for the Clinton site in Illinois
 - Dominion Nuclear North Anna, LLC, for the North Anna site in Virginia
 - Southern Nuclear Operating Co., for the Vogtle site in Georgia
 - PSEG Power, LLC, and PSEG Nuclear, LLC, for a site in New Jersey
 - Tennessee Valley Authority for two or more small modular reactors at the Clinch River Nuclear Site in Tennessee.

Combined License—Construction and Operating License for New Reactors

- Since June 2007, the NRC has received and docketed 18 combined license (COL) applications for 28 new, large light-water reactors.
- The NRC suspended or canceled 10 COL application reviews at the request of the applicants for Bell Bend, Pennsylvania; Bellefonte, Alabama; Callaway, Missouri; Calvert Cliffs, Maryland; Comanche Peak, Texas; Grand Gulf, Mississippi; Nine Mile Point, New York; River Bend, Louisiana; Shearon Harris, North Carolina; and Victoria County Station, Texas.
- The NRC has issued COLs for 14 reactors at Fermi, Michigan; Levy County, Florida; North Anna, Virginia; South Texas Project, Texas; Turkey Point, Florida; V.C. Summer, South Carolina; Vogtle, Georgia; and W.S. Lee, South Carolina.
- At the licensee's request, six COLs have been terminated at three sites: Levy County Units 1 and 2 (on April 26, 2018); South Texas Project Units 3 and 4 (on July 12, 2018); and V.C. Summer Units 2 and 3 (on March 6, 2019).

Construction Permit

- One commercial nuclear power plant construction permit is under review for TerraPower Kemmerer Unit 1.

Reactor Design Certification

- Seven reactor design certifications (DCs) and one amendment have been issued. One standard design approval application is currently under NRC staff review.
 - General Electric-Hitachi Nuclear Energy's Advanced Boiling-Water Reactor (ABWR)
 - Westinghouse Electric Company's System 80+
 - Westinghouse Electric Company's Advanced Passive 600 (AP600)
 - Westinghouse Electric Company's Advanced Passive 1000 (AP1000)
 - South Texas Project Nuclear Operating Company's ABWR amendment
 - General Electric-Hitachi Nuclear Energy's Economic Simplified Boiling-Water Reactor (ESBWR)
 - Korea Electric Power Corporation's Advanced Power Reactor 1400 (APR1400)
 - NuScale US600 (DC) (12 module small modular reactors)
- Two DC applications for the U.S. versions of the Evolutionary Pressurized-Water Reactor (U.S. EPR) and Advanced Pressurized-Water Reactor (US-APWR) are suspended at the request of the applicants.

Nonpower Production and Utilization Facilities

- Research and Test Reactors (RTRs)
 - 29 licensed research and test (nonpower) reactors operate in 21 States
- Medical Radioisotope Irradiation and Production Facilities
 - One construction permit has been issued to SHINE Technology, LLC
 - One operating license application is under review (SHINE)
- Advanced Research and Test Reactors
Four construction permits have been issued:
 - Three for Kairos test reactors and one for the Abilene Christian University Molten Salt Research Reactor.
 - One construction permit application has been issued, for Kairos Hermes 2 advanced reactor, Units 1 and 2.

NUCLEAR MATERIALS

Materials Licensing

- *The NRC and the Agreement States have more than 17,000 licensees for medical, academic, industrial, and general users of nuclear materials.*
 - *The NRC regulates more than 2,000 licenses.*
 - *The 39 Agreement States regulate more than 15,000 licenses.*
- *Connecticut, Indiana, and West Virginia submitted letters of intent to become Agreement States and are on track to become Agreement States by 2025, 2026, and 2027, respectively.*
- *The agency issues approximately 1,400 new licenses, renewals, or amendments for existing materials licenses annually. The NRC conducts 600 to 800 safety and security inspections of materials licensees each year.*

Nuclear Fuel Cycle

- *Three uranium recovery sites are licensed by the NRC.*
- *The NRC licenses nine active fuel cycle facilities:*
 - *One uranium hexafluoride conversion facility,*
 - *Six uranium fuel fabrication facilities, and*
 - *Two gas centrifuge uranium enrichment facilities (one operating and one under construction).*
- *One depleted uranium deconversion facility (construction decision pending).*
- *The NRC issues about 40 fuel cycle facility licensing actions per year, including amendments; renewals; new licenses; and safety, environmental, and safeguards reviews.*

National Source Tracking System

The National Source Tracking System, also known as NSTS, tracks more than 80,000 sources held by about 1,100 NRC and Agreement State licensees. Of those sources, about 53 percent are Category 1 sources and 47 percent are Category 2. The majority are cobalt-60, the most widely used isotope in large sources.

Domestic Safeguards

The NRC and the DOE use the Nuclear Materials Management and Safeguards System (NMMSS) to track transfers and inventories of source and special nuclear material. Licensees must report their inventories, transfers, purchases, and sales (including import and export of these materials) to the NMMSS. More than 300 licensees report to the NMMSS database, verifying their inventories at least annually by reconciling their transactions against the previous year's inventory. The database supports U.S. participation in the Treaty on the Non-Proliferation of Nuclear Weapons.

RADIOACTIVE WASTE

Low-Level Radioactive Waste

- *10 regional compacts*
- *Four state-licensed disposal facilities*

HIGH-LEVEL RADIOACTIVE WASTE MANAGEMENT

Spent Nuclear Fuel Storage

- The NRC has issued 85 licenses for independent spent fuel storage installations in 37 States:
 - 17 site-specific licenses (two of these facilities are licensed but were never built or operated), and
 - 68 general licenses.
- Approximately 10–20 new, renewed, or amended certificates for spent fuel storage systems are reviewed annually.

Transportation—Principal Licensing and Inspection Activities

- Approximately 1,000 safety inspections of fuel, reactor, and materials licensees are conducted annually.
- Annually, 40–50 new, renewed, or amended container-design applications are received for the transport of nuclear materials.
- Approximately 150 license applications for the import and export of nuclear materials from the United States are reviewed annually.
- More than 3 million packages of radioactive materials are shipped each year in the United States by road, rail, air, or water. This represents less than 1 percent of the nation's yearly hazardous material shipments.

Decommissioning

- Approximately 100 materials licenses are terminated each year. The NRC's materials decommissioning program focuses on the termination of licenses that are not routine.
- 23 nuclear power reactors are in various stages of decommissioning (DECON or SAFSTOR).
- Three research and test reactors are permanently shut down and in various stages of decommissioning.
- Eight complex materials sites are in various stages of decommissioning.
- One fuel cycle facility is in partial decommissioning, and one is undergoing decommissioning.
- Five NRC-licensed uranium recovery facilities are in various stages of decommissioning.

SECURITY AND EMERGENCY PREPAREDNESS

- Every 2 years, each operating nuclear power plant performs a full-scale emergency preparedness exercise inspected by the NRC and evaluated by the Federal Emergency Management Agency.
- Plants conduct additional emergency drills between full-scale exercises to maintain their preparedness and proficiency in responding to emergencies.
- The NRC spends about 15,000 hours a year scrutinizing security at nuclear power plants, including 8,000 hours of force-on-force inspections. These inspections include simulated terrorist attacks using a mock adversary force, and are conducted at each site every 3 years.
- The NRC has implemented a comprehensive cybersecurity oversight program for power reactors, which includes routine inspections and requires licensees to isolate critical systems from the Internet.

ACCOMPLISHMENTS AND HIGHLIGHTS FY 2024

Power Reactors

- Transitioned Vogtle Units 3 and 4 from construction to the operating reactor oversight process.
- Established the Palisades Restart Panel to oversee the first requested restart of a shutdown reactor. Issued IMC 2562, “Light-Water Reactor Inspection Program for Restart of Reactor Facilities Following Permanent Cessation of Options,” and held 11 public meetings on the proposed restart, including 4 in-person in Region III and within the vicinity of the plant.
- Issued a final rule that certifies NuScale’s small modular reactor design for use in the United States.
- Issued two initial renewed licenses (Comanche Peak Nuclear Power Plant Units 1 and 2) and two subsequent renewed licenses (North Anna Power Station Units 1 and 2); completed the acceptance review of one license renewal application (Clinton Power Station) and one subsequent license renewal application (Dresden Nuclear Power Station); and issued the draft supplemental environmental impact statement for one license renewal application (Perry Nuclear Power Plant), final supplemental environmental impact statement for one license renewal application (Comanche Peak Nuclear Power Plant Units 1 and 2), and final environmental impact statement for one subsequent license renewal application (North Anna Power Station Units 1 and 2).
- Completed more than 924 licensing actions and other licensing tasks that support operating, new, and advanced reactors, including numerous actions related to the adoption of risk-informed initiatives, topical reports, and the safe transition of operating plants to decommissioning.
- Continued to add functionality to MAP-X, a modern web-based portal, which allows licensee submission of proposed alternatives to codes and standards in accordance with 10 CFR 50.55a(z), the submission of event notifications under 10 CFR 50.72, licensee event reports under 10 CFR 50.73, and general submissions by licensees.
- Completed several key activities in preparation for anticipated power uprate reviews, including engaging in pre-application meetings, conducting public meetings with industry, and issuing preliminary recommendations for improving the quality of power uprate applications and for achieving efficiencies in the review process.
- Completed several key activities related to accident-tolerant fuel, including issuance of RG 1.183, Revision 1, “Alternative Radiological Source Terms for Evaluating Design Basis Accidents at Nuclear Power Reactors,” which will support the licensing of advanced light water reactors and other industry initiatives, such as high-burnup and increased-enrichment accident-tolerant fuel. The NRC also hosted several widely attended public workshops and conferences on licensing higher burnup and increased enrichment fuel.
- Issued digital instrumentation and controls licensing guidance to align with Commission policy on common-cause failures and controls.
- Continued to implement Commission direction to assess how the NRC conducts subsequent license renewal environmental reviews in accordance with the National Environmental Policy Act. Published the final rule, “Renewing Nuclear Power Plant Operating Licenses-Environmental Review,” which redefines the number and scope of the environmental issues that must be addressed during the review of each application for license renewal (10 CFR Part 51).
- Implemented several changes to enhance the reactor oversight process approved by the Commission, including finalizing a change in the periodicity of engineering inspections, a proposed change to incentivize timely closure of White findings and performance indicators, and a recommendation to maintain biennial frequency for problem identification and resolution inspections.
- Began review of construction permit application for TerraPower Kemmerer Unit 1 commercial nuclear power plant.
- Approved multiple applications for the adoption of advanced risk management programs, including 10 related to risk-informed completion times (TSTF-505) and 12 related to risk-informed categorization and treatment of structures, systems, and components (10 CFR 50.69).

- Approved two licensing amendment applications using the Risk Informed Process for Evaluations for Shearon Harris and Palo Verde.
- Approved the use of ASME Code Case N-752, “Risk-Informed Categorization and Treatment for Repair/Replacement Activities in Class 2 and 3 Systems Section XI, Division 1,” that allows for the risk-informed categorization of certain Class 2 and 3 components for the Oconee Nuclear Power Plant, and the NextEra and Entergy fleets.
- Developed a balanced, performance-based approach for the oversight of Probabilistic Risk Assessment Configuration Control and implemented the process at five nuclear power plants.
- Published for comment a proposed rule for the 10 CFR Part 53, “Risk Informed, Technology-Inclusive Regulatory Framework for Commercial Nuclear Plants.” This rulemaking will create a regulatory framework for commercial nuclear plants, including advanced reactors.
- Completed 10 force-on-force inspections, testing licensees’ abilities to protect against the design-basis threat (DBT).
- Issued Enforcement Guidance Memorandum 20-001, Rev. 3, “Enforcement Discretion Not to Cite Certain Violations of 10 CFR 73.56 Requirements,” and Enforcement Guidance Memorandum 23-001, “Interim Guidance for Dispositioning Violations Associated with the Enhanced Weapons, Firearms Background Checks, and Security Event Notification Rule.”
- Reviewed and accepted revisions to two industry cybersecurity guidance documents related to the identification and protection of critical digital assets associated with safety, security, and emergency preparedness functions.
- Conducted 190 baseline security inspections at operating power reactors and Category I fuel cycle facilities.
- Published the final rule on “Emergency Preparedness for Small Modular Reactors and Other New Technologies,” which amends the NRC regulations to include new alternative emergency preparedness requirements for small modular reactors and other new technologies (10 CFR Parts 50, 52, and 72).
- Published the proposed rule on “Categorical Exclusions From Environmental Review,” which would amend the NRC regulations to eliminate the preparation of environmental assessments for licensing, regulatory, and administrative actions that do not have significant effect on the human environment (10 CFR Part 51).
- Published the proposed rule on “Alternative Physical Security Requirements for Advanced Reactors,” which would amend the regulations to provide certain alternative, risk-informed, performance-based physical security requirements for advanced reactors that would result in greater regulatory stability, predictability, and clarity in the licensing process and reduce the need for exemptions (10 CFR Parts 50, 52, and 73).

Nonpower Production or Utilization Facilities (NPUFs)

- Amended the regulations for licensing “non-power production or utilization facilities,” also known as NPUFs, to make license renewal criteria more consistent with the limited risk such facilities pose to public safety.
- Completed the NRC review of the propulsion plant for naval nuclear propulsion program Columbia Class, the next generation ballistic missile submarine.
- Issued an amendment to GE-Hitachi Nuclear Test Reactor license to remove operating authority and authorize possession only of the reactor and fuel.
- Issued Information Notice 23-04, “Recent Human Performance Issues at Non-power Production and Utilization Facilities RTR IN for Operational and Safety Culture issues,” in response to the NRC Office of the Inspector General inquiry regarding research and test reactor oversight.
- Authorized the restart of the National Institute of Standards and Technology test reactor.
- Issued a revision to Inspection Manual Chapter 2550, “Non-Power Production and Utilization Facilities Licensed Under 10 CFR Part 50: Construction Inspection Program.”

- Issued Safety Evaluation Report Related to the SHINE Medical Technologies, LLC, Operating License Application for a medical radioisotope production facility.
- Issued a construction permit for the Abilene Christian University Molten Salt Research Reactor, the first construction permit issued to a research and test reactor in over 40 years.
- Issued construction permits ahead of schedule for the Kairos Hermes 1 and Kairos Hermes 2, Units 1 and 2, advanced test reactors.

Nuclear Materials and Waste

- Completed approximately 1,400 radioactive materials licensing actions.
- Completed nearly 800 safety and security inspections of materials licensees.
- Completed 12 Integrated Materials Performance Evaluation Program reviews of Agreement State licensing and oversight programs.
- Issued the license for ABK Biomedical, Inc's Eye90 microspheres, ensuring patient access to this new therapy.
- Issued the Crystal River reactor vessel transport authorization.
- Issued a partial license termination for the decommissioned Zion nuclear power plant in Illinois.
- Issued the safety evaluation report and environmental assessment for the long-term surveillance plan and the long-term care fee for the transfer of the Western Nuclear Incorporated-Split Rock site to the U.S. Department of Energy, the first of its kind in more than 10 years.
- Issued 25 amendments and two renewals of certificates of compliance for spent fuel storage casks.
- Issued approximately 45 actions related to the design of transportation packages including three certificates of compliance for transporting accident tolerant fuel.
- Issued approximately nine exemptions to support loading campaigns for spent fuel at nuclear facilities.
- Published SECY-24-0062, "Risk-Informed Methodology for a Future Transportable Triso-Based Micro-Reactor Package Application."
- Issued Inspection Procedure (IP) 81335, "Physical Protection of Shipments of Special Nuclear Material of Moderate Strategic Significance;" IP 81421, "Fixed Site Physical Protection of Special Nuclear Material of Moderate Strategic Significance;" and Inspection Manual Chapter 2683, "Material Control and Accounting Inspection of Fuel Cycle Facilities."
- Completed HALEU-related fuel cycle amendments for Global Nuclear Fuel – Americas, Nuclear Fuel Services, and Louisiana Energy Services facilities.
- Published the proposed rule "Advance Tribal Notification of Category 1 Quantities of Radioactive Material Shipments" that would amend NRC regulations to require NRC and Agreement State licensees to provide advance notification to participating federally recognized Tribal governments regarding shipments of Category 1 quantities of radioactive material that pass within or across their reservation boundaries (10 CFR 37).

Agencywide

- Continued to oversee the safe and secure operation of nuclear power plants, nonpower production and utilization facilities, and fuel cycle facilities, as well as the possession and use of radioactive materials.
- Recruited and onboarded the third cohort of the Nuclear Regulator Apprenticeship Network training program, composed of 23 recent college graduates in STEM disciplines, which supports entry-level hiring. Placed the second cohort of 25 participants into technical positions throughout the agency after program graduation.
- The Technical Training Center held 164 instructor-led virtual and in-person technical courses for 1,738 students.
- The Professional Development Center delivered 260 (virtual, hybrid or in-person) professional and leadership courses to 4,992 students.
- Continued implementing the agency's culture improvement strategy with a focus on coaching and empowerment, recognizing and sharing different viewpoints, taking innovative approaches and discussing risk, and showing mutual support and shared responsibility.
- Continued implementing innovative solutions via EMBARK Venture Studio to enable and promote a risk-informed mindset within the nuclear reactor safety program and other business lines.
- Pursued substantial rulemaking activities on topics including licensing of advanced reactors, alignment of licensing processes and lessons learned from new reactor licensing, categorical exclusions from environmental reviews, American Society of Mechanical Engineers codes and code cases, and petitions for rulemaking submitted by members of the public.
- Issued 60 escalated enforcement actions, including 11 notices of violation that involved civil penalties totaling \$297,750; four enforcement orders without a proposed civil penalty; and 45 escalated notices of violation without a proposed civil penalty (calendar year 2023).
- Processed 269 allegations, 182 for reactors licensees and 87 for materials licensees (calendar year 2023).
- Published research results on a variety of topics related to operating facility safety, including analysis of high burnup fuel performance, probabilistic flood hazard modeling, risk-informed and performance-based seismic design, risk evaluations for fire events, and design-basis and severe accident analysis for advanced reactor designs.
- Continued collaboration with DOE under the Nuclear Energy Innovation Capabilities Act, including the signing of a technical addendum on technologies for advanced fuels and fuel cycle applications. This collaboration supports technical readiness and facilitates sharing of technical expertise and knowledge on advanced nuclear reactor technologies and nuclear energy innovation related to research, development, and demonstration.
- Successfully completed two criminal cases leading to uncontested convictions for violations of the Atomic Energy Act impacting quality licensing and NRC's oversight of nuclear facilities and radioactive materials.
- Coordinated with NRC and external law enforcement counterparts to advance its interest to obtain statutory law enforcement authority.
- The NRC awarded a total of 44 grant awards totaling nearly \$18.9 million under the University Nuclear Leadership Program. >>See **Appendix Q for States with NRC grant award recipients in FY 2023.**<<

International Activities

- Continued international technical leadership through research engagement and technical cooperation, including participation in international experimental safety programs, leadership of technical computer code user groups, leadership of and engagement in NEA-sponsored multinational research programs, and bilateral cooperation with countries worldwide on research activities of mutual interest.
- Represented the NRC as part of U.S. delegations, negotiating agreements for civil nuclear cooperation (123 agreements) and participating in activities such as meetings of the Nuclear Suppliers Group, IAEA Board of Governors, and Group of Seven Nuclear Safety and Security Group.
- Issued 47 licenses to export nuclear equipment and materials.
- Supported the development of enhanced regulatory infrastructure for radiological sources, research reactors, and nuclear power plant safety and security around the world through the provision of technical expertise and assistance funding, reinforcing U.S. Government national security and foreign policy objectives.
- Participated in U.S. Government delegations to international meetings addressing the implementation of treaties and conventions, including the Review Conference of the Parties to the Amendment to the Physical Protection of Nuclear Material (CPPNM), meetings of the Preparatory Committee for the Conference of the Parties to the Amended CPPNM, and the Technical Meeting of Representatives to the CPPNM and Its Amendment.
- Participated in numerous virtual, hybrid, and in-person meetings with international regulatory counterparts.
- Continued work under a first-of-a-kind memorandum of cooperation with the Canadian Nuclear Safety Commission and the United Kingdom's Office for Nuclear Regulation to increase regulatory effectiveness through collaboration on the technical reviews of advanced reactors and small modular reactors.
- Coordinated the NRC's response, in support of broader U.S. Government efforts, to Russia's full-scale invasion of Ukraine by leveraging relationships across the U.S. Government and coordinating with international counterparts to facilitate information sharing and address urgent technical nuclear safety and security questions in support of Ukrainian regulatory counterparts.
- Signed multiple bilateral agreements for cooperation and assistance with international counterparts to facilitate the agency's engagement to support the NRC's International Strategy goals.
- Provided 70 international trainee opportunities for engineers, scientists, and regulatory personnel from other countries to attend NRC training courses at the Technical Training Center and Professional Development Center and invited 17 individuals from other nuclear safety regulators for on-the-job assignments at the NRC through the International Assignee Program.
- Participated in an IAEA technical meeting to share insights and experience related to the formulation of guidance to Regulatory Bodies of Member States on the development of regulatory enforcement policy options for nuclear facilities and activities.

Administration

- Processed 461 Freedom of Information Act (FOIA) requests and six appeals in FY 2024, with 325 FOIA requests and four FOIA appeals pending by the end of FY 2024.
- Led collaborative efforts in the creation, testing and implementation of ARIES (a new digital case management platform) designed to provide integrative capabilities to NRC offices involved in the allegations, investigations, and enforcement process.
- Conducted outreach to audiences interested in NRC activities and ensured that limited English proficient individuals had meaningful access to information about NRC-conducted programs and activities.
- Awarded and administered the agency's acquisition portfolio, with obligations estimated at approximately \$300.2 million (99.9 percent of committed agency funds) in FY 2024.
- Published 48 NUREGs in FY 2024.

Public Meetings and Involvement

- Conducted approximately 607 open public meetings addressing a full range of NRC issues to support transparency with agency stakeholders. Conducted 113 closed meetings to discuss information not publicly available.
- Conducted 10 hybrid full committee meetings of the Advisory Committee on Reactor Safeguards and 27 subcommittee meetings in FY 2024.
- Held two virtual public meetings of the Advisory Committee on the Medical Uses of Isotopes in FY 2024.
- Hosted the hybrid Regulatory Information Conference, bringing together thousands of participants from around the world and featuring 30 technical sessions, plenaries by agency senior leaders, as well as widely-attended special sessions.

News and Information

- Maintained the NRC website and free listserv subscription services at <https://www.nrc.gov/public-involve/listserver.html#lyris> to post and distribute NRC news releases.
- Shared information with the public using social media through platforms that address the major categories of social communication.
- Supported and executed over 48 live stream broadcast of public meetings.
- In FY 2024, gained approximately 600 followers on X and published approximately 500 posts; gained 2,200+ page followers and published approximately 290 posts on Facebook; gained 4,000+ followers and published approximately 290 posts on LinkedIn; gained 400+ followers and published approximately 300 posts on Instagram; and launched Threads in November 2024.
- Issued 91 news releases in FY 2024.

REPORT A CONCERN TO THE NRC

Emergency

Report an emergency involving a nuclear facility or radioactive materials, including the following:

- Any accident involving a nuclear reactor, nuclear fuel facility, or radioactive materials.
- Lost or damaged radioactive materials.
- Any threat, theft, smuggling, vandalism, or terrorist activity involving a nuclear facility or radioactive materials.

The NRC accepts collect calls. The agency records all calls to this number.

Call the NRC's 24-Hour Headquarters Operations Center: 301-816-5100

Non-Emergency

This includes any concern involving a nuclear reactor, nuclear fuel facility, or radioactive materials. You may send an email to allegations@nrc.gov. However, because email transmission may not be completely secure, if you are concerned about protecting your identity, it is preferable that you contact us by telephone or in person. You may contact any NRC employee (including a resident inspector) or call:

The NRC's Toll-Free Safety Hotline: 800-695-7403

Calls to this number are not recorded between the hours of 7 a.m. and 5 p.m. Eastern Time. However, calls received outside these hours are answered by the Headquarters Operations Center on a recorded line. Some materials and activities are regulated by Agreement States, and concerns should be directed to the appropriate State radiation control program, a list of which can be found on the NRC website at:

<https://scp.nrc.gov/allegations.html>.

THE NRC'S OFFICE OF THE INSPECTOR GENERAL

The Office of the Inspector General (OIG) for the U.S. Nuclear Regulatory Commission and the Defense Nuclear Facilities Safety Board established the hotline program to provide agency employees, other government employees, licensee/utility employees, contractors, and the public a way to report questionable activity to the OIG concerning potential fraud, waste, abuse, and employee or management misconduct. You may also report mismanagement of agency programs or danger to public health and safety through the hotline program. You may contact the OIG Hotline program by telephone, through the online form, or by mail.

You may make an allegation anonymously or request that your identity be kept confidential. If you choose to identify yourself, consistent with the terms of the Inspector General Act of 1978, as amended, we will not reveal your identity unless disclosure is unavoidable.

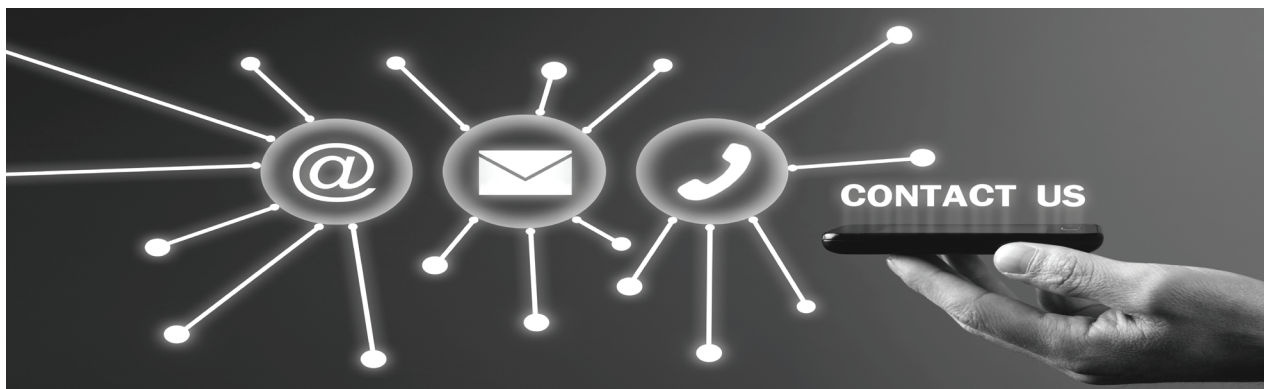
Please be aware, while you may submit complaints anonymously, providing your name, address, and phone number allows us to follow up with you and address your matter more expeditiously. Unless the reporting is knowingly false, no action may be taken against you for having complained or disclosed information to the OIG. Reprisal and retaliation for reporting wrongdoing are prohibited by Federal law and regulations.

Call the OIG Hotline: 800-233-3497

7 a.m.–4 p.m. (Eastern time)

After hours, please leave a message.

Submit an Online Form: <https://nrcoig.oversight.gov/oig-hotline>



CONTACT US

U.S. Nuclear Regulatory Commission

800-368-5642
301-415-7000

Hearing Impaired Access TTY:
240-428-3217
<https://www.nrc.gov>

Public Affairs

301-415-8200
fax: 301-415-3716
email: opa.resource@nrc.gov

Public Document Room

800-397-4209
fax: 301-415-3548

Employment

Human Resources: 301-415-7400

Contracting Opportunities

Small Business:
800-903-7227

License Fee Help Desk

301-415-7554
email: fees.resource@nrc.gov

Mailing Address

U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Delivery Address

NRC Storage and Distribution Facility
4934 Boiling Brook Parkway
Rockville, MD 20852

STAY CONNECTED

Listserve subscription

<https://www.nrc.gov/public-involve/listserver.html>

News Releases

<https://www.nrc.gov/reading-rm/doc-collections/news/index.html>

What's New on NRC Website

<https://www.nrc.gov/site-help/new-content.html>

SOCIAL MEDIA CHANNELS

Facebook

<https://www.facebook.com/nrcgov/>

Flickr

<https://www.flickr.com/photos/nrcgov/albums/>

Instagram

<https://www.instagram.com/nrcgov/>

LinkedIn

<https://www.linkedin.com/company/u-s--nuclear-regulatory-commission/mycompany/>

YouTube

<https://www.youtube.com/user/NRCgov>

X

<https://x.com/nrcgov>

Threads

<https://www.threads.net/@nrcgov>

PHOTOS: THE NRC ON THE JOB



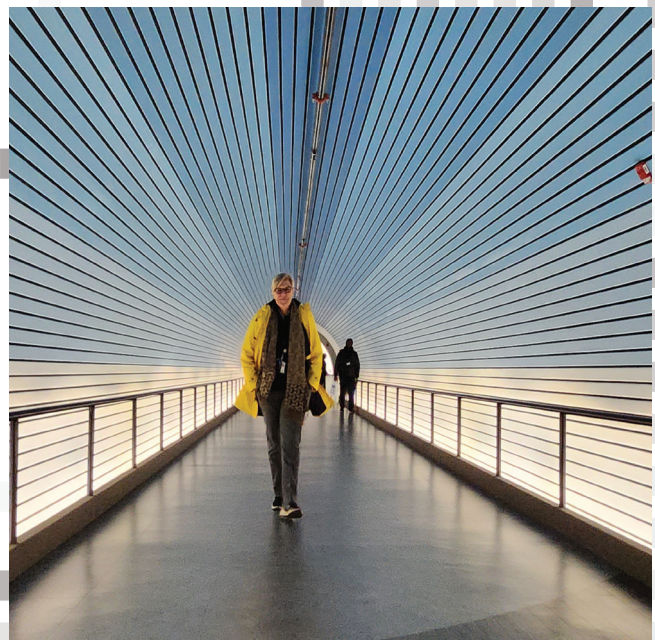
Inspector Shawn Lichvar descends into an underground vault at the Beaver Valley nuclear power plant, securely harnessed, to inspect safety-related electrical cables at the western Pennsylvania facility.



Project Engineer Brittany Ford joined the NRC after 16 years as an engineer on commercial and military marine vessels. Now part of the Resident Inspector Development Program, she is completing extensive training, including classroom learning, self-study, and on-the-job training.



Inspectors from NRC Region I and decommissioning experts from headquarters lead a tour of the shutdown Indian Point nuclear plant for a delegation from the Korean Institute of Nuclear Safety. The NRC collaborates with Korean counterparts to share lessons learned as Korea begins decommissioning its first nuclear plants.



NRC Region III Inspector Carol Dye navigates a tunnel during an inspection of a hospital complex in Detroit, Michigan.



Region I Senior Project Engineer Sarah Elkhiamy conducts a fire-safety inspection at the Beaver Valley nuclear power plant in Pennsylvania.



The NRC held its first agency-wide meeting on the ADVANCE Act, building on prior project-specific discussions and setting the stage for upcoming meetings.



The NRC's human factors team, led by Kelly Dickerson, collects data on performance, neurophysiology, and heart rate to study how control room changes affect human performance. The findings guide improvements in digital control room interfaces and advanced automation, enhancing safety and efficiency.



Members of the Office of International Programs collaborate with dozens of countries worldwide, supporting independent nuclear regulatory programs and promoting U.S. foreign policy objectives.



NRC Senior Resident Inspector Gale Smith (left) and NRC Inspector Derrick Jung (right) monitor conditions at the Brunswick Nuclear Power Plant during Hurricane Idalia. The team ensures the plant continues to operate safely despite the severe weather.



Region IV Deputy Regional Administrator Julio Lara (left) visits Louisiana, where he toured the Waterford nuclear plant in Killona and River Bend Station in St. Francisville.



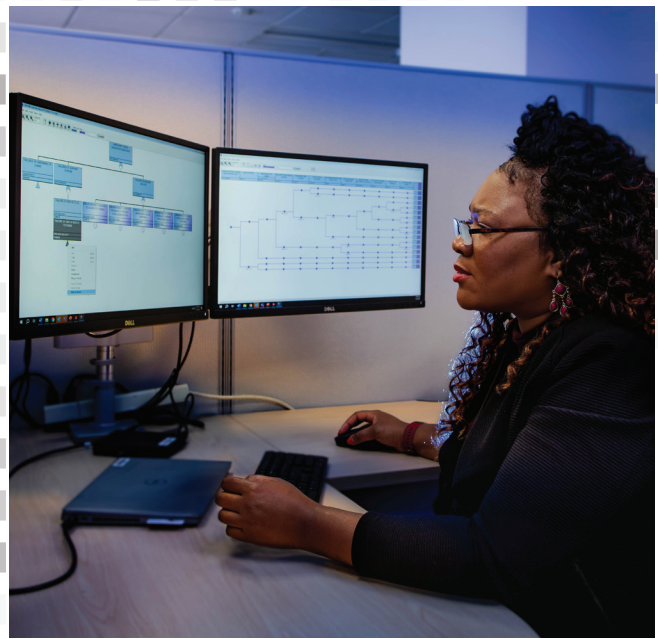
NRC Executive Director for Operations Mirela Gavrilas speaks at the Senior Safety and Security Regulators Meeting during the IAEA General Conference in Vienna, Austria.



NRC summer intern Anna Starks (left), visits the FitzPatrick nuclear power plant in Scriba, New York, to learn firsthand from NRC Resident Inspector Veronica Fisher (right) how inspectors carry out their duties.



NRC Structural Engineer Marcos Rolon-Acevedo lectures to students as an adjunct professor in the Department of Engineering at the University of Puerto Rico Mayagüez campus.



Latonia Enos-Sylla, a reliability and risk analyst, uses a software application known as SAPHIRE (Systems Analysis Programs for Hands-on Integrated Reliability Evaluations) to assess nuclear power plant risk.



Steve Ruffin, materials engineering branch chief, uses a virtual reality tool to demonstrate the nondestructive examination process of welds for nuclear power plant applications.



NRC technical librarian, Lee Wittenstein, stands next to the bookshelves at the NRC Technical Library at headquarters in Rockville, Maryland.