Performing work at Idaho National Laboratory

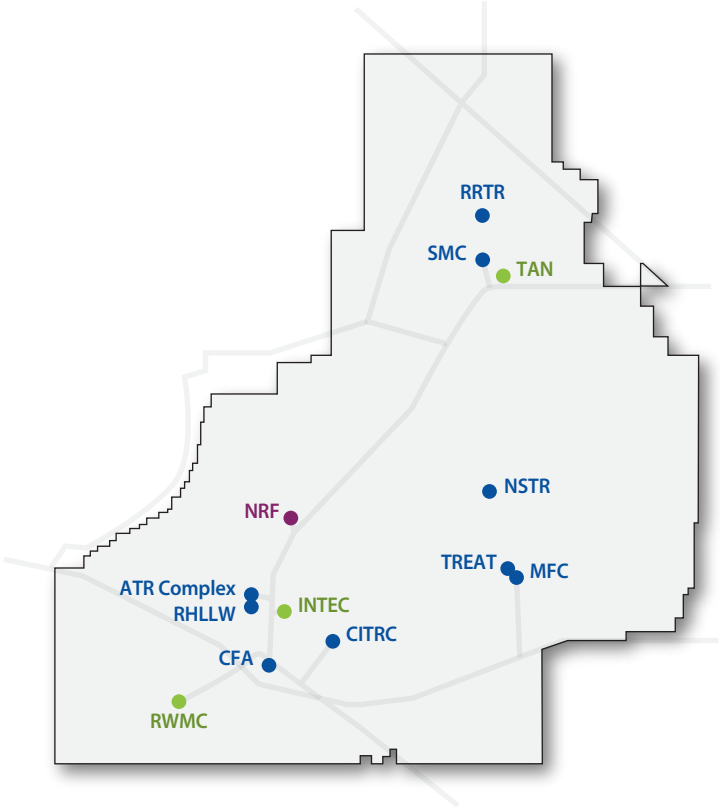
Facilities and contractors located on the INL Site and the Research and Education Campus

Idaho National Laboratory (INL) is one of the U.S. Department of Energy's (DOE) national laboratories and is the nation's lead laboratory for nuclear energy research, development and demonstration. The DOE, in partnership with its contractors, is focused on performing research and development in energy programs and national defense as well as cleaning up the legacy facilities and contamination on the INL Site. Much of the work to achieve this mission is performed in government-owned and leased buildings on the Research and Education Campus (REC) in Idaho Falls, Idaho, and on the INL Site, located approximately 50 miles west of town.

Idaho National Laboratory is managed by **Battelle Energy Alliance (BEA)** for the Department of Energy's **Office of Nuclear Energy**. The laboratory performs work in each of the strategic mission areas of DOE: energy, national security, science and environment.

The **Idaho Cleanup Project (ICP)** is managed by **Fluor Idaho, LLC**. ICP is funded through the **DOE's Office of Environmental Management (DOE-EM)** to disposition transuranic waste, manage spent nuclear fuel and high-level waste, and complete environmental remediation including groundwater treatment and monitoring.

Naval Reactors Facility (NRF) is managed by **Fluor Marine Propulsion, LLC** to receive, examine and prepare Naval spent nuclear fuel for storage; and to prepare and examine irradiated test assemblies under contract with the Naval Nuclear Propulsion Program (NNPP) in support of the Navy's nuclear-powered fleet.

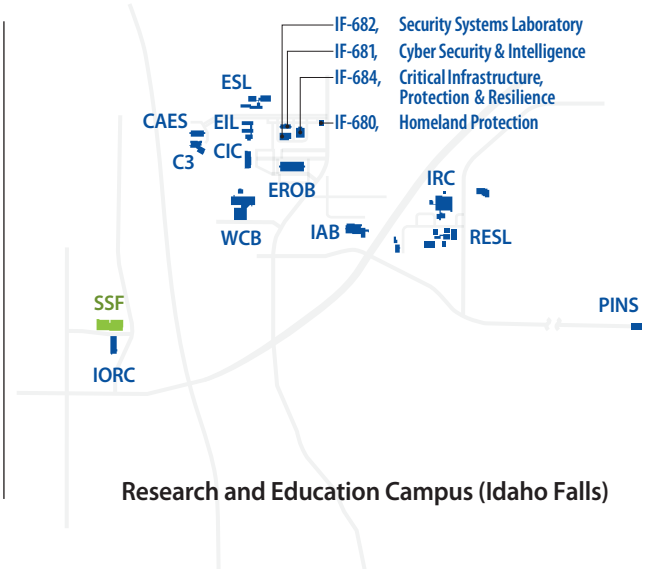


INL Site (Desert)

Idaho National Laboratory
- Supporting DOE NE and other missions

Idaho Cleanup Project
- Supporting DOE EM mission

Naval Reactors Facility
- Supporting the Naval Nuclear Propulsion Program



Research and Education Campus (Idaho Falls)

Facility	Campus	Primary Contract	Program Supported	Description
			DESERT FACILITIES	
Advanced Test Reactor (ATR)	INL Site	BEA	NE	The Advanced Test Reactor is used to test materials and fuels for national security programs and for the commercial nuclear industry. ATR produces valuable isotopes used in medical treatments (including cancer therapy) and industrial applications. The reactor subjects experiments to a wide range of temperatures, pressures and exposure to high levels of neutrons and gamma rays to determine how the materials will react in high-radiation environments.
Central Facilities Area (CFA)	INL Site	BEA	NE	Supports Wireless Test Bed network, operations center, and the sitewide protection, emergency response, network and communications, transportation, and warehousing services for the Site campuses.
Critical Infrastructure Test Range Complex (CITRC)	INL Site	BEA	NE	Supports INL National & Homeland Security (N&HS) missions in developing solutions for security and resilience of critical infrastructure and advancing security solutions that prevent, detect and counter nuclear and radiological threats. This mission engages strategic partnership projects that include other federal agencies, national and international programs and the energy industry.
Experimental Breeder Reactor-I (EBR-I)	INL Site	BEA	NE	A registered National Historic Landmark about 50 miles from Idaho Falls. EBR-I operated between 1951 and 1964 and demonstrated breeder reactor technology. (Breeder reactors produce more fuel than they consume.) EBR-I is open for public tours from Memorial Day through Labor Day.
Idaho Nuclear Technology and Engineering Center (INTEC)	INL Site	Fluor Idaho, BEA	EM, NE	Supports and currently owned and operated by EM, INTEC houses the Integrated Waste Treatment Unit (IWTU) and primarily supports ICP contract scope. INTEC is also home to several facilities that support INL's spent nuclear fuel capabilities.
Materials and Fuels Complex (MFC)	INL Site	BEA	NE	The Materials and Fuels Complex has facilities for fabricating, examining, and characterizing nuclear fuel and materials, as well as remotely handling and processing spent fuel and radioactive wastes. In addition, power systems for space exploration vehicles are assembled here.
National Security Test Range (NSTR)	INL Site	BEA	NE, DOD, NNSA, DHS	Supports testing advanced tools and techniques to ensure the safety of our war fighters. The dedicated test range and restricted airspace is uniquely positioned to support a wide variety of full-scale and practical testing opportunities for the DOE, DOD, NNSA, DHS, and other federal and industrial collaborators. N&HS expertise at the lab spans ballistics, explosives and barrier testing, current breaching strategies, high-performance modeling and simulation capabilities, and classified program support.
Naval Reactors Facility (NRF)	INL Site	Fluor Marine Propulsion	NR	NRF's primary functions are to receive, examine, and prepare Naval spent nuclear fuel for storage; and to prepare and examine irradiated test assemblies. NRF is part of the Naval Nuclear Laboratory, which is operated by the Fluor Marine Propulsion, LLC (subsidiary of Fluor Corporation) for the United States Naval Nuclear Propulsion Program.

Facility	Campus	Primary Contract	Program Supported	Description
Radiological Response Training Range (RRTR)	INL Site	BEA	DOD, NNSA, DHS	Supports special training for civilian and military first responders who prepare to deal with radiological dispersion devices and other weapons of mass destruction. The lab employs world-renowned nuclear scientists, engineers, and nonproliferation experts who lead immersive, hands-on responder training.
Radioactive Waste Management Complex (RWMC)	INL Site	Fluor Idaho	EM	Supports retrieval, characterization, treatment, certification and shipment of legacy transuranic (TRU), targeted buried, and mixed low-level waste. Operations include Accelerated Retrieval Project and Advanced Mixed Waste Treatment Project activities.
Remote-Handled Low Level Waste (RHLLW)	INL Site	BEA	NE	Supports on-site RHLLW storage facility. Hazard Category 2 nuclear facility, consisting of below-grade precast concrete vaults to emplace and dispose of RHLLW waste canisters generated on site.
Specific Manufacturing Capability (SMC)	INL Site	BEA	NE	Supports DOD missions, developing and manufacturing M1 Abrams armor for the U.S. Army.
Transient Reactor Test Facility (TREAT)	INL Site	BEA	NE	The TREAT reactor was restarted in November 2017 and is currently supporting experiment programs. Transient testing involves the application of controlled, short-term bursts of intense neutron flux directed toward a test specimen in order to study fuel and material performance under off-normal operational conditions and hypothetical accident scenarios.
IDAHO FALLS FACILITIES				
Center for Advanced Energy Studies (CAES)	REC	BEA	NE	A research and education consortium between INL, Boise State University, Idaho State University, University of Idaho and University of Wyoming.
Collaborative Computing Center (C3)	REC	BEA	NE	A place where INL researchers, Idaho universities and industry can explore computer modeling and simulation to develop new nuclear materials, advance nuclear energy concepts and conduct a broad span of scientific research.
Cybercore Integration Center (CIC)	REC	BEA	NE	Supports research on security and resilience of the nation's critical infrastructure, including the power grid. The research focuses on developing the partnerships, people and innovations required to meet emerging threats from persistent, capable, well-resourced and highly motived cyber adversaries.
Energy Innovation Laboratory (EIL)	REC	BEA	NE	The one-story INL Meeting Center opens into a reception space for employees and visitors to attend meetings and educational events. Laboratories support chemical sciences, nanotechnology, water chemistry, advanced microscopy, control systems, high-temperature testing, thermal hydraulics, materials testing and characterization, separations technology and advanced instrument training.
Energy Systems Laboratory (ESL)	REC	BEA	NE	Three related energy system programs use the majority of the building space: the bioenergy research and user facility, energy storage and advanced vehicles, and energy systems integration.

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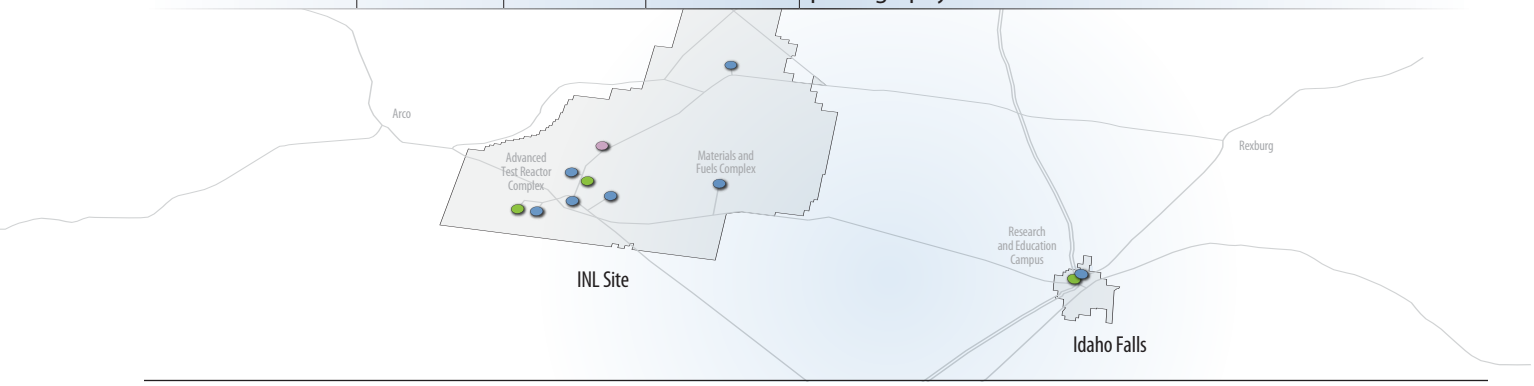
Engineering Research Office Building (EROB)	REC	BEA	NE	Supports research, BEA administration functions and INL High Performance Computing Data Center that provides essential support for modeling and simulation work as well as multiple program missions.
INL Administration Building (IAB)	REC	BEA	NE	Supports INL & DOE-ID administration and emergency operations functions.
INL Research Center (IRC)	REC	BEA	NE	Includes labs for materials science, biology, analytical chemistry, nondestructive battery evaluation, autonomous systems and geochemistry.
Radiological and Environmental Sciences Laboratory (RESL)	REC	DOE	NE	RESL features analytical chemistry and radiation protection and serves as a reference laboratory for numerous performance evaluation programs. It provides technical support and quality assurance metrology, which is directly traceable to the National Institute of Standards and Technology. RESL also houses INL's whole-body counter.
Sawtelle Street Facility (SSF)	REC	Fluor Idaho	EM	Supports ICP-EM and EM administration functions.
(formerly UB 1-4) **IF-680**, Homeland Protection **IF-681**, Cyber Security & Intelligence **IF-682**, Security Systems Laboratory **IF-684**, Critical Infrastructure, Protection & Resilience	REC	BEA	NE	Mission-dependent facilities that support key laboratory core capabilities for cyber and information sciences and applied materials science and engineering. These buildings include collaborative research and laboratory areas for strategic partnership projects that include other federal agencies, national and international programs and the energy industry. Multidisciplinary research and development within these facilities focuses on critical infrastructure assurance and analysis, computer security and control systems cybersecurity analysis, wireless communications networks and sensors, development of the next generation of verification, signatures and observables for the safeguarding of nuclear and radiological materials and technologies and practices designed to detect and protect critical infrastructure.
Willow Creek Building (WCB)	REC	BEA, DOE	NE	Supports DOE-ID and INL operations and administration functions. The building contains a medical facility, a print shop, photography studio and classified areas.



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