2016/2017 EPI Emergency Preparedness Information

An important message from the

Emergency Management Agency

Residents of Lake, Geauga and Ashtabula Counties

RESPONSE REQUEST

An important message from the

Emergency Management Agency

October, 2016

DEAR RESIDENT/BUSINESS OWNER:

This brochure contains important information you will need if there is an emergency at the Perry Nuclear Power Plant. That should not happen, but you need to be prepared.

In a Perry Nuclear Power Plant emergency there might be danger from radiation. Too much radiation can be harmful to your health. If a serious accident occurs, you might need to leave the area. Response plans are explained in this brochure.

This information is important – please read it carefully. Discuss it with your family, friends and neighbors. They may need your help, or you may need theirs. If you know someone who is blind, read this brochure to them.

Remember the best way to stay safe in an emergency is to know what to do. Stay calm and help each other. This brochure is designed to help you.

Keep this brochure in a handy place for ready reference. Also, emergency information is in the Lake and Geauga Counties AT&T Directory, the Ashtabula County Windstream Directory, and the Geauga County Windstream Directory.

This emergency preparedness information can also be found on your county emergency management website.

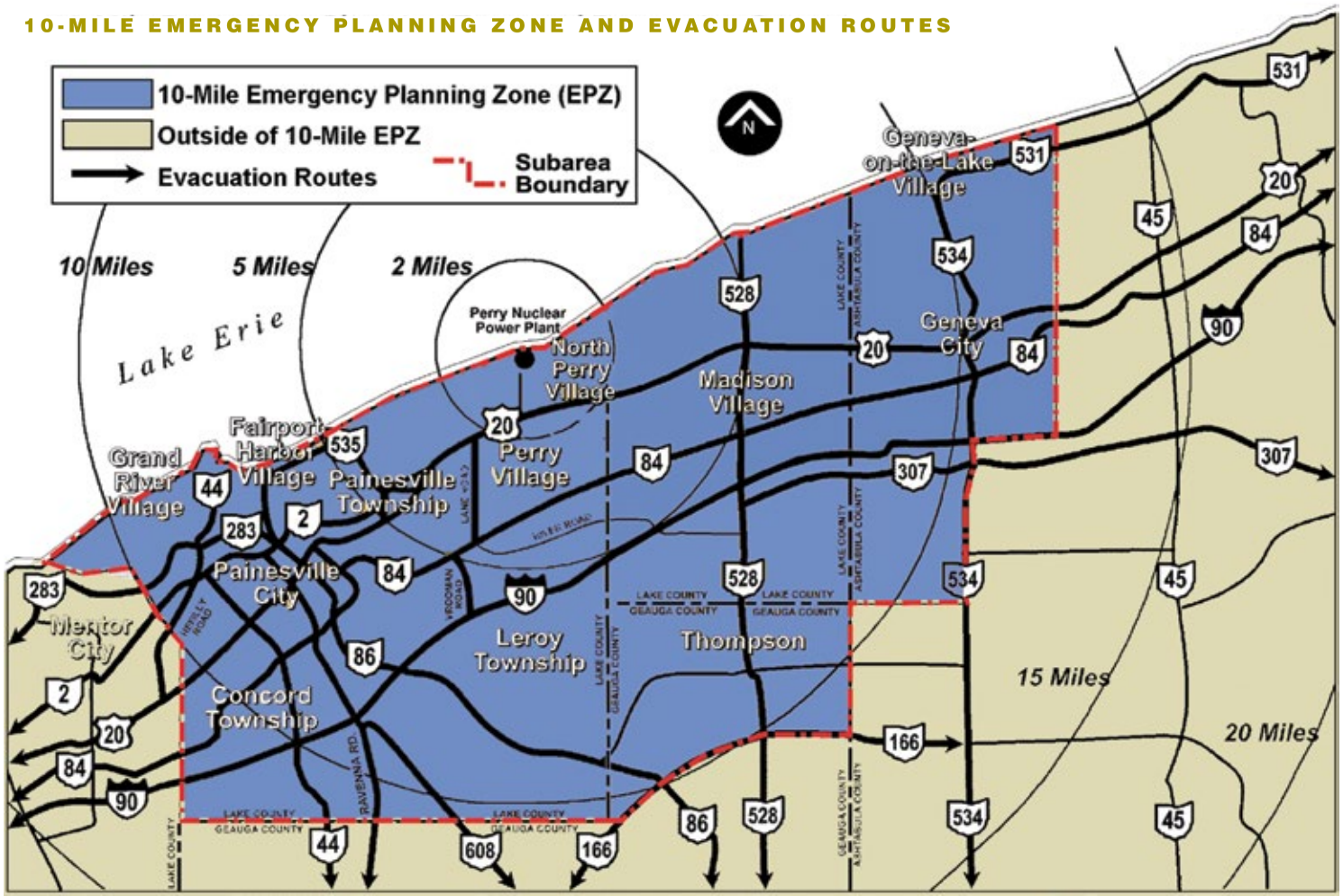
Sincerely,

Larry Greene, Director
Lake County EMA
(440) 350-5499 I www.lakecountyohio.org/ema

Dale Wedge, Director
Geauga County DES
(440) 279-2170 I www.co.geauga.oh.us

Mike Fitchet
Ashtabula County EMA
(440) 576-9148 I www.ashtabulacounty.us

10-MILE EMERGENCY PLANNING ZONE AND EVACUATION ROUTES



Evacuation Information

Relocating and Receiving School Locations
2016/2017 School Year

Complete information is available from your local school district. Children will be cared for at receiving schools until parents come for them. Do not pick-up your child from the school they attend. They will be taken to another school away from the emergency.

POLITICAL SUBDIVISION	CHILD'S SCHOOL	RELOCATING/RECEIVING SCHOOL	ADDRESS
ASHTABULA COUNTY			
GENEVA	Geneva Middle	Jefferson High	207 W. Mulberry St., Jefferson
	Geneva High	Jefferson High	207 W. Mulberry St., Jefferson
	Cork Elementary	Jefferson Elementary	204 W. Mulberry St., Jefferson
	Platt R. Spencer Elementary	A-Tech	1565 St. Rte. 167, Jefferson
LAKE COUNTY			
MADISON	Madison High	Lakeside High	6600 Sanborn Rd., Ashtabula
	Madison Middle	Lakeside Junior High	6620 Sanborn Rd., Ashtabula
	South Elementary	Erie Intermediate	2306 Wade Ave., Ashtabula
	North Elementary	Superior Intermediate	2308 Wade Ave., Ashtabula
	Madison Pre-K	Ontario Primary	2302 Wade Ave., Ashtabula
PERRY	Perry High	Chardon High	151 Chardon Ave., Chardon
	Perry Middle	Chardon Middle	424 North St., Chardon
	Perry Elementary	Chardon High	151 Chardon Ave., Chardon
	New Life Christian Academy	Chardon High	151 Chardon Ave., Chardon
FAIRPORT	Harding High	Kirtland Middle	9152 Chillicothe Rd., Kirtland
	McKinley Elementary	Kirtland Elementary	9140 Chillicothe Rd., Kirtland
MENTOR	Sterling Morton Elementary	Bellflower Elementary	6655 Reynolds Rd., Mentor
	St. Gabriel	St. Mary's Church	8560 Mentor Ave., Mentor
	Dr. Jacqueline A. Hoynes	Lake Elementary	7625 Pinehurst Rd., Mentor
PAINESVILLE CITY	Harvey High	School of Innovation	32500 Chardon Rd, Willoughby Hills
	Heritage Middle	Willoughby Middle	36901 Ridge Rd., Willoughby
	Elm Street Elementary	Eastlake Jefferson Elementary	35980 Lake Shore Blvd., Eastlake
	Maple Elementary	Longfellow Elementary	35200 Stevens Blvd., Eastlake
	Chestnut Elementary	Willoughby Grant Elementary	38281 Hurricane Dr., Willoughby
	Our Shepherd Lutheran	Willoughby Edison Elementary	5288 Karen Isle Dr., Willoughby
	Summit Academy	Willoughby Edison Elementary	5288 Karen Isle Dr., Willoughby
RIVERSIDE	Auburn Career Center	Mentor Ridge Jr. High	7860 Johnnycake Ridge Rd., Mentor
	Riverside High	Mentor High	6477 Center St., Mentor
	J. R. Williams Jr. High	Mentor High	6477 Center St., Mentor
	Henry F. LaMuth Middle	Mentor High	6477 Center St., Mentor
	Leroy Elementary	Andrews-Osborne Academy	38588 Mentor Ave., Willoughby
	Hale Road Elementary	Lake Catholic High	6733 Reynolds Rd., Mentor
	Madison Ave. Elementary	Andrews-Osborne Academy	38588 Mentor Ave., Willoughby
	Hershey Montessori	Bellflower Elementary	6655 Reynolds Rd., Mentor
	Buckeye Elementary	Lake Catholic High	6733 Reynolds Rd., Mentor
	Melridge Elementary	Andrews-Osborne Academy	38588 Mentor Ave., Willoughby
	Clyde C. Hadden Elementary	Lake Catholic High	6733 Reynolds Rd., Mentor

Note: Private and parochial schools are listed under the public school districts where they are located.

Transportation **Pick-Up Points**

PICK-UP POINTS FOR THOSE WHO NEED A RIDE

PICK-UP POINTS IN LAKE COUNTY – If you need a ride during evacuation go to one of these places. You will be picked up there, or call (440) 918-5480

- Township Hall, Concord Twp.
- Concord Plaza Shopping Center, Concord Twp.
- Former St. Anthony's School Building, Fairport Harbor
- Senior Citizen Center, Fairport Harbor
- River Street & Singer Ave., Grand River
- Leroy Elementary School, Leroy Twp.
- Five Points Intersection, Leroy Twp.
- Hidden Lake Metropark, Leroy Twp.
- Vrooman Road & I-90, Leroy Twp.
- Balch Rd & Trask Rd., Leroy Twp.
- Veterans Park, Painesville City
- Salvation Army, Painesville City
- Sterling Morton Elementary School, Mentor
- Cedarbrook School, Painesville City
- Central Branch YMCA, Painesville City
- St. Clair & Hine Ave., Painesville City
- Stage Ave. & Richmond St., Painesville City
- Route 20 & Bacon Rd., Painesville Twp.
- Riverside High School, Painesville Twp.
- Madison Avenue School, Painesville Twp.
- Parking Lot Behind Painesville Shopping Center, Painesville Twp.
- C.C. Hadden School, Painesville Twp.
- Florence Ave. & Route 283, Painesville Twp.
- Main Street & Center Rd., Perry Village
- New Avenues – Perry Home, Perry Twp.
- Perry Community Center
- Outdoor Family Center, Perry Twp.
- Route 20 & Lane Rd., Perry Twp.
- Route 20 & Antioch Rd., North Perry Village
- Perry High School, Perry Village
- Madison Village Square, Madison Village
- Route 20 at Townline Rd., Madison Twp.
- Stewart Lodge, Madison Twp.
- Camp Stigwandish, Madison Twp.
- Lockwood Rd., & McMackin Rd., Madison Twp.
- Green Rd. & Chapel Rd., Madison Twp.
- Hubbard Rd. & Lake Rd., Madison Twp.
- Route 20 & Hubbard Rd., Madison Twp.

PICK-UP POINTS IN ASHTABULA COUNTY – If you need a ride during evacuation go to one of these places. You will be picked up there, or call (440) 576-9148.

- Trailer Park at Route 20 & Myers Rd.
- Austin Manor Estates, Austin Rd.
- County Line Rd. & Lake Rd.
- State Route 534 & Maple Avenue
- County Line Rd. & Route 20 West
- Indian Creek Resort parking Lot
- Geneva-On-The-Lake Golf Course Parking Lot
- Geneva Township Park

PICK-UP POINTS IN GEAUGA COUNTY – The county will provide rides for those who need them. You will be picked up at home. Call (440) 285-2210 if you need a ride.

Reception/Care **Centers**

RECEPTION/CARE CENTERS

A Reception Center is a location where you first go to register and receive general information including; assistance in contacting others and directions to a care center.

Residents that need temporary housing can then go to a Care Center. The Care Center is managed by the American Red Cross and may be in the same location as the Reception Center.

LAKE COUNTY
- North High School, 34041 Stevens Blvd., Eastlake, Ohio
- South High School, 5000 Shankland Rd., Willoughby, Ohio

ASHTABULA COUNTY
- Lakeside High School, 6600 Sanborn Rd., Ashtabula Ohio

GEAUGA COUNTY
- Cardinal High School, 14785 Thompson Ave., Middlefield, Ohio
- Notre Dame-Cathedral Latin, 13000 Auburn Rd., Munson Twp., Ohio

SPECIAL NEEDS CARDS

Enclosed with this brochure is a Special Needs Card. This card is very important in helping us successfully assist you should an emergency occur. The Special Needs Card is for anyone who would need special help during an evacuation because of physical impairment or special medical problems. If this card applies to you, please fill it out and return it to us. This information will be kept on file at your County Emergency Management Agency/Department of Emergency Services center. We request that residents submit a new card every year.

This information will be kept confidential. If you will require special assistance in an emergency, please complete and sign the card, turn the completed portion of the card to the inside, and tape the card shut. The card has pre-paid postage and does not require a stamp prior to mailing.

WHAT ABOUT PETS AND SERVICE ANIMALS?

Pets. You may not take your pets with you to a care center. Plan now for your pet's care in any emergency. It is recommended that you make prior arrangements with friends, relatives, or pet boarding facilities. If you need more information, call your county emergency management agency or department of emergency services.

Service animals. You may take your service animal with you to a care center. It is recommended that you pack supplies in advance to care for your service animal. If you need more information, call your county emergency management agency or department of emergency services.

WHAT IF I HAVE LIVESTOCK TO CARE FOR?

Listen to your radio or TV for instructions. If there is an emergency, you may be told to put livestock indoors and give them stored feed and protected water.

If told to evacuate, leave your livestock on the farm. Put them in a barn or other shelter, and leave them with water and food.

Federal and state agencies will do follow-up surveys on farm products to check for contamination.

For more information and/or a copy of the "Radiological Emergency Information for Agriculture Producers, Processors, and Distributors" brochure, contact the Ohio Department of Agriculture, 8995 East Main Street, Reynoldsburg, Ohio 43068 or via telephone at 1-800-282-1955.

When **Sirens Sound**

Areas around the Perry Nuclear Power Plant have emergency sirens. The outdoor sirens will sound if there is a recommendation for the public to take protective actions such as shelter in place or evacuation. You may also be warned by loud speakers used by fire and police departments.

WHAT SHOULD I DO IF I'M TOLD TO SHELTER-IN-PLACE?

- Go indoors and stay there. Shelter pets.
- Listen to your local Emergency Alert System radio or television station for emergency information.
- Close all doors, windows, and vents. Turn off all fans, air conditioners, and any other source of outside air.
- You might need to warn a friend or family member. If so, limit time spent outdoors. While outdoors, cover your mouth and nose with a damp cloth or towel. When returning indoors, leave outer clothing outside. Wash your face and hands with mild soap and lukewarm water.
- Children in schools in the affected area will be sheltered there, if necessary. Parents should not try to pick up school children unless advised to do so.
- Use the telephone only if necessary.
- Do not pick produce or fruit. Food, produce, and packaged food already in your home are safe to eat.
- Tie a towel to your door, mailbox, or other object visible from the road. This tells emergency workers going door-to-door that you know about the emergency. If you DO need assistance, DON'T use the towel.

WHAT SHOULD I DO IF I'M TOLD TO EVACUATE THE AREA?

- Listen for instructions on a local Emergency Alert System station.
- Prepare your home for a three-day absence; turn off all small appliances, faucets, and lights. Turn down the furnace, if it is on. Be sure all air conditioners and fans are off. Lock windows and doors.
- Gather people in your home. Do not try and pick up children or relatives in schools, hospitals, or nursing homes. These facilities have their own emergency procedures.
- Pack necessities. (i.e. needed medications, baby food and formula, credit cards, checkbook, cash, important papers, two changes of clothes per person, an extra pair of shoes per person, two blankets or a sleeping bag per person, toiletries, eyeglasses or contacts, battery-powered radios, batteries, flashlight, first aid kit)
- Tie a towel to your door, mailbox, or other object visible from the road. This tells emergency workers going door-to-door that you know about the emergency. If you DO need assistance, DON'T use the towel.
- **If you have livestock.** Leave your livestock on the farm. Put them in a barn or other shelter, and leave them with stored feed and protected water. Arrangements for access to feed and water for your livestock will be coordinated by your county emergency management agency or department of emergency services. Federal and state agencies will do follow-up surveys on farm products to check for contamination.
- Leave if evacuation is advised for your area. Use one car per family. Close all car windows and vents. Listen to Emergency Alert System stations and proceed to a place more than 10 miles away from Perry Nuclear Power Plant. You may want to go to a care center listed in this brochure.
- Law Enforcement officials will control traffic and maintain security in evacuated areas.
- If you do not drive, get a ride from a friend or neighbor. Or go to a pick-up point and a ride will be provided for you.

EAS STATIONS FOR NORTH EASTERN OHIO

If you hear a siren, turn on a local radio or TV Emergency Alert System (EAS) station;

RADIO:

- WTAM Cleveland — 1100 AM
- WCPN Cleveland – 90.3 FM

TELEVISION:

- WKYC TV 3
- WEWS TV 5
- WJW TV 8
- WOIO TV 19
- WVIZ TV 25
- WUAB TV 43

Sirens are tested at 11:00 am on the 2nd Wednesday in January, April, July and October

Emergency **Classifications**

1. UNUSUAL EVENT

The least serious, this refers to a small problem that poses no danger to the public, such as a decrease in plant safety or potential security event. No radiation leak is expected; you do not have to do anything. Federal, state, and county officials will be told right away.

2. ALERT

During this minor problem, the plant could experience decreases in safety or a security event. Preparations are made to handle potentially more serious emergencies. Small amounts of radiation could leak inside the plant, but there is no danger to the public and you should not have to do anything. Federal, state, and county officials will be told right away and will begin emergency preparedness actions.

3. SITE AREA EMERGENCY

This is a more serious problem, such as plant equipment needed for safe operations is affected or a security event occurs. Radiation releases are not expected to exceed federal limits beyond the plant boundaries. If you hear the sirens, listen to a radio or TV station that broadcasts Emergency Alert System messages and carefully follow instructions. Federal, state, and county officials will be told right away and will act to ensure public safety.

4.GENERAL EMERGENCY

This is the most serious problem. Events are in process or have happened that may involve possible problems with plant equipment or security. These events may affect safe plant operations. Radiation could be released outside plant boundaries. Federal, state, and county officials will work with plant officials. You may have to protect yourself as described in this section. When the sirens sound, listen to one of the Emergency Alert System radio or TV stations for instructions and carefully follow them. If necessary, people in some areas will be advised to seek shelter or evacuate.

PUBLIC HOTLINE NUMBERS

A public information hotline will be open during an emergency. These lines are only active when the agency Emergency Operations Center (EOC) is activated. It will have current information. To use it, call one of these numbers:

ASHTABULA COUNTY	(440) 576-3419
	(440) 576-3418
GEAUGA COUNTY	(440) 285-2210
LAKE COUNTY	(440) 918-5469
	(440) 918-5470
STATE OF OHIO	(855) 542-6446

Nuclear **Energy FAQs**

HOW IS NUCLEAR ENERGY MADE?

A nuclear energy plant is much like a power plant that burns coal or oil. The difference is the source of heat. At the Perry Nuclear Power Plant, heat comes from uranium instead of coal or oil. Uranium atoms are split to produce heat. The heat is used to boil large amounts of water. The water is turned into steam. The steam runs a turbine generator to make electricity. When uranium atoms are split, radiation is produced. Normally, a nuclear power plant releases very small amounts of radiation as a gas. At most, this will add only one or two millirem to the normal dose received by people who live near the plant. This radiation is less than the limit set by the law. No radiation is released from cooling towers.

WHAT IS POTASSIUM IODIDE (KI)?

Radioactive Iodine (radioiodine) is one of the products that could be released in a serious nuclear accident. Potassium Iodide (KI) is a stable form of iodine. It can be taken to saturate the thyroid gland, thus reducing the gland's ability to absorb radioactive iodine. **KI should be taken during an emergency ONLY if recommended by governmental officials. KI is most effective if taken within 3-4 hours of exposure.** KI is available to persons within 10 miles of the Perry Nuclear Power Plant through the county health district. Also, KI will be available at Reception/Care Centers. Additional information about KI can be found on the internet at www.lcghd.org.

WHAT IS RADIATION?

Radiation has been part of our natural environment since the Earth was formed. The planet is bathed in cosmic radiation from outer space, and radioactive materials naturally present in the soil, rocks, air and seawater also emit this type of energy. From the very beginnings of human civilization, radiation has been part of everyday life.

SOURCES OF RADIATION

We are exposed to small amounts of radiation every day. It is in the air we breathe. It is in the food we eat. It is even inside our own bodies. It is normal to be exposed to small amounts of radiation. But to be safe you should limit the amount. Radiation doses to people are measured in millirem. The average American receives over 300 millirem of radiation per year from nature. Medical procedures, such as CT scans, add about the same amount of radiation dose.

HOW IS RADIATION CONTROLLED?

The U.S. Environmental Protection Agency and the U.S. Nuclear Regulatory Commission are the principal federal agencies responsible for establishing radiation protection regulations. EPA establishes standards to protect the general environment. The NRC prescribes and enforces limits on the amount of radiation that workers and members of the public can receive from commercial use of radioactive materials.

Radiation safety is based on time, distance and shielding. The less time spent near a source, the less radiation received. The greater the distance from a source, the less radiation received. Shielding also plays a vital role. For example, dentists place a lead blanket on patients receiving X-rays. Used nuclear power plant fuel is stored underwater or in steel-lined concrete containers to protect people from penetrating radiation such as gamma rays.

Although scientists have found no adverse health effects from doses lower than 10,000 millirem, radiation experts recommend keeping doses from man-made sources as low as resonably achievable.

If you would like more information on radiation, write to the Perry Nuclear Power Plant, Emergency Response Section, P.O. Box 97, Perry, Ohio 44081 or visit the FirstEnergy Nuclear Operating Company website at www.fenoc.com.

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