

Exercise Information

Exercise Date:

May 18, 2018 at 2:30 PM

PENS messaging will alert all indoor staff to report to their Shelter-in-Place Area.

Site Siren will broadcast a steady tone to alert outdoor staff to go to the nearest building and report to the Shelter-in-Place Area.

The Site Siren will broadcast a continuous tone for four minutes in duration.

An All Clear message will be broadcast to end the exercise.

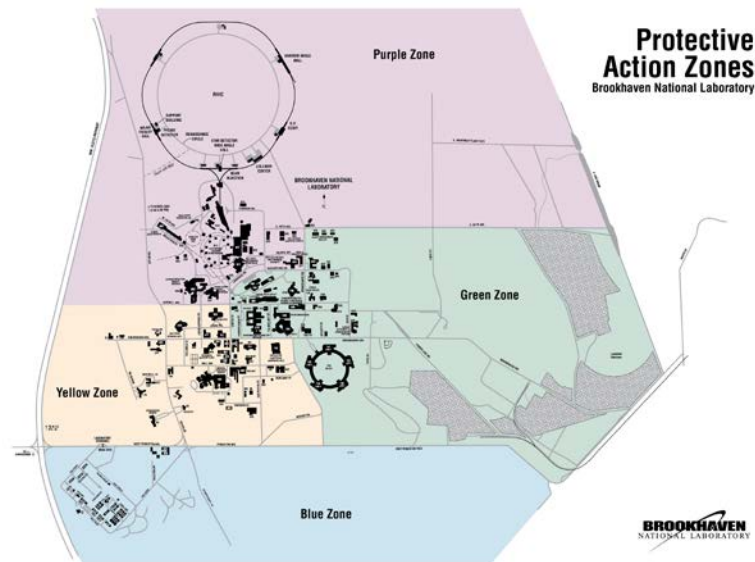
SHELTER

IN PLACE

BNL Shelter-in-Place Exercise

As part of the continuing emergency preparedness for BNL employees, guests, and users the Office of Emergency Management will conduct a site wide Shelter-in-Place exercise May 18, 2018 at 2:30 PM. This exercise will demonstrate the ability of Laboratory personal to receive emergency communication messages and to safely and effectively shelter indoors.

DOE Order 151.1D requires BNL to conduct protective action drills commensurate with the hazards planning basis for the site. Based on the hazards existing at BNL this site wide shelter-in-place exercise will fulfill the requirements demonstrating the ability of the BNL populace to take protective actions during an emergency.



Each building at Brookhaven National Laboratory has designated shelter-in-place areas where staff are to report during an emergency. These areas provide an assemble point for the building occupants to safety shelter and allow Local Emergency Coordinators (LEC) to perform accountability. In addition the shelter-in-place areas allow for the Office of Emergency Management to provide critical emergency information about the event utilizing the Phone Emergency Notification System (PENS) to keep personnel informed.

The strategy of the BNL Emergency Communications System is to provide real-time information and instructions to the BNL populace regarding emergencies. The BNL Emergency Communication System currently uses multiple paths to reach the BNL population, whether they are inside buildings, in transit, or working outside.

The primary outdoor communication system used to alert the BNL population of an on-site emergency is the Site Siren System, and the primary indoor communication is the Phone Emergency Notification System (PENS).

The site siren system consists of six outdoor broadcast locations. The siren system has two modes: continuous sounding (shelter-in-place), or intermittent (evacuate the site). The site siren alerts personnel who are outdoors at the time of the emergency. PENS transmits pre-scripted verbal messages via internet protocol phones and installed speakers within buildings. Depending on the location, some of the speakers include a scrolling text screen. Each shelter-in-place location has either a phone or speaker in the location to receive emergency informational updates.



Sequence of Events for the Site Wide Shelter-in-Place Exercise:

At 2:30 PM on May 18th the Site Siren will be activated and will send the continuous tone for four minutes.

Simultaneously the Phone Emergency Notification System (PENS) will be activated to alert Laboratory staff to report to their indoor Shelter-in-Place Area immediately.

As personnel report to their Shelter-in-Place Area the building LEC briefs personnel on the nature of the emergency and begins personnel accountability.

At approximately 2:50 pm another Phone Emergency Notification System message will send an all clear message

releasing staff from sheltering-in-place and to resume normal activities.

The 2018 Site Wide Shelter-in-Place Exercise will be a graded exercise that will evaluate the following objectives.

BNL staff, contractors, and guests will be required to take the following actions when an emergency communication message is broadcasted:

Did personnel take appropriate protective actions when the Site Siren was activated?

Did personnel safely report to the indoor assembly area?

Did staff report to their supervisor/LEC following the building/facility Local Emergency Plan (LEP)?

Did personnel remain in the indoor assembly area until authorized by the LEC to dismiss?

Any questions please contact the Office of Emergency Management at oem@bnl.gov.