

## A Guide for You and Your Family

**In the event of an emergency at the Indian Point nuclear power plant, this booklet will help you and your family stay safe.**

**If you live or work in the communities listed below, this booklet is for YOU.**

**City of Peekskill**

**Verplanck**

**Montrose**

**Village of Buchanan**

**Town of Cortlandt**

**Village of Croton-on-Hudson**

**Town and Village of Ossining**

**Village of Briarcliff Manor**

**Town of New Castle, west of Hardscrabble Rd**

**Town of Yorktown**

**The Town of Somers, west of Rte. 118 and Wood St.**

Read and keep this **IMPORTANT** booklet handy.

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# Step-by-Step Emergency Planning

As you read this booklet, you'll be asked to write in your family's own emergency information.

At the end of this step-by-step process, you will have gathered together important information that will keep you and your family safe in an emergency.

## A Guide for You and Your Family

Indian Point is a nuclear power energy generation facility, located in Buchanan, New York. It is owned and operated by Entergy Nuclear. The plant is on the east bank of the Hudson River in Westchester County, close to portions of Rockland, Putnam and Orange Counties.

Emergency planners in Westchester are well-trained and equipped to protect the public in the event of an emergency. For Indian Point, they have developed a comprehensive emergency plan, in cooperation with emergency planners from the other three counties, New York State and Entergy Nuclear. The Plan includes information and procedures for protecting the public in a wide range of possible nuclear emergencies.

Part of the emergency plan includes communicating with the public. The information in this booklet is for you, the people in the communities close to Indian Point. Emergency planners want people to have this information because it will help keep you safe in the unlikely event of an emergency at Indian Point.

**You should read this booklet carefully, well in advance of any potential emergency. Discuss it with your family, fill in your family's information, and keep this booklet in a safe place for future reference.**

1  
2  
3  
4  
5

You'll find much of the information you need on the large map located in the back of this booklet.



# Community Emergency Planning Glossary

## **EAS-Emergency Alert System**—

Specially designated radio and TV stations that will broadcast safety information in the event of an emergency.

**EAS stations are listed on the opposite page.**

## **Emergency Sirens**—

There are sirens placed within the 10-mile radius of Indian Point. In the event of an emergency at Indian Point the sirens would sound continuously for 3-5 minutes.

## **EPZ—Emergency Planning Zone**—

The area designated by the federal government within a 10-mile radius of a nuclear power plant for which plans have been put in place to protect people in the event of a radiological emergency.

## **Evacuation**—

A protective action intended to prevent or reduce exposure to radioactive materials. In an evacuation, you would be instructed to leave your home and go outside of the Emergency Planning Zone to the home of a relative or friend or to a General Population Reception Center. General Population Reception Centers are identified on the map in the back of this booklet.

## **General Population Reception Center**—

A location outside of the Emergency Planning Zone (EPZ) where people who have evacuated can go. **You can find your General Population Reception Center on the map at the end of this booklet.** At the General Population Reception Centers, evacuees would receive initial assistance, including monitoring or screening of persons for radioactive contamination, receive KI-potassium iodide, first aid or directions either to a place to stay or a medical facility.

**Incident Levels**—The federal government has designated four classifications for incidents at nuclear power plants. Each classification corresponds to the degree of seriousness of an incident. See page 13 for details.

**KI**—The chemical symbol for a drug called potassium iodide. KI-potassium iodide comes in the form of tablets and liquid. KI protects only the thyroid gland from just one kind of radiation—radioactive iodide. It can be obtained through your county and kept on hand in your home. KI is also available over the counter (without a prescription) at local pharmacies. In the event of a nuclear emergency, you could be instructed to swallow a KI-potassium iodide tablet. It should be taken only when directed by public officials.

**Protective Action**—Any action taken to protect the public's health in response to an emergency. Protective actions in a radiological emergency could include sheltering in place (staying indoors), evacuating the area and/or swallowing KI-potassium iodide.

**Radiological Emergency**—an emergency where radioactive materials in significant concentrations escape into the environment. If the concentrations of the materials are high enough, they could be dangerous to health.

**Radioactive Release**—Introduction or leak of any radioactive materials into the environment.

## **School Reception Centers**—

Schools outside of the Emergency Planning Zone where school children are relocated during a radiological emergency. If children are in school during an incident, at the first indication of a problem, they will be taken by bus to a School Reception Center as a precautionary action. Your children will be cared for at these Centers. You can find your children's School Reception Centers on the map at the end of this booklet.

**Sheltering**—Also called "Sheltering-in-place." This is a protective action in which you are instructed to stay indoors with windows and doors tightly shut and all ventilation systems turned off. Under certain circumstances, it is the better way to limit exposure to radioactive materials.

# How will I know if there's an emergency at Indian Point?

## Siren alerts

If there is a problem at Indian Point that may require people to take action, your county executive—in partnership with other county executives and New York State officials might sound emergency sirens. These special sirens are located throughout the 10-mile radius around Indian Point known as the Emergency Planning Zone or EPZ. (pg 2)

**In an emergency, the sirens would sound continuously for 3-to-5 minutes.**

**The sirens are not a signal to evacuate. They are a signal to turn on your radio or television and tune to an Emergency Alert System (EAS) station near you. EAS stations are listed below. The EAS stations will broadcast the nature of the emergency and what you should do. Again, sirens are not a signal to evacuate.**

**The Federal government has assigned four different categories for emergencies at plants such as Indian Point.** These categories vary depending on the level of severity and the potential impact to the public. See page 13 for more information on the four different levels of possible incidents at Indian Point.

**Siren Testing:** The sirens are tested periodically throughout the year to ensure they will work in the event of an emergency. Siren tests are announced in advance through local news media.

## Tune in for information

If you hear the emergency sirens, tune in your radio and 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 Stations

AM Radio	FM Radio	Television
WFAN 660	WRRV 92.7	WCBS Ch 2
WABC 770	WHUD 100.7	WNBC Ch 4
WCBS 880	WFAS 103.9	WNYW Ch 5
WFAS 1230		WABC Ch 7
WALL 1340		
WLNA 1420		

Emergency information could also be carried on the following stations:

AM Radio	FM Radio	Television
WRKL 910	WNEW 102.7	NEWS 12 HUDSON VALLEY
WTBQ 1110	WGNY 103.1	
WRCR 1300	WXPX 107.1	
WINS 1010		
WQBN 1640		

# step

# 1

Emergency Alert System (EAS) stations listed at left would be broadcasting further safety information. Find out which EAS stations work best for you and record those stations below.

**My Emergency Alert Stations:**

**AM Radio** \_\_\_\_\_

**FM Radio** \_\_\_\_\_

**TV** \_\_\_\_\_

Enter this information here, and then on the Emergency Plan Summary, page 16.

# What is the Emergency Planning Zone (EPZ)?



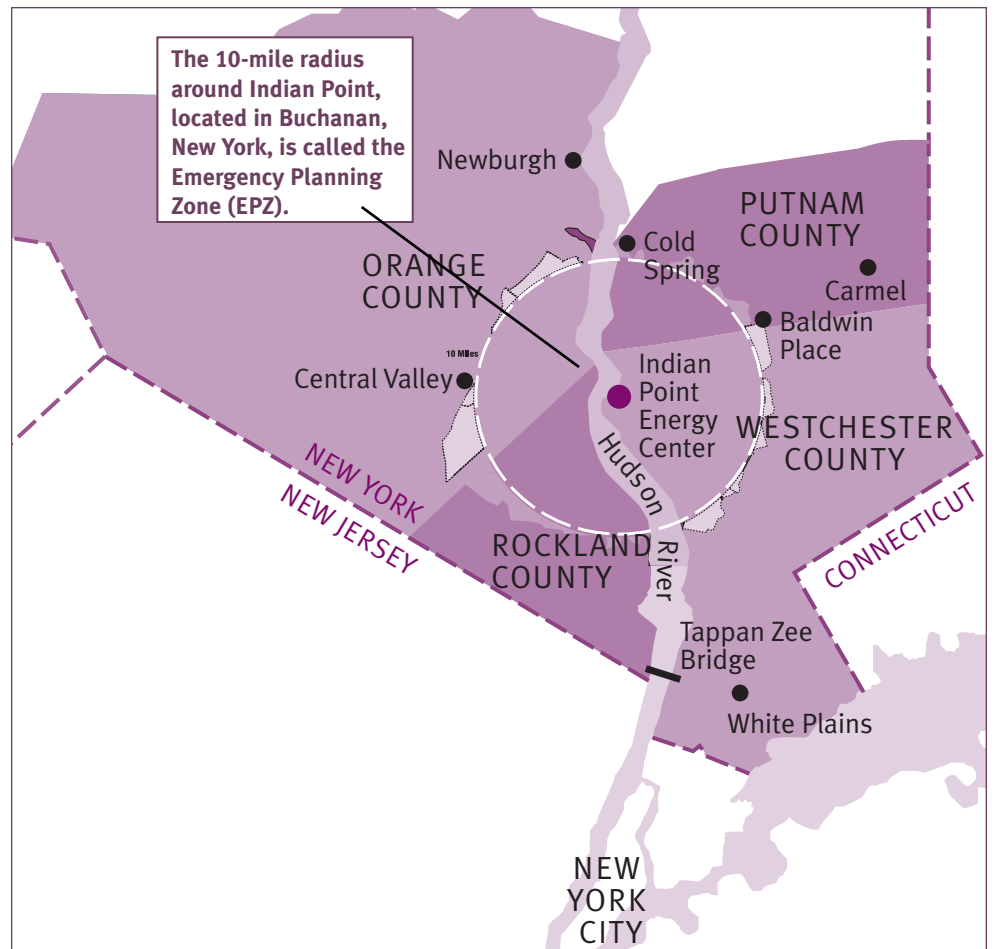
"Evacuating residents safely would be a major challenge during an emergency at Indian Point. That is why it is important that you know the evacuation routes in this guide. If you don't have a car, take some time to familiarize yourself with the emergency bus routes for your area. Plan now so you and your family are ready for an emergency."

**Lawrence C. Salley**  
*Commissioner*  
*Westchester County Department of Transportation*

The community emergency planning described in this booklet is for the area within a 10-mile radius of Indian Point, known as the Emergency Planning Zone (EPZ). The federal government set the 10-mile radius as the area requiring emergency plans for protecting health and safety in radiological emergencies.

An emergency at Indian Point could mean that radioactive materials either escaped or could possibly escape from the plant. The goal of emergency planners is to prevent or limit people's exposure to the radioactive materials.

**If you live or work in the communities listed below, this booklet is for YOU.**



# How will I know if my area is affected during an emergency at Indian Point?

This booklet has been mailed to you because your home or workplace is located in the 10-mile Emergency Planning Zone (EPZ) around the Indian Point Energy Center (see the detailed map in this booklet).

In an effort to communicate more clearly during an emergency, the county has implemented changes that will make it easy for you to understand and follow directions. Now, if there is an emergency, you will be given instructions based on your municipality.

Emergency instructions broadcast on EAS radio and television stations during an emergency will tell you what communities need to take protective actions. To find out how far you are from Indian Point and also if you live or work in an area that would be affected in an Indian Point emergency, log on to [www.westchestergov.com/keepingsafe.htm](http://www.westchestergov.com/keepingsafe.htm) and click on "Indian Point".

The screenshot shows the Westchester County website's "Emergency Planning" page. At the top, the Westchester County logo and navigation links (SEARCH, FAQs, COMMENTS, DEPARTMENTS, TEXT, SUBSCRIBE) are visible. Below the navigation bar, there are tabs for NEWS, EVENTS, SERVICES, and PEOPLE. The main content area features a large banner with the text "keeping SAFE" and a background image of a person in a hard hat. Below the banner, there is a breadcrumb trail: Home > Services > Keeping Safe > Indian Point > Emergency Planning. The page is titled "Emergency Planning" and contains several sections: "What Happens in an Emergency?", "Having a Go Bag", "Siren Alert System", "What is an Emergency Planning Zone?", "Protecting Children", and "Potassium Iodide". On the right side, there is a sidebar with links to "Westchester TV", "Library of Publications", "Indian Point Plan", "Indian Point Plan español", "Community Emergency Planning", and "PLANIFICACIÓN DE EMERGENCIA comunitaria para Indian Point". Below the sidebar, there is a "Indian Point" menu with links to "Emergency Planning", "Relicensing", "Latest News", "Sirens", and "Other Resources".

# What is a protective action and what should I do if my community is directed to take protective action?

If there were an emergency at Indian Point, officials might sound the emergency sirens and then use the Emergency Alert System (EAS) to broadcast instructions for people to take “protective actions”. A protective action could direct people in certain communities to stay inside behind closed windows and doors. This action is called “shelter-in-place.” Or people could be directed to leave their community and go to a place outside the Emergency Planning Zone.

## Staying indoors – “shelter-in-place”

Sheltering-in-place with windows and doors closed and outside air vents shut can be an effective protective action in certain instances during a radiation release. This action may be recommended when there is a brief release of radiation from the Indian Point Center. Wind and weather conditions could cause the radiation to pass through the area very quickly. In this scenario, sheltering-in-place inside would provide better protection than driving away in a car. See the box below for shelter instructions.

Sheltering-in-place may also be the preferred action in cases where bad weather (for example a snowstorm), prevents efficient evacuation. Again, if you hear the emergency sirens, turn on your radio or TV to receive EAS messages with further instructions.

step

2

Find your home’s General Population Reception Center on the large map in the back of this booklet and record its name and address here.

My General Population Reception Center is number \_\_\_\_\_

It is located at

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Enter this information here, and then on the Emergency Plan Summary, page 16.

## Shelter-in-place instructions

If you are instructed to remain indoors (“shelter-in-place”) because of an emergency, you should:

- Keep family and pets inside.
- Close all windows and doors.
- Turn off heaters, air conditioners and any other ventilation systems.
- Extinguish fires in fireplaces and close dampers.
- Stay tuned to the Emergency Alert System (EAS) stations.
- Avoid using telephones, including cell phones, to prevent overloading the system and interfering with emergency use.

## Evacuation

Evacuation is another protective action. After evaluating information about the emergency at Indian Point, county officials may direct people in some areas to evacuate and leave the area. The order to evacuate would be given by public safety officials after evaluating information about the emergency at Indian Point Plants. The order to evacuate would be given through EAS broadcasts on radio or TV.

People who are directed to evacuate who do not have a relative or friend that they can go to can go to a General Population Reception Center. These centers are located in schools outside the Emergency Planning Zone (EPZ).

At these centers, people will be screened for possible radiological contamination, and be “decontaminated” if necessary. Safety and public health officials will be present at each Center and food, medical attention, information about places to stay, and other services will also be available. The Centers corresponding to your area are found on the detailed map in this booklet.

Please follow directions carefully, if your area is being evacuated, Public officials make every effort to allow sufficient time to safely evacuate an area before there is danger of exposure to radiation. If you are told to evacuate, you should have enough time to gather enough personal supplies for three to five days away from home. Consider taking things such as clothing, medication, baby supplies, money and important papers. The checklist on Page 15, can help you plan these supplies.

### Evacuation instructions

If you are instructed to evacuate because of an emergency, you should:

- Be certain that your area is one being ordered to evacuate. Do not evacuate unnecessarily.
- If your area is being evacuated, you should arrange to leave as soon as possible by car or by emergency bus. Keep your radio on and your car windows closed and use only re-circulating air conditioning or ventilation if your car is so equipped.
- Refer to the Evacuation Supplies checklist on page 15 for items to help determine what you should bring with you during an evacuation. If you have children in school, they will probably have already been relocated by school authorities. You can pick them up at their School Reception Center which is shown on the map in the back of this booklet.
- Evacuate to a location outside of the EPZ, using the most timely route to stay with a friend or relative. If not, go to a General Population Reception Center which is shown on the map in this booklet. Recommended evacuation routes to the General Population Reception Centers are listed below.
- Taking KI is also a protective action that may be ordered. When people are instructed by public officials to evacuate, they will also be instructed to swallow a dose of “KI.” KI is potassium iodide, an over-the-counter drug that can protect only one part of your body—your thyroid—from only one type of radiation, radioactive iodine. Please see page 8 for more details.

Please see the “Evacuation Supplies Checklist” on page 15 and evacuation route information at the end of this booklet.

### EMERGENCY BUSES

If you do not own a car, free emergency buses will pick you up along bus routes located near your home. The buses will take you to your General Population Reception Center. Emergency bus routes closest to you are identified on the back of the enclosed map. You will be notified by TV or radio when pickups will begin.

step

3

Study the suggested routes to your Reception Center on the large map in the back of this booklet and write down the route here. Note your bus stop as well.

My route:

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My emergency bus stop (should I need one):

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Enter this information here, and then on the Emergency Plan Summary, page 16.

# What happens if there is an emergency and my children are in school?



## Relocation of schoolchildren to School Reception Centers

An emergency could, of course, occur at any time of the day or night. It could happen during hours when your children are in school. County officials working closely with safety experts from New York State, other counties and school districts, have developed plans for relocating schoolchildren in an Indian Point emergency.

**As a precautionary measure**, officials plan to relocate students well in advance of a serious emergency. Relocating schoolchildren is not indicative that a radiological release has occurred, or is even likely to occur. In fact relocating schoolchildren does not mean an evacuation of the area has been ordered or is likely to be ordered.

Students would be taken with their teachers by bus to School Reception Centers located outside the EPZ. Children would then be registered and will stay at the School Reception Center, under the care of their teachers, until parents are able to pick them up.

If the need for food and extended shelter becomes necessary before parents arrive, children may be moved to a General Population Reception Center. In that case, they would remain in the care of teachers, and parents would be notified through the media.

School staff are trained annually on emergency relocation procedures, should relocation be needed. Parents should be confident that their children are safe and secure with the same staff that cares for them while in school.

**Parental pick-up.** Many schools have plans in place to allow parents to pick up their children before they are relocated to a School Reception Center. Check with the principal at your children's schools to see if they have such plans.

**Your children's school and the corresponding School Reception Center is shown on the detailed map in this booklet.**

**Officials will use TV and radio broadcasts to keep you informed about school relocations.**

step

4

Locate your children's School Reception Centers on the large detailed map in this booklet.

**My children's School Reception Centers are:**

CHILD'S NAME	SCHOOL RECEPTION CENTER
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Enter this information here, and then on the Emergency Plan Summary, page 16.

## If your child's school is relocated

- If your children attend different schools, they may, in a few cases, be sent to different School Reception Centers located close to each other. Check the map to see where each of your children will be relocated to. Don't worry if you can't immediately pick up your children for any reason. They will be cared for at the School Reception Center or ultimately at a General Population Reception Center. Remember the relocation of schoolchildren will be done as a precautionary action well in advance of a real emergency at Indian Point
- Please **Remember: School Reception Centers are not the same as General Population Reception Centers.** Both types of centers are shown with their own separate symbols in the legend of the large detailed map in this booklet.
- School Reception Centers will be used only if students need to be relocated during school hours.
- If your child or children are in daycare, nursery school, after school programs or other settings located within the EPZ, check with their daycare provider on emergency plans for their location.

## important

- Relocation is a precautionary action. Emergency officials would make the decision to relocate children quickly in order to get schoolchildren safely out of the way of any potential danger.
- Check with your child's school to learn more about relocation planning.
- If parents would like to authorize another person to pick up their children—a grandparent or baby sitter, for example—they should contact their child's school at their earliest convenience. They must follow that school's procedures for formally identifying the person who would pick up their child.

# How can KI-potassium iodide protect me and my family, and how do I obtain it?

## OBTAIN KI-POTASSIUM IODIDE FOR YOUR FAMILY FREE OF CHARGE

- Contact Westchester County's Office of Emergency Management by calling 1-800-942-1452.
- KI-potassium iodide is also available for purchase at many pharmacies.
- Most schools in the Emergency Planing Zone (EPZ) have a supply of KI. Check with your school administrator to be sure.

step

5

Obtain KI-potassium iodide for you and your family (see above).

My family's KI-potassium iodide is stored in this location:

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Enter this information here, and then on the Emergency Plan Summary, page 16.

Potassium Iodide, known by its chemical symbol KI, is an over-the-counter medication. In the event of a serious nuclear plant emergency, KI has safety value as a supplement to sheltering-in-place and evacuation. It reduces the risk of thyroid cancer from exposure to radioactive iodine. Radioactive iodine could be among the materials released in a severe emergency. KI protects only the thyroid gland from exposure to radioactive iodine. It does not protect any other part of your body, and it does not protect you from other forms of radiation.

## When do I take KI-potassium iodide and how much do I swallow?

Public health authorities will advise the public through the media when they should take KI and what dose adults and children should swallow. **Listen to your Emergency Alert Stations (EAS) for instructions about KI.**

**If you are told to swallow KI and evacuate, but you do not have KI, just evacuate. In an emergency, KI will be distributed at the Southbound Rest Area off Interstate 684 located in the Town of Bedford and also at the Rockefeller State Park on Rt. 117 in Pocantico Hills. If necessary, KI will also be available at your General Population Reception Center.**

One KI-potassium iodide tablet protects the thyroid gland from radioactive iodide for approximately 24 hours. It is most effective if taken immediately prior to exposure, as directed. However, thyroid protection can still be achieved by swallowing a KI-potassium iodide tablet up to six hours after radiation exposure.

Westchester County has KI available free of charge to people and places of business within the 10-mile EPZ. The state Department of Education has also made KI available to schools within the ten mile EPZ. Most communities in the EPZ also have KI for distribution to the public. Contact your local town, village or city hall, or call the Westchester County's Office of Emergency Services at 1-800-942-1452 to learn how to get KI to have on hand should an emergency occur.

## Public KI Distribution Sites:

**Potassium Iodide (KI) Pills are available in the following municipal centers located within the 10-mile Emergency Planing Zone**

**Westchester County**  
**Department of Emergency Services**  
Main Office, 231-1850  
4-Dana Road, Grasslands Reservation  
**Village of Briarcliff**  
Municipal Building  
1111 Pleasantville Rd., Briarcliff Manor  
**Village of Croton-on-Hudson**  
Municipal Building  
1 Van Wyck St., Croton-on-Hudson  
**Town of New Castle**  
Town Clerks Office, Town Hall  
200 Greely Ave., Chappaqua

**Town and Village of Ossining**  
Community Center  
95 Broadway, Ossining  
**Town of Somers**  
Supervisors Office, Town Hall  
335 Route 202, Somers  
**City of Peekskill**  
Office of Emergency Management  
4 Nelson Avenue, Peekskill  
Call ahead, 862-1020  
**Town of Yorktown**  
Community and Cultural Center  
974 Commerce Street

# Other Emergency Information

## Planning for people with special needs

If there is a need for an evacuation, the County has plans in place to pick up and transport people with special needs who have no other means of transportation. Special needs could include a walking disability, sight or hearing impairment, or need for specialized medical equipment or transportation. People with special needs would be taken to General Population Reception Centers or other facilities.

It should be noted that nursing homes, hospitals, hospices, etc., within the EPZ have included emergency procedures in their emergency plans. Staff is trained in these procedures to keep these people safe in the event of an emergency. Residents of such facilities would be transported to host facilities outside the EPZ.

**If you have special needs, please fill out the registration card in the back of 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.**

## Protecting your pets

If you are directed to evacuate, you will want to take your pets with you. However, pets will not be permitted inside General Population Reception Centers (except service animals such as seeing-eye dogs). Pet owners are encouraged to make a list of places that would accept their pets in an emergency, such as boarding kennels, or friends and relatives outside the EPZ.

The county is working to develop limited emergency kennel space at the Westchester Community College. 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 will be available to assist owners with pet care and feeding. Please be mindful that space at this location is limited, so we encourage everyone to make other plans for their pets before the emergency. For more information on disaster preparedness for your pets or livestock, visit The Humane Society of the United States Disaster Center website at [www.hsus.org/hsus\\_field/hsus\\_disaster\\_center/resources/](http://www.hsus.org/hsus_field/hsus_disaster_center/resources/).

If you have livestock or agricultural products, useful information is available on the New York State Emergency Management Office's website at [nysemo.state.ny.us](http://nysemo.state.ny.us) or by calling 518-292-2312 and asking for the brochure "Radiological Emergency Information for the Agricultural Community."



"The County Executive, the heads of all County departments, local elected officials and officials from fire, police, and EMS agencies have developed and practiced a comprehensive plan for responding to an emergency at Indian Point. That is why it is important for everyone to listen and follow the directions from public officials during an emergency. This booklet has been prepared to help residents become familiar with emergency plans and to become personally involved by carefully following the five-step process to prepare them and their families for an emergency at Indian Point."

**Anthony W. Sutton**  
*Commissioner*  
*Westchester County Department*  
*of Emergency Services*

1 2 3 4 5  
**now**

**If you haven't already done so, transfer all the information you entered in the numbered boxes to the Emergency Plan Summary on page 16.**

## Questions and answers

### *How do government officials make decisions during an emergency at Indian Point?*

State and county emergency planners, supported by hundreds of highly trained safety experts, police, firefighters and other first responders have developed extensive procedures for an emergency that might occur at Indian Point.

If an emergency were to occur, the county executives in the four counties surrounding Indian Point (Westchester, Rockland, Putnam and Orange) would receive information directly from the nuclear plant, as well as from county and state emergency staff and New York State health officials. During an emergency, the county executives maintain continuous communication with each other and with state and federal officials

Together, government officials would decide what protective actions, if any, the public should take. Their decisions and instructions would be communicated to the public through the Emergency Alert System (EAS) broadcasts as well as through other news media.



Emergency planners, representing all Westchester County departments, gather for a practice drill.

### *Why would we be directed to “shelter-in-place” in some situations and evacuate in others?*

Shelter-in-place and evacuation are two possible protective actions that you may be instructed to take during an emergency. The goal of protective actions is to minimize the public’s exposure to a radiological release. Elected officials will decide what specific protective actions are best for the public to take. They consider a wide range of expert advice and information, including data on the amount and duration of the release, wind direction and weather conditions. The actions of sheltering-in-place or evacuation each have advantages depending upon the situation.

### *How could an evacuation succeed when traffic often doesn’t move even during rush hour?*

If there is an emergency, there is likely to be heavy traffic leaving the area. Police and other emergency personnel are trained in traffic control—they will do what is needed to keep traffic moving in any emergency. In addition, traffic control points staffed by law enforcement personnel and fuel and towing services are planned along main evacuation routes to promote traffic flow.

### *Would all Areas be evacuated at the same time?*

In most instances, only people living in specific areas would be told to evacuate. Therefore, it is most important for people to follow directions from public officials carefully to ensure a successful evacuation

**Because of road conditions and population density it is vital that people do not evacuate unless they are instructed to. Unnecessary evacuation could cause greater congestion on the roads and put people in those areas that are being instructed to leave at risk.**

# Questions and answers

## ***What Is radiation?***

Radiation is energy, such as heat, light and radio waves, that moves at high speed through space or matter. One type of radiation is produced by so-called radioactive materials.

At every one of our country's more than 100 nuclear power plants, every safety precaution is taken to isolate, shield and prevent radioactive materials from escaping to the environment.

## ***How can we measure our exposure to radiation?***

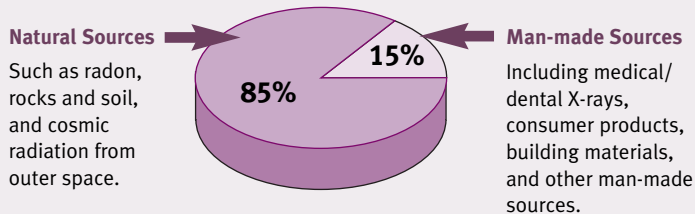
Radiation can be easily measured with various instruments, including Geiger counters. During emergencies, the county dispatches field teams with specialized equipment to measure radiation levels.

## ***Can a nuclear power plant explode like a nuclear bomb?***

No. Radioactive fuel in a nuclear plant has very low levels of the type of element that could cause a nuclear explosion.

All nuclear power plants in the U.S. are designed with containment buildings of concrete and steel. The 1986 accident at Chernobyl, Russia occurred in a nuclear plant that did not have a containment building.

**Sources of Radiation**



**For more information, visit the website of the U.S. Nuclear Regulatory Commission: [www.nrc.gov](http://www.nrc.gov)**

**For any additional questions you may have, please call your county's emergency services office.**

# Safety at Indian Point

Indian Point's two operating generating units have been providing electricity for more than 25 years to the New York metropolitan region.

## Design

The plant is designed with redundant safety features. Redundant safety features mean that if one safety feature were to fail, backup safety systems are in place.

## Staff

The plant is operated by a professional staff that is trained and drilled in emergency procedures. The staff uses technology that can track a release with great accuracy.

## Oversight

Indian Point is overseen by regulators from the US Nuclear Regulatory Commission.

## Security

Three levels of security forces—private security forces, New York Army National Guard as well as state and local police—coordinate security measures at Indian Point. In addition, the plant has direct access to federal law enforcement through the FBI.

**For more information, visit the website of the U.S.**

**Nuclear Regulatory Commission: [www.nrc.gov](http://www.nrc.gov)**



# Different levels of incidents

There are four classifications of nuclear power plant incidents established by the federal government.

Incident Classification	Definition	Siren Activation?	Public Action
Unusual Event	There is a potential problem with operation of the plant. No radiation leak is expected. Federal, state and county officials will be notified immediately.	Sirens unlikely to sound	Likely no action necessary. Information will be provided to news media.
Alert	Something has happened that could reduce the plant's level of safety. A small leak of radiation could occur inside the plant not affecting the public.	Sirens may sound	Indian Point, the counties and the state emergency response centers are fully activated and coordinating their activities. Information will be provided to news media.
Site Area Emergency	A problem has substantially reduced the plant's level of safety, but radioactivity levels outside the plant site are not expected to exceed federal guidelines.	<b>Sirens will likely sound</b>	Indian Point, the counties and the state emergency response centers are fully activated and coordinating their activities. You should monitor the situation on television or radio.
General Emergency	Problems affecting plant safety systems could lead to a release of radioactivity above federal guidelines outside the plant site.	<b>Sirens will sound</b>	Stay tuned to an Emergency Alert System radio or television station to find out if you need to take protective action, such as staying indoors or leaving the area.

## Incident levels could change

It's important to know that an incident at a nuclear power plant could change over a period of hours or days. Plant operators and government emergency planners would be in constant communication with each other. Plant operators may decide to change the classification level of the incident, depending upon the changing situation. The public would be informed of any changes in the incident.

# Resources for emergency planning

## EMERGENCY PLANNING

*Orange County*  
www.orangecountygov.com

*Putnam County*  
www.putnamcountyny.com

*Rockland County*  
www.rocklandgov.com

*Westchester County*  
www.westchestergov.com

*Joint Information Center*  
http://jic.semo.state.ny.us

*New York State Emergency Management Office*  
www.nysemo.state.ny.us

*Federal Emergency Management Agency*  
www.fema.gov

*American Red Cross*  
www.redcross.org

*Department of Homeland Security*  
www.ready.gov

## RADIATION

*Health Physics Society*  
www.hps.org

*U.S. Environmental Protection Agency*  
www.epa.gov

*University of Michigan*  
www.umich.edu/~radinfo/

*New York State Department of Health*  
www.health.state.ny.us/nysdoh/radon/radhlthb.htm

*Center for Disease Control and Prevention*  
www.bt.cdc.gov/radiation/index.asp

*Temple University*  
www.temple.edu/newtechlab/TRACES/rerfset.html

*Radiation Research Foundation*  
dels.nas.edu/nrsb/index.shtml

## NUCLEAR ISSUES

*International Atomic Energy Agency*  
www.iaea.org

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

*U.S. Department of Energy*  
www.energy.gov

*Nuclear Energy Agency*  
www.nea.fr

## RADIATION AND HEALTH

*International Agency for Research on Cancer*  
www.iarc.fr

*National Institutes of Health*  
www.nih.gov

*National Cancer Institute*  
www.nci.nih.gov

*World Health Organization*  
www.who.int/ionizing\_radiation/en

*Radiation Effects Research Foundation*  
www.ref.or.jp

*United Nations Scientific Committee  
on the Effects of Atomic Radiation*  
www.unscear.org

*National Academies of Science*  
www.nationalacademies.org

## FOR NON-EMERGENCY INFORMATION CALL:

*Westchester County Office of Emergency Management*  
1-800-942-1452

*Putnam County Bureau of Emergency Services*  
1-800-942-1457

*Rockland County Office of Fire and Emergency Services*  
1-800-942-1450

*Orange County Department of Emergency Services*  
1-800-942-7136

*New York State Disaster Preparedness Commission*  
1-518-292-2312

# Evacuation supplies checklist

If you are told to evacuate, you should bring enough personal supplies for three days away from home. Check the items you may need, and add any special items that are not listed. If you need help finding a place to stay during an evacuation, people staffing the General Reception Centers will help you.

## MEDICAL ITEMS

- Medicines
- Prescription information (doctor, name of medicine...)
- Eyeglasses or contacts
- Dentures
- Special diet foods
- \_\_\_\_\_
- \_\_\_\_\_

## BABY SUPPLIES

- Baby food
- Formula
- Diapers/baby wipes
- Toys
- \_\_\_\_\_
- \_\_\_\_\_

## CLOTHING

- Clothes for three days
- Shoes
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

## PERSONAL HYGIENE ITEMS

- Shaving items
- Soaps
- Toothbrush/toothpaste
- Sanitary items
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

## MONEY

- Cash
- Checkbook
- Credit cards
- \_\_\_\_\_
- \_\_\_\_\_

## IDENTIFICATION AND IMPORTANT PAPERS

- Drivers license
- Photos of your children
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

## BEDDING

- Two blankets per person or sleeping bags
- \_\_\_\_\_
- \_\_\_\_\_

## MISCELLANEOUS

- Portable radio with spare batteries
- Flashlights with extra batteries
- KI-potassium iodide tablets
- Important phone numbers
- This planning booklet
- Bottled water
- Medical insurance card

## OTHER EMERGENCY ITEMS

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

# Emergency Plan Summary

This summary page is your family’s personal Emergency Plan. Fill out this page carefully with your information. Discuss this booklet with your family and keep it in a safe, easy-to-find place for future reference. **Remember:**

- If you hear emergency sirens sound continuously for 3-5 minutes, turn to your Emergency Alert System (EAS) radio or TV station for further instructions.
- EAS broadcasts may instruct you to stay indoors with windows and doors shut, a protective action called “sheltering-in-place.”
- Or, you may be instructed, depending on where you live, to evacuate. Do not evacuate unless your area is specifically instructed to do so.
- You may be instructed by safety officials on EAS broadcasts to swallow a KI-potassium iodide pill. Know where you have stored your supply, and take it with you if you are evacuated.

	<b>See page</b>
1. My Emergency Alert System (EAS) stations are: AM radio _____ FM radio _____ TV _____	1
2. My General Population Reception Center is _____	3
3. My recommended route to get to my General Population Reception Center is _____ _____ _____	4 5
If I don’t own or have access to a car, I can take an emergency bus to my Reception Center. My emergency bus stop is located at _____	
4. My children’s School Reception Center is Child’s name _____ School Reception Center _____	6
5. I can obtain KI-potassium iodide by calling my county’s Office of Emergency Management at 1-800-942-1452. I keep my supply of KI-potassium iodide (where) _____	8

## Other Information

If an emergency takes place, your family members might not be at home. In case this happens, it may be a good idea to agree on a place outside the EPZ where everyone would meet, such as at a General Population Reception Center or a friend’s or relative’s house outside the EPZ. You should also agree on a “check-in” phone number for the family—a friend or relative who lives outside the area code you’re in. Everyone would call this person to check in with him or her if an emergency occurred.

Our “check-in” phone number is \_\_\_\_\_

If my family is separated in an emergency, we will meet at  
Place \_\_\_\_\_

Phone \_\_\_\_\_

# Emergency Plan Card

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

## If you hear sirens:

- If you hear emergency sirens sound for 3-5 minutes, turn to your Emergency Alert System (EAS) radio or TV station for further instructions.
- EAS broadcasts may instruct you to stay indoors with windows and doors shut, a protective action called “shelter-in-place.”
- Or, you may be instructed, depending on where you live, to evacuate. Do not evacuate unless your area is specifically instructed to do so.
- You may be instructed by safety officials on EAS broadcasts to swallow a KI- potassium iodide tablet.

Emergency Alert System (EAS) stations:

AM radio \_\_\_\_\_ FM radio \_\_\_\_\_ TV \_\_\_\_\_

General Population Reception Center \_\_\_\_\_

Recommended route to get to my Reception Center is

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Emergency bus stop is located at \_\_\_\_\_

\_\_\_\_\_

Child’s name School Reception Center

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

KI-potassium iodide location \_\_\_\_\_

“Check-in” phone number \_\_\_\_\_

Meeting place \_\_\_\_\_

\_\_\_\_\_

Phone \_\_\_\_\_

# Advance Registration Card for People with Special Needs

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 call 914-231-1851.

Please print

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

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: <input type="checkbox"/> Family <input type="checkbox"/> Neighbor <input type="checkbox"/> Friend
2nd Telephone	

## 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

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

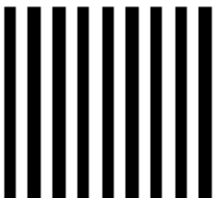
This information is released for emergency planning use by Westchester County.

Signature \_\_\_\_\_

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.



NO POSTAGE  
NECESSARY  
IF MAILED  
IN THE  
UNITED STATES



**BUSINESS REPLY MAIL**

FIRST-CLASS MAIL PERMIT NO. 244 WHITE PLAINS, NY  
POSTAGE WILL BE PAID BY ADDRESSEE

WESTCHESTER COUNTY DEPARTMENT OF  
EMERGENCY SERVICES  
4 DANA ROAD  
VALHALLA NY 10595-1548



Fold Here

Tape here before mailing to secure sides together after folding.  
DO NOT STAPLE

**A MESSAGE FROM COUNTY EXECUTIVE ANDREW SPANO**

Dear Westchester resident:

No matter what your position is on Indian Point, the plant is here and we need to be prepared in case of an emergency. That is why Westchester County has a comprehensive response plan for those who live within 10 miles of the plant that would be put in place if there were ever an incident.

This emergency planning guide outlines what you need to do to protect you and your family. Please take the time to read it carefully and keep it handy. There is also a detachable card to fill in with information specific to your family to help you be better prepared.

Westchester's emergency response plan has been developed by trained professionals with input from hundreds of emergency planners and public safety experts. This year, we made changes that will help you better understand any actions that might be recommended for your area. Now, if there is an emergency, you will be given instructions based on your municipality, rather than a complicated Emergency Planning Area system that did not adhere to municipal boundaries.

As part of our efforts to keep you safe and as informed as possible, you are encouraged to sign up for the county's emergency notification system. Log on to [www.westchestergov.com](http://www.westchestergov.com) for more information.

Sincerely,



Andrew Spano  
Westchester County Executive

WESTCHESTER COUNTY  
OFFICE OF EMERGENCY MANAGEMENT  
200 Bradhurst Ave-Unit 4  
Hawthorne, New York 10532  
[www.westchestergov.com/emergserv/oem](http://www.westchestergov.com/emergserv/oem)

Presorted  
Standard  
U.S. Postage  
**PAID**  
Permit No. 59  
Louisville, KY

**INSIDE: Important safety information on protecting your family**