

EMERGENCY PLANNING FOR THE INDIAN POINT NUCLEAR PLANTS

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

Important information for residents and businesses in:

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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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. Keep this booklet in a safe place for future reference.

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.

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 4 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 Reception Center. Reception Centers are identified on the map in the back of this booklet.

Reception Center—A location outside of the Emergency Planning Zone (EPZ) where people who have evacuated can go. **You can find your Reception Center on the map at the end of this booklet.** At the Reception Center, 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 10 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 or municipality 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, the County Executive may decide to sound the 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)

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

Telephone, Cell Phone and E-Mail Notification

In addition to the siren system, officials may use a number of other state-of-art communications technologies to alert the public. These include high-speed telephone and email alerting services, including the NY Alert system. NY Alert is a statewide system which requires registering. The telephone alerting service allows residents to input additional numbers that are to be contacted in the event of an emergency. Anyone can sign up for NY Alert online at <https://users.nyalert.gov/>

Community Emergency Notification System (CENS)

Westchester County has its own communications system to contact the public directly in case of a large-scale emergency. We can use e-mail, text messaging, and/or phone messages to provide information to you before, during, or after a major disaster. This information might include updates about emergency conditions, what to do or where to go. This added effort is intended to supplement — not replace — information you will receive from television, radio, and other sources. Further, it should not replace individual and family emergency planning. To register for Westchester County emergency alerts, go to <http://www.westchestergov.com/cens.htm>



In an emergency, the sirens would sound continuously for 4 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.

step

1

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	WGNV 103.1	
WRCR 1300	WXPX 107.1	
WINS 1010		
WQBN 1640		

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)?

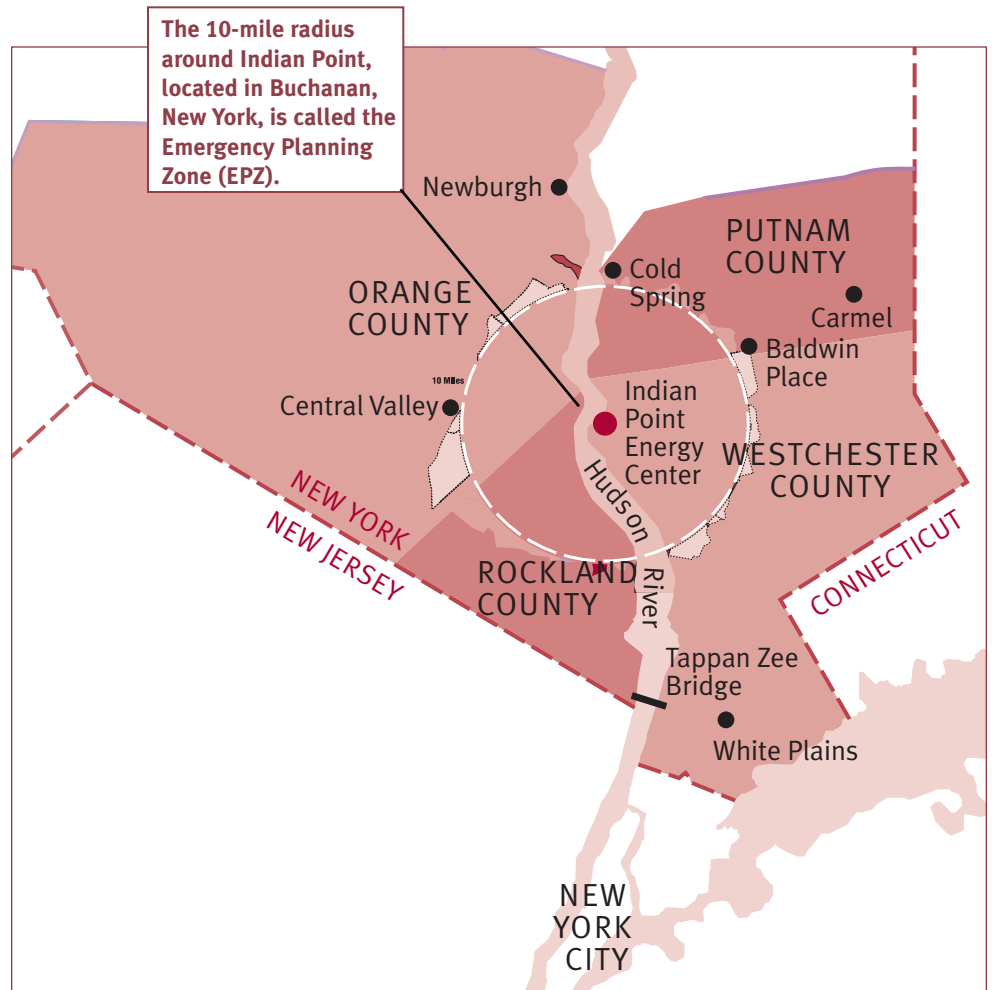


"Evacuating residents safely would be a major challenge during an emergency at Indian Point. That is why it is important that you know the evacuation routes in this guide. If you don't have a car, take some time to familiarize yourself with the emergency bus routes for your area. Plan now so you and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



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).

If there is an emergency, you will be given instructions based on your municipality which will be broadcast on EAS radio and television stations.

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/IndianPoint.

Westchester
gov.com

Westchester County, New York

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EVENTS

SERVICES

PEOPLE

Home > Services > Keeping Safe > Indian Point > Emergency Planning

Emergency Planning

What Happens in an Emergency?

Find out what to do if there were an emergency at Indian Point.

Siren Alert System

Special sirens alert the public if there were an emergency at Indian Point. The sirens are loud, high-pitched alarms which would be sounded for three to five minutes without interruption.

Protecting Children

At the first indication of a potential problem at Indian Point, emergency officials might decide to relocate school children as a precaution.

Having a Go Bag

Put together a "Go Bag" before an emergency. Here is what to include.

What is an Emergency Planning Zone?

The area within a 10-mile radius of the Indian Point power plant is called the Emergency Planning Zone (EPZ). Find out if you live within this area.

Potassium Iodide

What you should know about taking KI

Westchester TV

Library of Publications

Indian Point Plan

Indian Point Plan español

Community Emergency Planning

PLANIFICACIÓN DE EMERGENCIA comunitaria para Indian Point

Indian Point

Emergency Planning

Relicensing

Latest News

Sirens

Other Resources

3

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

Please follow directions carefully. If your area is being evacuated, public officials make every effort to allow sufficient time to evacuate before there is danger of exposure to radiation. You will 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.

step

2

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

My Reception Center is letter_____

It is located at

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

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.

The appropriate actions to be taken will depend on conditions at the plant.

Evacuation

Evacuation is one 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 through EAS broadcasts on radio or TV.

People who are directed to evacuate who do not have another place to go can go to a Reception Center. These centers are located in schools outside the Emergency Planning Zone (EPZ).

Safety and public health officials will be present at each center, 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.

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 recirculating 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. If you do not have another place to go, then go to a Reception Center designated for your area which is shown on the map in this booklet.**
 - **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 medication 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.**

Special instructions if there has been a release of radiation from Indian Point:

County officials will inform you through announcements on radio and TV stations of a release of radiation from Indian Point and the actions you should take. People who have evacuated to stay with friends or relatives or to other locations outside of the EPZ should shower and launder their clothes to remove possible contamination. Washing will effectively eliminate contamination. If necessary, you can go to your designated Reception Center to be monitored for contamination and to be decontaminated.

Staying indoors – “shelter-in-place”

Sheltering-in-place is another protective action option. 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.

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.

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 routes located near your home. The buses will take you to your 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:

My emergency bus stop (should I need one):

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 school children 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 school children in an Indian Point emergency.

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

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 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. 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, 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 public Reception Center. **Remember the relocation of school children 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 public 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 a day care, nursery school, after school programs or other settings located within the EPZ, they are subject to the same emergency procedures as public and private schools. Check with their 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 school children 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 your local municipality**
- **KI-potassium iodide is also available for purchase over the counter at many pharmacies.**
- **Additional questions on KI may be directed to the Westchester County's Office of Emergency Management by calling 1-800-942-1452.**

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.

One KI-potassium iodide tablet protects the thyroid gland from radioactive iodine 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 before an emergency. Contact your local town, village or city hall, or call the Westchester County's Office of Emergency Services to learn how to get KI to have on hand should an emergency occur.

If you previously received KI, check its expiration date. If expired, replace it.

Pre-Emergency KI Distribution Sites:

To have KI in hand as a precautionary measure, Potassium Iodide (KI) pills are available in the following municipal centers located within the 10-mile Emergency Planning Zone:

Village of Briarcliff

Municipal Building
1111 Pleasantville Rd.
Briarcliff Manor
941-4800

Town of Somers

Supervisors Office, Town Hall
335 Route 202, Somers
277-3637

City of Peekskill

Office of Emergency Management
4 Nelson Avenue, Peekskill
Call ahead, 862-1020/862-1424

Town of Yorktown

Community and Cultural Center
974 Commerce Street
962-5758 or John Hart Library
1130 Main Street
245-5262

Village of Croton-on-Hudson

Municipal Building
1 Van Wyck St.
Croton-on-Hudson
271-4781

Town of New Castle

Town Clerks Office, Town Hall
200 Greely Ave., Chappaqua
238-4771

Town and Village of Ossining

Community Center
95 Broadway, Ossining
941-3189

Westchester County

Department of Emergency Services
Main Office
4-Dana Road, Valhalla
231-1850

step
5

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

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

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

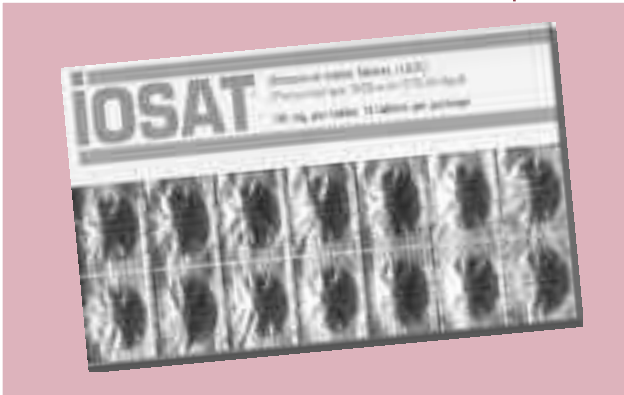
When do I take KI-potassium iodide and how much do I swallow?

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.**

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	1/4
Birth through 1 month	16	1/4	1/4	1/8

If you are told to swallow KI and evacuate, but you do not have KI, just evacuate. Do not go to the sites listed on the previous page. 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. KI will also be available at your Reception Center.



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.	Sirens will likely sound	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.	Sirens will sound	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 so it's important to keep your radio or television on to get the latest news.

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 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 public 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/.

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 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. 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?

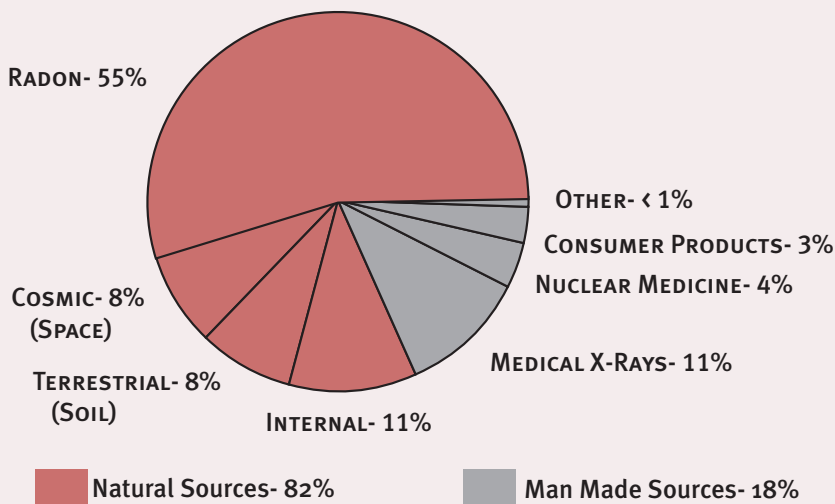
Radiation can be easily measured with various instruments, including Geiger counters. During emergencies, the county dispatches field teams with specialized equipment to measure radiation levels.

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 Exposure
in the United States**



For more information, visit the website of the
U.S. Nuclear Regulatory Commission:
www.nrc.gov

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

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.rerf.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 4 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.

	See page
1. My Emergency Alert System (EAS) stations are: AM radio _____ FM radio _____ TV _____	1
2. My Reception Center is _____	3
3. My recommended route to get to my 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 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 4 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 _____

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: _____

“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:

- | | | | |
|-------------------------------------|---------------------------------------|--|--------------------------------|
| <input type="checkbox"/> Cane(s) | <input type="checkbox"/> Walker | <input type="checkbox"/> Oxygen | <input type="checkbox"/> Other |
| <input type="checkbox"/> Crutches | <input type="checkbox"/> Guide dog | <input type="checkbox"/> Respirator | |
| <input type="checkbox"/> Wheelchair | <input type="checkbox"/> Hospital Bed | <input type="checkbox"/> 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

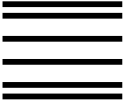
If not, can you get from your house to a bus stop unassisted? ☐ Yes ☐ No

☐ 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

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. If there is an emergency, you will be given instructions based on your municipality.

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 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

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

INSIDE: Important safety information on protecting your family