

## The Central Facilities Area Tour

### **Background:**

The Central Facilities Area (CFA) is the main service and support center for the programs located at the INL. Eighty percent of the activity consists of site-wide programmatic support such as transportation, maintenance, capital construction, environmental and radiological monitoring, security, fire protection, warehouses, calibration laboratories, and a food service. Research and Development work is also conducted and has been slowly increasing.

Since the mission of the Central Facilities Area is to support INL programs, increases or decreases in program activities affect the work and employment levels at the Central Facilities Area. There are approximately 860 people currently employed at CFA. Currently there are 70 buildings with a total of 662,000 ft<sup>2</sup>. The breakout of square footage by building type is:

- 97,000 ft<sup>2</sup> office space,
- 100,000 ft<sup>2</sup> laboratory,
- 279,000 ft<sup>2</sup> service facilities
- 141,000 ft<sup>2</sup> storage space, and
- 46,000 ft<sup>2</sup> excess facilities.

The average facility age is 30 years. Approximately 47% of the CFA building space is in good condition and 27% in fair condition.

CFA Area Utilities - Electrical power is supplied to the INL and the Central Facilities Area from the Idaho Power Company. Potable and fire water is supplied by two deep wells located in the area. The Central Facilities Area also has its own sewage treatment plant. Potable and fire water are supplied from two area deep wells. Sanitary sewage is treated in a wastewater treatment system. Boilers provide steam to two remaining steam distribution systems, individual boilers heat other buildings, and the rest of CFA buildings are gas or electrically heated.

### **Drive Through Tour:**

The tour will start at the Bus Depot on Ogden Ave, Building 685. The Bus Depot is currently the transfer hub for site workers who choose to ride the busses to and from work. It is a 1952 structure with 2,152 ft<sup>2</sup>.

### Driving Northwest on Ogden Ave

The three buildings on the left are modular office buildings. CF-1608 and 1610 contain contractor office space; CF1609 is a DOE occupied facility. All three were built in 1994. The total square footage is about 18,000 ft<sup>2</sup>.

The next building on the left is the Radio and Alarm Shop, CF-699, which is currently being used as an electronics shop for security and life safety system equipment. The building was built in 1969 and has 6,383 ft<sup>2</sup>.

The large building on the right is the CFA Transportation Complex, CF-696. This building consolidated operations from seven older facilities into one centralized bus and vehicle maintenance shop and transportation control center. Capabilities include a body shop, complete repair facility, tire shop and wash bays. Outside the building are natural gas pumps that deliver both LNG and CNG, which is used in some busses and light vehicles. We also utilized an in-town CNG pump located at a privately owned gas station. It was built in 1994 and has 81,672 ft<sup>2</sup>.

#### Turn right on Lincoln Blvd

The first building on the left is the Medical facility, CF-1612. It provides the primary emergency medical response capability for INL site areas and also functions as a clinic or non-emergency care and physical examinations. This facility was constructed in 1996 and has 22,817 ft<sup>2</sup>.

The second building is the new Fire Station, CF-1611, also built in 1996. It serves as the primary fire station for the site and provides both structure and wildfire control. It has 29,800 ft<sup>2</sup>. Behind the Fire Station is the Fire Training Facility, CF1614, is an advanced firefighter training facilities and is utilized by the INL, as well as other fire fighting agencies.

#### Turn right on Portland Ave

The small facility on the right is the CFA Gas Station, CF-1607/784. This facility is used to fuel government-owned vehicles.

#### Turn Left on Main St. proceed North to the split in the road and make a right-hand loop back to Main St

The buildings in the center of the loop are: the CFA Heating Plant, CF-650, which is currently being inactivated, the old Health Physics Instrument Lab, CF-633, which has been replaced with a new facility, and some miscellaneous storage facilities. Some of these facilities were built in the early 1940s and were part of the old naval gunnery range.

The building at the end of the loop is the CFA Substation Control House, CF-681. Also known as the Scoville substation, power is fed into a 138 KV line that forms a loop connecting the other INL facility areas. Power Management monitors and controls the electrical distribution for the site from this site. The substation to the south is the Antelope substation and belongs to Idaho Power.

North of here is the CFA landfill. This facility accepts the INL municipal wastes and some types of hazardous waste such as asbestos. An industrial landfill is located a ¼ mile east of CFA.

### Proceed South on Main St

Off to the East there is the Waste Water Lab, CF-1605 built in 1995. The structure that looks like a bunker is the Hazardous Chemical Storage facility, CF-637 and the other bunker way off in the distance is the Dosimetry Calibration Lab, CF-638 (this facility is used in support of RESL and is operated by DOE employees).

### Turn Left on Ogden Ave

On the right is the Fire Water Pump House, CF-1603, and Storage Tanks, 782 and 753.

Next building on the right is CF-666 and contains roads and grounds equipment storage, and operations. It currently contains the site supervisory station for firefighting control. This is a 12,146 ft<sup>2</sup> building built in 1951.

Building CF-629, also on the right operates a truck scale and contains office space for packaging and transportation and lab support. This 9,867 ft<sup>2</sup> office building was built in 1979.

On the left is building CF-625, a 7,533 ft<sup>2</sup> laboratory complex built in 1989, and the new Health Physics Instrument Laboratory, CF-1618. The new building has 15,741 ft<sup>2</sup> and provides site-wide calibration services of health physics, laboratory and electronic instrumentation. **Visit the Lab.**

### Turn Right on Oregon St

The first building on the left is CF-660, a laborers and equipment operators building, now in excess. It has 5,454 ft<sup>2</sup> and was built in 1963.

The next buildings on the left are storage buildings, CF-667/697. CF-667, which is now inactivated, was built in 1951 and has 6,257 ft<sup>2</sup>. CF-697 currently stores roads and grounds equipment, was built in 1960 and has 3,200 ft<sup>2</sup>.

### Turn Right on Lansing Ave

The building on the right, CF-664, is an unheated storage building primarily used to store USGS core samples. The building has 16,399 ft<sup>2</sup> and was built in 1951.

The Large buildings on the left are the CFA Warehouse Complex for packaging and receiving. CF-601 is used for shipping, receiving, storage, and inspection. CF-674 is the excess equipment and materials warehouse and also contains a personal

computer redistribution area for excess computers. Built in 1950 and 1952 respectively, the buildings have over 100,000 ft<sup>2</sup> of total space.

The next complex on the left are the Multi-craft Shops, CF-621 is currently being used as a tent shop and maintenance facility, CF-622 is being used for laboratory work, CF-623 is being used by Power management, and CF-624 use is changing. Together, they contain about 40,000 ft<sup>2</sup> and were built between 1984 and 1987.

Building CF-661 on the left is a material storage building with 4,852 ft<sup>2</sup> and built in 1963.

On the left is the Main Site Cafeteria, CF-662. It was built in 1951 and has 12,582 ft<sup>2</sup>. It prepares and provides meals for personnel assigned to various work locations around the INL site.

Just to the North of the cafeteria is CF-606, an old office building constructed in 1942 and now excess.

The large facility to the Southwest is Security Headquarters building, CF-609. The building has 38,797 ft<sup>2</sup> and was built in 1988. CFA-609 contains the administrative offices and the CFA operations base for Safeguards and Security operations at the INEEL. Safeguards and Security provides access control and patrols for the INEEL facilities. CFA-609 building also contains the CFA Emergency Control Center (ECC), which provides support services for emergency response. The building has 38,797 ft<sup>2</sup> and was built in 1988.

Attached to the backside of the building is CF-608, the Material Science Lab. It has 8,459 ft<sup>2</sup> and was built in 1984.

#### Turn Right on Lincoln Blvd

Immediately on the left is the Standards and Calibration Laboratory, CF-698. It is 10,830 ft<sup>2</sup> and houses modern calibration equipment even though it was built in 1969. **Visit the Lab.**

#### Turn Right on Kansas St. then Right on Memphis St

On the right is CF-1606, the CFA Training and Qualification Center built in 1994 with 4,960 ft<sup>2</sup>. CFA provides required craft and ES&H training and the facility primarily contains classrooms.

Next on the right is CF-615, an office building containing environmental monitoring personnel was built in 1990 and has 8,844 ft<sup>2</sup>.

#### Turn Left on to Louisiana and then left on to Main

On the left is CF-613, an old bunkhouse built in 1942 now in excess.

Next on the left is the Communication and Controls building, CF-668, built in 1951 with 10,275 ft<sup>2</sup>. The INL's copper and fiber-optic communications are controlled through this facility.

The last building on the left is an old office building, now in excess, built in 1942.

#### Turn Left onto Ogden and Left onto Kansas

First on the right, is the old dispensary building built in 1950 but now in excess.

On the left, is CF-612; it contains administration personnel and classrooms. It was constructed in 1983 and has 9,855 ft<sup>2</sup>.

On the right, is CF-614, a 1986 office building with 8,090 ft<sup>2</sup>. This building houses CFA operations and labor relations functions.

On the right, is CF-602, a materials testing Lab and field engineering building built in 1969 with 4,295 ft<sup>2</sup>. The building is currently used to perform construction material testing.

#### Turn Right onto Lincoln Blvd

The large complex on the left is the Technical Center and Administration space, CF-686/688/689. CF 686 is a high bay and the other buildings are general office space. The complex has 48,208 ft<sup>2</sup> and was built in 1963.

The small building to the West is the USGS Core Sample Storage building, CF-663. The USGS maintains a core library here and in CF-664

The next building on the left is The DOE Radiological and Environmental Laboratory, CF-690. This laboratory is operated by DOE employees and provides technical oversight of worker radiation protection and analytical labs throughout the DOE complex. It was built in 1963 and has 32,238 ft<sup>2</sup>.

#### **End of Tour, let Tour Guide of bus at Laramie Ave**