

2016-2017 EDITION

Are you ready?



BE INFORMED



MAKE A PLAN



BUILD A KIT



BE PREPARED



ORANGE COUNTY

INDIAN POINT EMERGENCY GUIDE

What is Radiation?

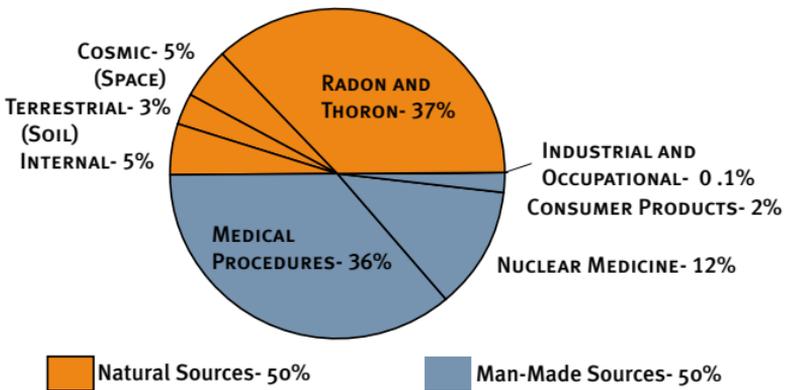
Radiation is energy, such as heat, light or radio waves, which moves through space or matter at high speed. It can be easily detected and measured using specialized instruments. In very large amounts, radiation can damage living cells.

Radiation comes from many natural and common man-made sources. Radiation from the sun and stars, radon from bedrock, radioactive elements in the foods we eat and materials we use to build our homes all come from natural sources. These natural forms of radiation are part of what is called background radiation.

Man-made radiation comes from sources such as X-rays, other medical procedures, microwave ovens and electric power plants.

The effect of radiation on the human body is measured in units called millirems. The average background radiation exposure in this area is about 600 millirems per year. About 50% of exposure to radiation in the U.S. comes from natural sources; the other 50% comes from man-made sources.

Sources of Radiation Exposure in the United States



Source: NCRP Report No. 160 (2009)

The information in this booklet is updated periodically. Visit www.orangecountygov.com or the App below for updated information.



Keyword: R U Ready or Indian Point

HOW WOULD I BE NOTIFIED?

Special emergency sirens that produce a continuous, four-minute tone would alert people within 10 miles of Indian Point to tune to an Emergency Alert System (EAS) station for information about an emergency at Indian Point. If you hear the continuous, four-minute tone, listen to one of the EAS stations listed in this booklet for official information on what you should do.

These sirens are tested periodically throughout the year. Siren tests are announced in advance through local news media.

In addition to the sirens, a high-speed telephone service, an e-mail alerting service or web-based services such as NY-Alert could be used to notify and inform the public.

**Anyone can sign up for
NY-Alert online at
<https://users.nyalert.gov>**

How would I find out what I should do in an emergency?

Officials would use the Emergency Alert System (EAS) radio and television stations to provide information and instructions to the public. EAS stations in this area are listed on the next page. These stations would be the official source of information during an emergency.

Different areas could be directed to take different actions, so instructions will be provided in terms of the communities or areas within 10 miles of Indian Point. These areas are shown on the map attached to this booklet. Find your location on the map and listen carefully for information concerning your area.

Tune in for information

If you hear the emergency sirens, tune in your radio or TV to an Emergency Alert System (EAS) station for further information.

Remember: *The sounding of the sirens is not a signal to take any actions other than to listen to your radio or TV EAS station.*

EAS Stations

Primary EAS Radio Stations for the Hudson Valley

WLNA 1420 AM

WHUD 100.7 FM

Emergency information will also be carried on the following stations:

AM Radio

WOR 710 AM

WABC 770 AM

WCBS 880 AM

WINS 1010 AM

WFAS 1230 AM

Television

WCBS CH 2

WNBC CH 4

WNYW CH 5

WABC CH 7

News 12 Hudson Valley

FM Radio

WRPJ 88.9 FM

WOSR 91.7 FM

WNYC 93.9 FM

WJGK 103.1 FM

Note: All radio stations operate 24/7.

What might I be instructed to do?

You could be instructed to shelter-in-place, to evacuate, to take potassium iodide (KI) or to take no action. Officials would base any emergency instructions on the situation at Indian Point and where people are most likely to be affected. People in one area might need to take one action, while people in another area might take a different action or no action at all.

In all cases, avoid using telephones and cell phones to prevent overloading the system and interfering with emergency use.

Use the Emergency Supplies Checklist on the back of the attached map to help prepare your family plan in case you need to Shelter-in-Place or Evacuate.

Shelter-in-Place

If your area is instructed to shelter-in-place, you should remain indoors and limit the ways outside air can enter. You should:

- Keep family and pets inside
- Close windows and doors
- Turn off air conditioners and ventilation systems
- Extinguish fires in fireplaces and close dampers
- Listen to radio or TV for emergency information

Evacuation

Evacuation is a protective action strategy involving the orderly movement of people away from an actual or potential hazard. If your area is instructed to evacuate, you should gather the things you would need for a three-day stay and leave promptly.

Where should I go, if I have to evacuate?

You should go to the home of a friend or relative or other location outside the 10-mile area around Indian Point using the timeliest route. If you do not have another place to go, you can go to the Reception Center assigned to your area using the routes shown on the attached map. Temporary shelters will be available for those who need a place to stay.

If there has been a release of radioactive materials from Indian Point, monitoring and decontamination will be available at the Reception Centers.

In an evacuation:

- Be certain that your area is one being ordered to evacuate. *Do not evacuate unnecessarily.*
- Remain calm, but act promptly
- Do not use the telephone to avoid overloading the system
- Contact neighbors directly to ensure they are aware of the emergency instructions
- Offer a ride to anyone you know who might not have a car
- Close windows and vents in your car and do not use the air conditioning until you have left the area
- Take one dose of Potassium Iodide (KI) if instructed to do so

Bring with you:

- clothing and blankets or sleeping bags
- prescription medicines
- personal items such as shaving kits, soap and cosmetics
- formula and other supplies for children and infants
- your checkbook, credit cards, cash and important papers

What if I need a ride?

Try to get a ride with a nearby friend or neighbor. If you cannot get a ride, free emergency buses will pick up passengers along the routes near your location and take them to the Reception Center for your area. Bus routes are shown on the Orange County Bus Routes tab of this booklet.

For More Information on Family Preparedness, visit www.ready.gov

What is Potassium Iodide (KI)?

Potassium iodide is an over-the-counter medication that can block radioactive iodine from entering the thyroid gland if there were a serious emergency involving a large release of radioactive material. Potassium iodide is often referred to by its chemical abbreviation, KI.

If Emergency Alert System (EAS) messages direct people in your area to take potassium iodide, follow the instructions on the packaging, or those provided in the EAS message.

During an evacuation, potassium iodide is available at Reception Centers.

To obtain KI prior to any emergency for you and your family:

- **Contact the Orange County Department of Health at 845-568-5333 in Newburgh or 845-291-2330 in Goshen to obtain KI free of charge.**
- **KI is also available for purchase at many pharmacies.**
- **Most schools in the Emergency Planning Zone (EPZ) have a supply of KI for school children. Check with your school administrator for specifics.**
- **Reception Centers maintain a supply of KI for evacuees.**

Recommended Doses of KI for Different Risk Groups

	KI dose (mg)	# ml liquid (65 mg/ml)	# of 65 mg tablets	# of 130 mg tablets
Adults over 40 yrs Adults over 18 through 40 yrs Pregnant or lactating women	130	2	2	1
Adolescents over 12 through 18 yrs who weigh at least 150 pounds	130	2	2	1
Adolescents over 12 through 18 yrs who weigh less than 150 pounds	65	1	1	1/2
Children over 3 through 12 yrs	65	1	1	1/2
Over 1 month through 3 years	32	1/2	1/2	USE KI ORAL SOLUTION
Birth through 1 month	16	1/4	USE KI ORAL SOLUTION	USE KI ORAL SOLUTION

Source: US FDA, 2011

**For more information on KI, visit
Centers for Disease Control and Prevention
www.emergency.cdc.gov/radiation/ki.asp.**

What if my children are in school?

Officials may relocate children in schools to a school reception center at **South Junior High School in Newburgh** as a precautionary measure, even if there is no evacuation of the general public. Staff have been trained and will travel with students to this school reception center. Parents and guardians can pick up their children from this school reception center. Please check with your child's school or childcare facility to learn more about relocation planning and parental pick-up plans.

- Students who reside within the EPZ but attend schools located outside the EPZ, will remain in those schools until picked up by their families, whether or not they are evacuating.

No students will be transported into the EPZ.

Schools in the EPZ:

James I. O'Neill High School
Highland Falls Intermediate School
Fort Montgomery Elementary School
Nursery School of the Highlands*
Ascending Family Services, Inc.*
Martha Lopez*
Sue's Play and Learning Center*

** Nursery schools and day care centers may elect to have parents or caretakers pick up children directly from their facilities rather than evacuating to the school reception center.*

School Reception Center:
South Junior High School,
33-63 Monument Street, Newburgh

Directions to School Reception Center from U.S. Route 9W

Travel north on US Route 9W into Newburgh. Keep right to go on Bridge Street. Bear right when Bridge Street becomes Mill Street and take another slight right when it becomes Bridge Street again. Keep right to go on to Overlook Place. The school is located near the Intersection of Overlook Place and Monument Street.

What about summer camps?

During the camping season, campers and staff from sites in the Harriman State Park may be temporarily relocated to a reception center at **Suffern High School in Suffern** as shown on the attached map. Camp counselors and staff would remain with the campers until they are picked up by, or returned to their parents or guardians in accordance with their own procedures.

- Orange County children attending school or camp in Putnam, Rockland or Westchester counties would be taken to facilities in those counties. Contact the school or camp for more information.
- If parents would like to authorize another person to pick up their children - a grandparent or babysitter for example - they should contact their child's school or camp at their earliest convenience. They must follow the school or camp's procedures for formally identifying the person who would pick up their child.

Orange County Evacuation Bus Routes

If you do not have your own transportation out of the area, you can ride one of the buses provided to take you to a Reception Center or arrange a ride with a neighbor. Following is a list of evacuation bus routes and stops in Orange County. If residents of your area are advised to evacuate, locate the nearest bus stop. You will be advised over the EAS when the buses will begin picking up.

Bus No. OC-1: Highland Falls to Newburgh Free Academy

- Main St and Homestead Ave
- Mountain Ave and Center St
- Mountain Ave and Kleitz Ave
- Mountain Ave and Locust St
- NY-218 and Mountain Ave / Veterans Way
- NY-218 and Regina Rd

Bus No. OC-2: Highland Falls and Fort Montgomery to Newburgh Free Academy

- Canterbury Rd and Locust Ln
- Mine Rd and Rock Terrace Community
- Old State Rd and Hudson View Terrace Mobile Home Park
- Old State Rd and Rose Dr
- Old State Rd and West Point Mobile Trailer Park
- US-9W and Firefighters Memorial Dr
- US-9W and Montgomery Rd

Bus No. OC-3: Woodbury to Middletown High School

- Abrams Rd and Estrada Rd
- Abrams Rd and Stone Gate Rd
- NY-32 and Woodbury Rd
- Pine Hill Rd and Pearce Dr
- Skyline Dr and Birchwood Dr
- Skyline Dr and Rainbow Dr
- Smith Clove Rd and Hamilton Ave
- Smith Clove Rd and Thayer Rd

Bus No. OC-4: Cornwall to Newburgh Free Academy

- Angola Rd and Mine Hill Rd
- Angola Rd and Mineral Springs Rd
- Long Hill Rd and Faenza Terrace
- Mine Hill Rd and Mountain Brook Rd
- Mineral Springs Rd and Gadiri Drive

Bus No. OC-5: Tuxedo to Middletown High School

- E. Village Rd and Grove Dr
- NY-17 and Arden Rd

Bus No. OC-6: Bear Mountain Inn/ Overlook Inn to Suffern High School

- Overlook Inn Main Entrance
- Bear Mountain Inn Main Entrance

What about facilities such as hospitals and nursing homes?

Hospitals, nursing homes and other facilities within 10 miles of Indian Point have emergency plans to keep their residents safe, including provisions for transporting residents to host facilities.

If you have a family member in a facility and require information about their emergency planning initiatives, please contact the facility administrator.

What about people with special needs?

If you have a special need, such as mobility impairment, visual or hearing impairment, or need specialized transportation or equipment, prepare an emergency plan with family, friends or neighbors. If necessary, the County will make special arrangements for you.

If you have special needs, please fill out the registration card in this booklet and mail it in so we can make arrangements to help. If you know someone who might need assistance filling out the card, please offer to help them. Even if you mailed in a card last year, please do so again to keep our records up-to-date.

To submit the registration card electronically, go to the “R U Ready” app listed on the inside cover of this booklet.

Call 845-615-0400 if you have any questions or need additional information.

What about pets and livestock?

If you are directed to evacuate, you will want to take your pets with you. Pets would not be permitted in Reception Centers or temporary shelters (except for service animals such as seeing-eye dogs). Pet owners are encouraged to explore alternatives for their pets, such as boarding kennels, friends or relatives outside the 10 mile area.

If you have livestock or agricultural products, useful information is available from the New York State Department of Agriculture website www.agriculture.ny.gov or call 1-800-554-4501 or call your local Cooperative Extension Office.

The county is developing limited emergency kennel space at Reception Centers. This is being done to accommodate people who cannot make other arrangements for their pets beforehand. Pet owners should plan to bring their own supplies, including food, leashes, cages and carriers etc. Trained volunteers may be available to assist owners with pet care and feeding. Please be mindful that space at these locations is limited, so we encourage everyone to make other plans for their pets before the emergency.

Leave No Animal Behind

- Arrange with friends or relatives to provide temporary shelter for you and/or your pets.
- Make a list of pet-friendly hotels and motels outside your area. (You can look them up online at www.petfriendlytravel.com or www.petswelcome.com)
- Ask your veterinarian and boarding facilities if they provide emergency care and boarding during a disaster. (Also identify an alternate veterinarian or boarding facility outside the 10 mile area.)
- Consult your veterinarian for all questions and issues regarding KI dosage for pets.

Identify all your pets:

- Microchip your pet
- Make sure your pet is wearing a collar or harness with identifying tags on it. Include your phone number and an alternate phone number of someone outside your area.
- Put leg bands on all birds and ID tags on all pocket-pet cages.

Pet Emergency Kit

Gather these things in advance:

- Your pet's vaccination and medical records together with your veterinarian's phone number in a watertight plastic bag. (Warning: A shelter or boarding facility may NOT take your pet without current vaccinations!)
- Current photographs of you and your pet together.
- Medication your pet is taking.
- Pet food & bottled water for 3–14 days.
- Pet food dishes and manual can opener.
- Cages/carriers for all pets. Carriers must be big enough to allow your pet to stand, turn around and lie down. (Temporary shelters may NOT have cages available; therefore you MUST provide your own!)
- Blankets or towels for bedding and warmth.
- Leashes, harnesses, muzzles (if needed).
- Cat litter, a litter pan and scoop.
- Plastic bags for disposal of waste, paper towels, disposable gloves, disinfectant.
- First aid kit: gauze, peroxide or antiseptic wipes, ointments, adhesive tape.
- Treats, toys, brushes, combs.

If you absolutely MUST leave them...

- Put a sign or sticker in a front window identifying all pets inside. Include your name, phone numbers and where you are staying. Include the name and number of a contact outside the area. Put ID tags on all pets.
- Keep dogs and cats in separate rooms.
- Leave as much food & water as you can.
- Open up bags of dry food.
- Fill many large bowls with water.
- Contact authorities and animal rescue groups immediately with information about the location of your animals.

Contacts for Further Information

**Emergency Planning and
Radiation Information:**

U.S. Nuclear Regulatory Commission
www.nrc.gov

Federal Emergency Management Agency
www.fema.gov

NYS Office of Emergency Management
www.dhSES.ny.gov/oem

NYS Department of Health
www.health.ny.gov

American Red Cross
www.redcross.org

Orange County
www.orangecountygov.com

Rockland County
www.rocklandgov.com

Putnam County
www.putnamcountyny.gov/indianpoint

Westchester County
www.westchestergov.com

Joint Information Center
www.nyalert.gov

Indian Point Energy Center
www.safesecurevital.com

For non-emergency information call:

**Orange County Department
of Emergency Services**
845-615-0400

**Putnam County Bureau
of Emergency Services**
845-808-4000

**Westchester County Office
of Emergency Management**
914-864-5450

**Rockland County Office of Fire
and Emergency Services**
845-364-8800

**New York State Disaster
Preparedness Commission**
518-292-2311

To Report a Fire, Prevent a Crime or Save a Life Dial 9-1-1

What is 9-1-1?

9-1-1 is the universal emergency telephone number designed to give citizens an easy to remember number when they need the assistance of the Police, Fire, or Ambulance (EMS) Services in an emergency.

How Do I Use 9-1-1?

When you have an emergency, remain calm and dial 9-1-1. When the call taker answers, tell them what your emergency is, location of the emergency, your name and call back phone number. Don't hang up until the call taker tells you to.

When Should I Dial 9-1-1?

You should only dial 9-1-1 in an emergency. A good rule to remember is dial 9-1-1 to:

SAVE A LIFE • PREVENT A CRIME • REPORT A FIRE



Before An Emergency Happens

An emergency, be it a natural disaster such as a flood, winter storm, power outage or a terrorist attack, can occur quickly and without warning. Although we cannot prevent emergencies in Orange County, there are two simple things you can do now to help prepare:

- Develop an emergency plan and
- Prepare a portable **“Go-Bag”** of emergency supplies that can be used at home or at work

Refer to the guide on the back of the attached map or call the

Orange County Department of Emergency Services
for further assistance, **845-615-0400**.

My Emergency Plan

Keep a copy of your emergency plan information in your car, briefcase or purse. Photocopy as needed for additional family members.

Emergency Alert System (EAS) stations:

AM radio _____

FM radio _____

TV _____

Reception Center _____

Recommended route to get to my Reception Center is

Emergency bus stop is located at _____

Child's name	School Reception Center
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

My family's KI is stored at _____

Expiration Date: _____

Emergency contact phone number _____

Meeting place _____

Phone _____

How are emergencies at nuclear power plants classified?



The federal government established four classifications for emergencies at nuclear power plants. In order from the least to most serious, they are:

> An **UNUSUAL EVENT** indicates a potential problem with the operation of the plant. Officials are notified, but no public action is necessary.

> An **ALERT** indicates an event that could reduce the plant's level of safety. Any release of radioactivity would be a small fraction of the federal guidelines. Residents should monitor the situation on television or radio.

> A **SITE AREA EMERGENCY** indicates a problem that substantially reduces the plant's level of safety. Releases of radioactivity outside the plant site would not be expected to exceed federal guidelines. Residents should monitor the situation on television or radio.

> A **GENERAL EMERGENCY** indicates a problem affecting safety systems in the plant that could lead to a release of radiation that would exceed the federal guidelines outside the plant. Protective actions may be ordered for some areas. Residents should monitor the situation on television or radio.

ORANGE COUNTY

Protective Action Areas

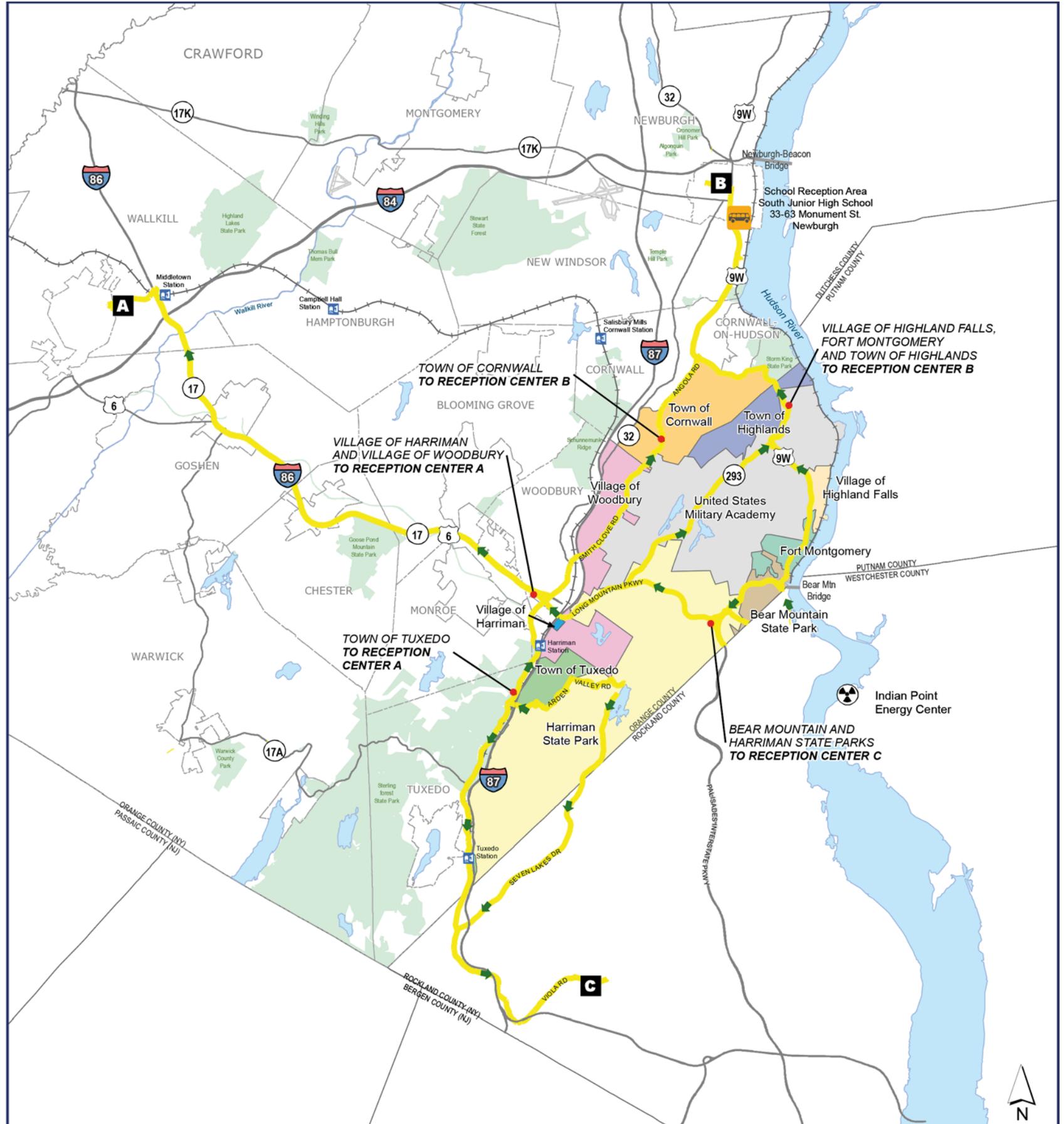
-  Town of Highlands
-  Village of Fort Montgomery
-  Bear Mountain State Park
-  Harriman State Park
-  West Point Military Reservation
-  Village of Highland Falls
-  Village of Harriman
-  Town of Cornwall
-  Village of Woodbury
-  Town of Tuxedo

Reception Centers

- A** **Middletown High School**
20 Gardner Ave. Ext
Middletown, NY
- B** **Newburgh Free Academy**
201 Fullerton Ave.
Newburgh, NY
- C** **Suffern High School**
49 Viola Rd
Suffern, NY

Map Legend

-  State Route
-  Federal Highway
-  Interstate
-  Rail Stations
-  Railroads
-  Municipal Boundaries
-  Water Bodies
-  Park Land
- School Reception Center**
-  School Reception Center at South Junior High School
- Nuclear Plant**
-  Indian Point Energy Center



Advance Registration Card for People with Special Needs - 2016/2017

If you require assistance in an emergency, please fill out this questionnaire and mail it back to us. Your cooperation will help us in making proper arrangements if it becomes necessary for you to be evacuated during an emergency of any kind. If you have any questions please contact the Orange County Emergency Services Center at 845-615-0400.

Please print

Name	<input type="checkbox"/> Mr.	<input type="checkbox"/> Mrs.	<input type="checkbox"/> Miss/Ms.	Date of Birth
Address, including apartment number, building, floor				
City, ZIP+4				
Telephone (Home)		Cell Phone		
Primary Disability(ies)				
Secondary Disability(ies)				

FOLD HERE

FOLD HERE

Name and phone number of a local relative or person who lives near you who should be contacted in an emergency:

Name	<input type="checkbox"/> Mr.	<input type="checkbox"/> Mrs.	<input type="checkbox"/> Miss/Ms.	
Address				
City				
Telephone		Relationship:		
2nd Telephone		<input type="checkbox"/> Family	<input type="checkbox"/> Neighbor	<input type="checkbox"/> Friend

ASSISTIVE EQUIPMENT USED:

- Cane(s) Walker Oxygen Other
 Crutches Guide dog Respirator
 Wheelchair Hospital Bed Electric wheelchair

Are you Blind or Partially sighted?

Are you deaf/hearing impaired? Yes No

If yes, do you have TTD/TTY? Yes No

Please send additional cards for other persons with special needs in my household.

This information is released for emergency planning use by Orange County.

Are you completely bedridden? Yes No

If not, do you have your own transportation? Yes No

If not, can you obtain a ride with a nearby person (relative, neighbor or friend)? Yes No

If not, can you get from your house to a bus stop unassisted? Yes No

Please detach and mail this card. This questionnaire must be completed each time you receive a booklet on emergency planning to assure that we have up-to-date information on your needs.

Signature _____

DEPARTMENT OF EMERGENCY SERVICES
 ORANGE COUNTY EMERGENCY SERVICES CENTER
 22 Wells Farm Road
 Goshen, NY 10924