Listen for 3 to 5 minute siren

- Tune your radio to an Emergency Alert System (EAS) station for information.
- Do not evacuate unless notified.

Turn on your radio

The following radio stations are a part of the Emergency Alert System:

New Jersey
- WENJ-FM 97.3
- Marine Channel 16

Delaware
- WKNN-FM 88.7
- WDEL-AM 1150
- WSUX-AM 1280
- WDOV-AM 1410
- WILM-AM 1450
- Marine Channel 16

If children are in school

- Do not go to schools to pick up children.
- Children will be moved to a host school and cared for until you arrive.
- Listen to your radio and follow instructions for picking up your children.

People with special needs

If you will need help in responding to an evacuation order, do the following:

- Fill out the card stapled in the center of this calendar and mail it today.
- Call your Emergency Management Office. See information on page 28 in this calendar.

If you are asked to Monitor and Prepare

You should monitor the media for emergency information and prepare for the possibility of evacuation, shelter-in-place, or other protective actions. The EAS radio stations are listed on the left. People should prepare for possible evacuation by alerting your neighbors, reuniting with family members and providing for pet needs.

If asked to shelter in-place

- Stay in your home.
- Close all doors and windows. Turn off fans and air conditioners.
- Use the telephone only for an emergency.

If asked to evacuate

- You will have plenty of time to act in an emergency. DO NOT HURRY! You may get hurt by rushing.
- Show emergency workers that you have left the premises by taping the NOTIFIED sign (located on the inside back cover of this calendar) in an easily seen front window or door.
- Bring the items suggested on page 30 of this calendar.

Public Inquiries

For information about STATE ACTIVITIES, call
- New Jersey 1-800-792-8314 • www.ready.nj.gov

For information about PLANT STATUS, call
- New Jersey 1-800-443-7392
- Delaware 1-800-443-7392

Important Dates

Siren Test Schedule:
- 2018 – Tuesday, October 9, 2018 AM Activation
- 2019 – Tuesday, January 8, 2019 AM Activation
- Tuesday, April 9, 2019, PM Activation
- Tuesday, July 9, 2019, PM Activation

Public Meetings:
- Cumberland County – Thursday, July 11, 2019
  Woodland Country Day School
- Salem County – Wednesday, July 10, 2019
  Salem County Office of Emergency Management
### September 2018 Calendar

- **1** Saturday

- **2** Sunday

- **3** Monday

- **4** Tuesday

- **5** Wednesday

- **6** Thursday

- **7** Friday

- **8** Saturday

- **9** Sunday

- **10** Monday

- **11** Tuesday

- **12** Wednesday

- **13** Thursday

- **14** Friday

- **15** Saturday

- **16** Sunday

- **17** Monday

- **18** Tuesday

- **19** Wednesday

- **20** Thursday

- **21** Friday

- **22** Saturday

- **23** Sunday

- **24** Monday

- **25** Tuesday

- **26** Wednesday

- **27** Thursday

- **28** Friday

- **29** Saturday

- **30** Sunday

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**Key Dates:**

- **3rd Quarter Moon**
- **Last Day of Sukkot**
- **Third Quarter Moon**
- **First Day of Sukkot**
- **Full Moon**
- **Rosh Hashanah Begins at Sunset**
- **Rosh Hashanah Ends at Sunset**
- **Constitution Day/Citizenship Day**
- **Yom Kippur**
- **Air Force Birthday**
- **Patriot Day**
- **Labor Day**
- **4th Quarter Moon**
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- **Columbus Day**: October 10
- **AM Activation or Siren Test**: October 11
- **Ramy Birthday**: October 13
- **Halloween**: October 31
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- **November 2018**
  - **11th**: Marine Corps Birthday
  - **22nd**: Veterans Day
  - **24th**: Full Moon
  - **25th**: Third Quarter Moon

- **November 2018**: Save our Ocean
- **November 2018**: This is me, Recycle Hero!
### Pearl Harbor Remembrance Day
- December 7, 2018

### Hanukkah Begins at Sunset
- December 24, 2018

### Christmas
- December 25, 2018

### Kwanzaa Begins
- December 26, 2018

### New Year’s Eve
- December 31, 2018
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**Martin Luther King Day**

- **Third Quarter Moon**
- **First Quarter Moon**

**Full Moon**
FEB 2019

JANUARY 2019

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MARCH 2019

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Groundhog Day

Presidents’ Day

Valentine’s Day

New Moon

First Quarter Moon

Full Moon

Last Quarter Moon

Holiday Meet Earth

I feel so bad for the sea

Yasmine

Brandon

RYLEE

FEB 2019
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- **FEBRUARY 2019**
  - 1 to 28

- **MARCH 2019**
  - 1 to 31

**Events for March 2019**

- **MAR 2019**
  - Daylight Saving Time Begins
  - St. Patrick’s Day
  - First Day of Spring
  - ☾ First Quarter Moon
  - ☽ Full Moon
  - ☾ Third Quarter Moon

**April 2019**

- 1 to 30

**Events for April 2019**

- ☽ Full Moon

**Cameron**

**Lincoln**
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**April Fool's Day**

PM Siren Test

**New Moon**

**Full Moon**

**Passover Begins at Sunset**

**Good Friday**

**Eat Earth Day**

**Easter**

**Last Quarter Moon**

**First Quarter Moon**

**Earth Day**

**Easter Sunday**

**Passover Ends at Sunset**
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**MAY 2019**

- **APRIL 2019**
  - Cinco de Mayo
  - Ramadan
  - Begin at Sunset

- **JUNE 2019**
  - Full Moon
  - First Quarter Moon

- **MAY 2019**
  - Armed Forces Day
  - (Full Moon)
  - (Third Quarter Moon)

- **MAY 2019**
  - Memorial Day

- **MAY 2019**
  - Mother’s Day

- **MAY 2019**
  - New Moon
  - First Quarter Moon

- **MAY 2019**
  - Second Quarter Moon

- **MAY 2019**
  - Third Quarter Moon
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### Calendar of Events for SEP 2019

#### August 2019

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**Notes:**
- Labor Day
- First Quarter Moon

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**Notes:**
- Patriot Day
- Full Moon
- Rosh Hashanah
- First Day of Autumn
- New Moon

#### October 2019

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**Notes:**
- Constitution Day/Citizenship Day
- Air Force Birthday
- Third Quarter Moon
- New Moon
Emergency Classifications

Unusual Event ➤ A minor problem has taken place. No release of radioactive matter is expected. Federal, state and county officials will be notified. You will not have to do anything.

Alert ➤ This is also a minor problem. Small amounts of radioactive matter could be released inside the plant. Officials will be notified and asked to stand by. Probably, you will not have to do anything.

Site Area Emergency ➤ This is a more serious problem. Small amounts of radioactive matter could be released into the area near the plant. Sirens may be sounded, which means state officials have important emergency information available for you. Tune your radio to one of the EAS radio stations listed on page 1.

General Emergency ➤ This is the most serious kind of problem. Radioactive matter could be released outside the plant. You may have to take protective actions. Sirens will be sounded. Tune your radio to one of the EAS radio stations on page 1 to receive information from state officials.

For more information ...

New Jersey

Salem County
Office of Emergency Management
1-856-769-2900
www.readysalem.org

Cumberland County
Office of Emergency Management
1-856-455-8770

New Jersey Office of Emergency Management
1-609-963-6900, ext. 6738
During normal working hours
1-800-792-8314 – During Emergency

New Jersey DEP
Bureau of Nuclear Engineering
P.O. Box 420, Mail Code 33-01
Trenton, NJ 08625-0420
or call 1-609-984-7700

Web Page
www.ready.nj.gov

Police, fire and ambulance
Salem County 9-1-1
Cumberland County 9-1-1

Delaware

New Castle County
Office of Emergency Management
1-302-395-2700

Kent County
Kent County Emergency Management
1-302-735-3465

Delaware Emergency Management Agency
165 Brick Store Landing Road
Smyrna, DE 19977
or call 1-302-659-DEMA (1-302-659-3362)
or 1-877-SAY DEMA (1-877-729-3362 – IN STATE)

Web Page
www.dema.delaware.gov

Police, fire and ambulance
New Castle County 9-1-1
Kent County 9-1-1

Siren Maintenance
To continue and maintain a high level of siren system performance, periodic maintenance and testing may occur. The testing may result in a growl or short, ten(10) second burst (sound) of the siren.
Monitor and Prepare–Precautionary Actions

If you are asked to Monitor and Prepare you should monitor the media for emergency information and prepare for the possibility of evacuation, Shelter-In-Place, or other protective actions. The Emergency Alert System (EAS) radio stations are listed in this emergency calendar. People should prepare for possible evacuation by alerting your neighbors, reuniting with family members and providing for pet needs.

Please note, the instructions to Monitor and Prepare are intended to engage the population within the plume exposure pathway emergency planning zone, inform them of the emergency and advise them that they should monitor the situation and prepare for the possibility of evacuation, Shelter-In-Place, or other protective actions.

If asked to Shelter-In-Place
- Close outside doors and windows.
- Turn off fans and air conditioners.
- This helps keep out radioactive material.
- Keep pets inside and shelter farm animals, if possible.
- Keep your radio turned on and listen for emergency instructions.
- Keep telephone lines open for emergency use.

If you are traveling in a motor vehicle
- Close windows and air vents.

If you are not at home
- Find the best available shelter.
- Instructions will be given on the radio.
- Stay inside until you are told it is safe to go out.

If asked to evacuate
- Close and lock all doors and windows.
- Shut off appliances and faucets.
- Show emergency workers you have left the premises by taping the NOTIFIED sign (located on the inside back cover of this calendar) in an easily-seen front window or door.

Items to take
- Baby formula, diapers and favorite toys.
- Towels, toiletries and sanitary supplies.
- Prescriptions/medications, glasses, dentures and diet needs.
- Extra clothing and footwear.
- Cash/checkbook, identification/license, credit cards, keys, flashlights, portable radio, batteries and folding chairs.
- Extra clothing and footwear.
- Two blankets per person or sleeping bags and pillows.
- Prescriptions/medications, glasses, dentures and diet needs.
- Towels, toiletries and sanitary supplies.
- Baby formula, diapers and favorite toys.

Radiological information for farmers

To get your copy of special instructions, please call the Emergency Management phone number and ask for your “Radiological Information for Farmers” brochure.

New Jersey Office of Emergency Management
1-609-963-6900, ext. 6738
During normal working hours
1-800-792-8314 – During Emergency

Delaware Emergency Management Agency
1-877-SAY DEMA (1-877-729-3362 – IN STATE) or 1-302-659-3362

For information and distribution dates regarding KI in Delaware, contact:
Delaware Emergency Management Agency
1-877-729-3362 (IN STATE) or 1-302-659-3362, or check DEMA Website at www.dema.delaware.gov

For use of KI in Delaware, contact:
Delaware Division of Public Health
Office of Radiation Control
1-302-744-4546
Request the Office of Radiation Control

POTASSIUM IODIDE (KI)

The States of New Jersey and Delaware, after careful consideration, have made Potassium Iodide (KI) available to people within the 10-mile Emergency Planning Zone (EPZ) for the Salem/Hope Creek Nuclear Generating Station (see maps for New Jersey and Delaware). In New Jersey, if you were unable to attend the public distribution, KI may be obtained from the Salem or Cumberland County Department of Health. For KI distribution dates in Delaware, call the Delaware Emergency Management Agency (1-877-729-3362 – IN STATE) or Delaware Division of Public Health (1-302-744-4546) or check the DEMA website at www.dema.delaware.gov

KI offers a degree of cancer protection only to the thyroid gland and only in cases when the release contains radioactive iodine. If taken before or shortly after radiological exposure, potassium iodide blocks the thyroid gland’s ability to absorb radioactive iodine. Remember that KI offers protection only to the thyroid gland and its use would be in addition to evacuation and Shelter-In-Place. Evacuation and Shelter-In-Place are the primary modes of protection in a radiological emergency. The use of KI by persons in the EPZ is entirely voluntary.

Caution: Potassium Iodide should not be used by people allergic to iodine. In the event of an allergic reaction, contact a physician immediately.

You may be instructed to take KI in addition to other Protective Actions via the Emergency Alert System (EAS). The area within the 10-mile EPZ in both states is divided into smaller portions known was Emergency Response Planning Areas or ERPAs.

The ERPAs have easily recognizable boundaries for identification when used with the Emergency Alert System (EAS).
What to do during an Emergency

In New Jersey

Emergency Response Planning Areas (ERPAs)
In an emergency, residents of some ERPAs may need to take action. Others may not.

- Know the locations of the Reception Centers (see below).
- People who are told to evacuate will use the Reception Centers.
- EAS messages from state officials will direct you to your Reception Center.

**ERPA 1** Portions of Lower Alloways Creek
**ERPA 2** Portions of Quinton and Lower Alloways Creek
**ERPA 3** Elsinboro, Salem City
**ERPA 4** Portions of Mannington
**ERPA 5** Portions of Pennsville
**ERPA 6** Stow Creek
**ERPA 7** Greenwich
**ERPA 8** Delaware Bay

See map to determine if you live in the affected ERPA.

Reception Centers
Reception Centers are located outside the 10-mile planning zone.

- EAS radio announcements will inform you which Reception Center to go to if evacuation is necessary.
- Locate the Reception Centers listed below on the map. Please become familiar with these locations.

Salem County Vo-tech School
880 Route 45
Woodstown

Bridgeton High School
West Avenue, Bridgeton

School Information
Host Schools — Unless otherwise indicated by EAS messages, your children will be relocated to the following host schools in an emergency:

- Mary Shoemaker School is the host school for
  - Elsinboro Township Elementary School
- Arthur P. Schalick High School is the host school for
  - Lower Alloways Creek Township Elementary School
  - Quinton Township Elementary School
- Penns Grove Middle School is the host school for
  - John Fenwick School
- Penns Grove High School is the host school for
  - Salem City Middle School
  - Salem City High School
- Cumberland Regional High School is the host school for
  - Morris Goodwin School
  - Stow Creek Township School
  - Woodland Country Day School

Schools outside the Emergency Planning Zone (EPZ) — Schools located outside the Emergency Planning Zone (EPZ), who have students living in the EPZ, will host their students until parental pick-up or other arrangements can be made.

Non-Public School and Day Care Information
Parents and guardians with children attending non-public schools or at day care facilities within the emergency planning zone should become familiar with the facilities emergency plans. Contact the facility operator for more information.
Salem and Cumberland Evacuation Bus Routes

Bus Route 1
Route begins at Salem Hancocks Bridge Road, CR 658, and the bridge over Alloway Creek and covers Front Street, Silver Lake Road, Frog Ocean Road, Stow Neck Road and Long Bridge Road. Route ends at Grieves Parkway.

Bus Route 2 A
Route begins at Hammersville Canton Road, CR 623 and Maskells Mill Road, CR 658 and covers Church Road, Smick Road, Cross Road, Friendship Road, Buckhorn Road, Hell Neck Road, Jericho Road, Hogate Road and Burden Hill Road. Route ends at SR 49 and Burden Hill Road.

Bus Route 2 B
Route begins at SR 49 and Burden Hill Road and covers Jericho Road, Hogate Road, Cross Road, Robinson Road, Salem New Bridge Road, Beasley Neck Road, Sickler Road to Quinton Hancock Bridge Road. Route ends at Grieves Parkway.

Bus Route 3 A
Route begins at Amwellbury Road, CR 633 and Walnut Street, CR 665 and covers Tilbury Road, Sinnickson Landing Road, Country Club Road, Locust Road and Fort Elszborg Road. Route ends at Grieves Parkway.

Bus Route 3 B
Route begins at SR 45 and Fenwick Creek and covers SR 49, Grieves Parkway, Oak Street, Front Street and Griffith Street. Route ends at the bridge over the Salem River.

Bus Route 4
Route begins at SR 45 and CR 653 Quinton Action Station Road and covers Clancy Road, Quaker Neck Road, Grant Street and Market Street. Route ends at Salem Hospital.

Bus Route 5
Route begins at SR 49 and Lenape Drive and covers Chestnut Lane to Old Toll Road, Plow Point Road, Supwana Road, SR 49, Lighthouse Road and Fort Mott Road. Route ends at the Lighthouse Park.

Bus Route 6
Route begins at the intersection of Roadstown Road, CR 620 and Jericho Road CR 626 and covers Buckhorn Road, Marlboro Road, Jericho Road, Macanippuck Road, Stow Creek Road, Sand Wash Road, Canton Road, Chestnut Road, Davis Mill Road, Pony Road and Willis Road. Route ends at the intersection of CR 626 and CR 620.

Bus Route 7
Route begins at the intersection of Upper Roadstown Road, CR 703 and CR 620 and covers Stathems Neck Road, White Clay Road, Toddall Island Road, Weatherill Road, Bayside Road, Gum Tree Corner Road, Bacon Neck Road, Old Mill Road and Ye Greate Street. Route ends at the intersection of CR 703 and CR 620.

NJ Special Needs Registry

The NJ Special Needs Registry is designed to help emergency responders locate and safely evacuate people who could find it difficult to help themselves in the event of a major disaster, such as a hurricane. Register today to be ready for tomorrow! www.registerready.nj.gov

NJ ALERT...Be Aware, Be Prepared

NJ Alert is a free, voluntary and confidential emergency alerting system that allows State Emergency Management officials to send email or text messages to cell phones and other electronic devices during any emergency event. Sign up for NJ Alert by logging on to: www.njalert.gov
Reception Centers
Reception Centers are listed below. State officials will be along evacuation routes to assist traffic.

South
Smyrna Readiness Center
103 Artesian Drive
Smyrna, DE 19977

North
Sterns Readiness Center
1401 Newport Gap Pike
Wilmington, DE 19804

Bus Routes
- Blue Route
- Green Route
- Red Route
- Pink Route
- Purple Route
- Brown Route

Emergency Response Planning Areas (ERPAs)
In an emergency, residents of some ERPAs may need to take action. Others may not.
- Know the locations of the Reception Centers.
- People who are told to evacuate will use the Reception Centers.
- EAS messages from state officials will direct you to your Reception Center.

Delaware School Information
Student Relocation Centers
Unless otherwise indicated by EAS messages, your children will be relocated to the following schools in an emergency:

Dickinson High School is the Relocation Center for:
- AdvoServ School
- St. Georges Technical High School

Mount Pleasant High School is the Relocation Center for:
- Gunning Bedford Middle School
- Kathleen H. Wilbur Elementary School
- Southern Elementary School

Dover High School is the Relocation Center for:
- Cedar Lane Elementary School
- MOT Charter High School
- Silver Lake Elementary School
- Townsend Elementary School
- Alfred G. Waters Middle School
- Groves Adult School
- Brick Mill Elementary School
- Cedar Lane Early Childhood Center
- Townsend Early Childhood Center

Caesar Rodney High School is the Relocation Center for:
- Spring Meadow Early Childhood Center
- Old State Elementary School
- Middletown High School
- Everett Meredith Middle School
- Redding Middle School
- St. Andrew’s School
- St. Andrew’s PreSchool and Child Development Center
- Appoquinimink Preschool Center
- St. Anne’s Episcopal School

Licensed Daycares/Preschools/Before & After School Programs should follow the above emergency information for schools.

Schools outside the Emergency Planning Zone (EPZ)
Schools located outside the Emergency Planning Zone (EPZ), who have students living in the EPZ, will host their students until parental pick-up or other arrangements can be made.

ERPA A – Port Penn, Odessa, East of Townsend, North Smyrna and South St. Georges Areas
The area bounded to the west by Routes 13, 299 and 9; to the east by the Delaware River; to the north by the Chesapeake and Delaware Canal; to the south by Route 6.

ERPA B – Middletown, East of Townsend and North Smyrna Areas
The area bounded to the west by the Norfolk Southern Railroad; to the east by Route 9; to the north by Route 299; to the south by Route 6 and Smyrna Landing Road.

ERPA C – Delaware City, North Middletown, St. Georges and Reybold Areas
The area bounded to the north of Route 299 by Kirkwood St. / Georges Road; to the east of the Norfolk Southern Railroad to Route 13; to the south of the Red Lion Creek and east of Route 9; to the south of the Norfolk Southern Railroad and east of Route 13 to the Chesapeake and Delaware Canal; to the south of Route 72 and east of McCoy Road to Route 13.

ERPA D – Delaware River and Bay
The area just north of Pea Patch Island, near Delaware City, south to Woodland Beach.
## Delaware Evacuation Bus Routes

Buses will drive slowly along the following roads if transportation is needed.

### BLUE ROUTE

**Roads Covered**
- Bayview Road between US 13 and DEL 9 (St. Augustine Road)
- Vance Neck Road between Bayview Road and DEL 9 (Silver Run Road)
- DEL 9 between Vance Neck Road and Union Church Road
- Staves Landing Road east of DEL 9 (Taylors Bridge Road)
- Union Church Road between DEL 9 (Taylors Bridge Road) and Blackbird Landing Road
- Blackbird Landing Road between Union Church Road and Gum Bush Road
- Gum Bush Road between Blackbird Landing Road and Anchor Inn Road
- Anchor Inn Road between Gum Bush Road and US 13
- US 13 between Anchor Inn Road and Southern Staging Area (Blackbird Truck Weigh Station)

### GREEN ROUTE

**Roads Covered**
- Marl Pit Road between US 13 and US 301/DEL 71 (Summit Bridge Road)
- Cedar Lane Road between Marl Pit Road and DEL 71 (Broad St)
- DEL 71 (Broad St) between Cedar Lane Road and Noxontown Road
- DEL 299 between DEL 71 (Broad St) and DEL 9 (Thomas Landing Road)
- US 13 between Marl Pit Road and Southern Staging Area (Blackbird Truck Weigh Station)

### RED ROUTE

**Roads Covered**
- Noxontown Road between US 13 and DEL 71 (Summit Bridge Road)
- Fieldsboro Road between US 13 and DEL 9 (Taylors Bridge Road)
- Money Road between Noxontown Road and DEL 71 (Summit Bridge Road)
- DEL 71 (Summit Bridge Road) between Noxontown Road and US 13
- Caldwell Corner Road between DEL 15 (Dogtown Road) and DEL 71 (Summit Bridge Road)
- Pine Tree Road between DEL 71 (Summit Bridge Road) and US 13
- Blackbird Landing Road between US 13 and Union Church Road
- Union Church Road between Blackbird Landing Road and US 13
- New Discovery Road between US 13 and DEL 71 (Summit Bridge Road)
- US 13 between DEL 71 (Summit Bridge Road) and Southern Staging Area (Blackbird Truck Weigh Station)

### PINK ROUTE

**Roads Covered**
- Cedar Swamp Road east of DEL 9 (Flemings Landing Road)
- DEL 9 between Union Church Road and Shorts Landing Road
- Walker School Road between DEL 9 (Flemings Landing Road) and Paddock Road
- Saw Mill Branch Road between Walker School Road and DEL 9 (Flemings Landing Road)
- Gum Bush Road between Walker School Road and Deer Run Road
- Deer Run Road between Gum Bush Road and Eagles Nest Landing Road
- Eagles Nest Landing Road between Deer Run Road and Walker School Road
- Paddock Road between Walker School Road and US 13
- US 13 between Paddock Road and Southern Staging Area (Blackbird Truck Weigh Station)

### PURPLE ROUTE

**Roads Covered**
- Hyetts Corner Road between US 13 and Jamison Corner Road
- Jamison Corner Road between Hyetts Corner Road and DEL 896 (Boyds Corner Road)
- Port Penn Road between US 13 and Dutch Neck Road
- Loeswood Grove Road between US 13 and Old Summit Bridge Road
- Old Summit Bridge Road between Loeswood Grove Road and Bethel Church Road
- Bethel Church Road between Old Summit Bridge Road and US 301/DEL 71/DEL 896 (Summit Bridge Road)
- Cox Neck Road between US 13 and DEL 9 (5th St)
- US 13 between Hyetts Corner Road and Northern Staging Area (DART Wrangle Hill Road Facility)

### BROWN ROUTE

**Roads Covered**
- Cedar Lane Road between DEL 896 (Boyds Corner Road) and Marl Pit Road
- Shallcross Lake Road between DEL 896 (Boyds Corner Road) and Marl Pit Road
- DEL 896 (Boyds Corner Road) between US 301/DEL 71 (Summit Bridge Road) and US 13
- Pole Bridge Road between US 13 and Port Penn Road
- Port Penn Road between Dutch Neck Road and DEL 9 (St. Augustine Road)
- Dutch Neck Road between Port Penn Road and DEL 9 (St. Reedy Point Road)
- DEL 9 between Dutch Neck Road and Upper Twin Lane Road
- DEL 72 (Wrangle Hill Road) between DEL 9 (River Road) and Northern Staging Area (DART Wrangle Hill Road Facility)

### Delaware Emergency Planning Zone (EPZ) Special Needs Registry

The Delaware EPZ Special Needs Registry is designed to help emergency responders locate and safely evacuate EPZ residents with special needs who would need transportation in the event of an incident at the Salem/Hope Creek Nuclear Power Plant.

For registration, please refer to the registration card provided.
Call Emergency Management/American Red Cross Chapter

- Learn your community’s evacuation routes.
- Ask about assistance for elderly or special needs persons.
- Ask your workplace about emergency plans.
- Learn about emergency plans for your children’s school or day care center.
- Ask about animal care after disaster. Animals may not be allowed inside emergency shelters due to health regulations.

Create an Emergency Plan

- Meet with household members to discuss the dangers of fire, severe weather, earthquakes and other emergencies. Explain how to respond to each.
- Find the safe spots in your home for each type of disaster.
- Discuss what to do about power outages and personal injuries.
- Draw a floor plan of your home. Mark two escape routes from each room.
- Show family members how to turn off the water, gas and electricity main switches when necessary.
- Post emergency telephone numbers near telephones.
- Teach children how and when to call 9-1-1, police and fire.
- Instruct household members to turn on the radio for emergency information.
- Pick one out-of-state and one local friend or relative for family members to call if separated during a disaster (it is often easier to call out-of-state than within the affected area).
- Teach children your out-of-state contact’s phone numbers.
- Pick two emergency meeting places.
  1) A place near your home in case of a fire.
  2) A place outside your neighborhood in case you cannot return home after a disaster.
- Take a basic first aid and CPR class.
- Keep family records in a water and fire-proof container.

Prepare a Disaster Supplies Kit

Assemble supplies you might need in an evacuation. Store them in an easy-to-carry container such as a backpack or duffle bag.

Include:
- A supply of water (one gallon per person per day). Store water in sealed, unbreakable containers. Identify the storage date and replace every six months.
- A supply of non-perishable packaged or canned food and a non-electric can opener.
- A change of clothing, rain gear and sturdy shoes.
- Blankets or sleeping bags.
- A first aid kit and prescription medications.
- An extra pair of glasses.
- A battery-powered radio, flashlight and plenty of extra batteries.
- Credit cards and cash.
- An extra set of car keys.
- A list of family physicians.
- A list of important family information; the style and serial number of medical devices such as pacemakers.
- Special items for infants, elderly or special needs family members.

If You Need to Evacuate, Remember to...

- Protect your pets.
- Call your family contact – do not use the telephone again unless it is a life-threatening emergency.
- Check on your neighbors, especially elderly or special needs persons.
- Make sure you have an adequate water supply in case service is cut off.
- Stay away from downed power lines.

Nuclear Fission: How it works in the generation of electricity

Nuclear fission is the splitting of an atom of uranium 235 by bombarding it with neutrons from another source. The nucleus splits into two smaller fragments and at the same time releases additional neutrons. Some of these additional neutrons will split other uranium atoms which will release still more neutrons. This continues in a self-sustaining chain reaction called a nuclear explosion. One product of a chain reaction is heat produced by the fragments being put back into rotation.

The chain reaction takes place inside a container named the reactor vessel. The reactor vessel is where the initial chain reaction is started. The chain reaction is controlled by inserting control rods into the reactor vessel. The control rods are made of a material that absorbs neutrons like a blotter, and are inserted into the reactor vessel when the chain reaction is allowed to start.

In the generation of electricity, the only function of the nuclear reactor is to supply the heat necessary to convert water into steam. Once the steam is produced, the balance of the generating process is exactly the same as that in a fossil fueled generating plant

Radiation in Perspective

Ionizing radiation: Energy particles given off by unstable atoms as they undergo radioactive decay to stablilize.

The radiation given off by the radioactive materials in commercial nuclear power plants is called ionizing radiation. This energy takes the form of particles and is ionizing which means it has the ability to remove electrons from the atoms it strikes. Some of the most important uses of ionizing radiation are medical treatments and examinations, and in the generation of electricity. It is important to understand that ionizing radiation from nuclear power plants is the same as ionizing radiation from other possible sources, such as cosmic radiation, medical treatments, and the naturally occurring background radiation from the soil and building materials around us.

Low-level ionizing radiation is measured in units called milli-rem (1/1000 of a REM). Most people in the U.S. receive about 250-300 milli-rem per year from natural background radiation. The sun and stars give off radiation called cosmic radiation and about 67 milli-rem a year from this source.

Medical treatments and examinations are another source of radiation exposure for many people. A chest X-ray is generally about 10 milli-rem, while a dental X-ray is usually about 10 milli-rem. Most cancer care related treatment include have a significant impact on a person’s health.

The average person living within 50 miles of a commercial nuclear power plant receives about 211 milli-rem of additional radiation exposure on an annual basis. Even people living within a five miles of a plant rarely get as much as 1 milli-rem per year.

The Pressurized Water Nuclear Reactor: Salem

In a pressurized water nuclear reactor, there are two separate and enclosed water loops. Within the first loop, water, under pressure, passes through the reactor fuel core and heated by nuclear fission. The heated water passes through the steam generator where it transfers heat to the water in the second loop and then pumped back into the reactor to be reheated. The water in the second loop boils into steam and rushes with great force into the turbine where it strikes blades causing an attached shaft to spin. The other end of the shaft drives inside the generator producing electricity. Within the third loop, cooling water, drawn from an outside source, cools the steam after its energy is spent. The cooling water is eventually returned to its source while the reconverted water is pumped back to the steam generator.

The Boiling Water Nuclear Reactor: Hope Creek

In a boiling water nuclear reactor, there are two separate and enclosed water loops. Within the first loop, water flows through the reactor fuel core and heated by nuclear fission. From it to fuel into steam. The steam passes through the steam line to the turbine. From the turbine, the steam strikes blades attached to a shaft causing it to spin. The other end of the shaft drives inside a generator producing electricity. A second water loop, carrying cooling water drawn from an outside source, cools the steam after its energy is spent in the turbines. After condensation, the reconverted water is pumped back into the reactor vessel to start the heating cycle again while the cooling water is returned to its source.

NOTIFIED