



## Surry Power Station

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### Safety and Emergency Preparedness Guide

This information is part of emergency planning efforts developed by Dominion Energy, the Commonwealth of Virginia [Department of Emergency Management](#), and the counties and cities near Surry Power Station.

The state and communities located within 10 miles of a nuclear power station have prepared emergency response plans. These plans provide guidelines to the state and local government organizations which ensure effective direction and control in a nuclear emergency. The plans include procedures for warning the public and for taking protective actions, such as sheltering or evacuation, in the event of a nuclear emergency.

Contact your local [Emergency Management Coordinator/Official](#) if you have any questions.

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## Emergency Notifications

### Local radio and TV stations

When sirens sound, find a local radio or TV station that is broadcasting emergency information. Emergency officials will provide critical instructions in an emergency, such as evacuation orders or how to safely stay where you are. The event may affect each area differently, so listen carefully for instruction and guidance specific to your location.

### Emergency Contacts

Program emergency numbers into your mobile phone and post by each land-line phone (police, fire, your physician, etc.). Develop a list of out-of-town relatives or friends and their telephone numbers. Ask one of them to serve as a primary contact. Family members should contact this person since it is often easier to call long distance or send a text message after a disaster.

### Access and Functional Needs

Individuals who have access and functional needs should contact their local emergency management office now to learn what evacuation options are available. If you have been provided with an Emergency Planning calendar from Dominion Energy, use the "Special Assistance Needed" card located at the back of the calendar to alert emergency responders about your situation during an emergency. Additional information on disaster preparedness planning for people with Access and Functional Needs is available at [www.Ready/virginia.gov](http://www.Ready/virginia.gov).

## **Pets**

Guide dogs and other service animals are the only pets allowed in Evacuation Assembly Centers. Talk to your veterinarian or local humane society in advance about an emergency plan for your pets.

## **Livestock and Crops**

You should plan to shelter farm animals in an emergency, and have a relocation plan in the event that you cannot return to your home. Provide livestock with stored feed and water for at least three days. Close all windows and doors to livestock shelters where possible. Please inform EAC personnel if you have left livestock sheltered at your residence. Federal, state and local officials will check farm animals and crops for contamination. Decontamination of animals may be necessary for your safety and that of your animals. Contact your local cooperative extension agent or emergency management office for more details. More information about disaster planning for pets and livestock is available at FEMA's website,

[www.ready.gov/caring.animals](http://www.ready.gov/caring.animals)

## **Schools**

In an emergency, officials will advise school administrators and those that have students living within 10 miles of the station. Listen to local media for updates on school status and whether your children will take shelter at school or be transported to another location. Contact your child's school before an emergency occurs to learn how school officials will notify you of your child's status. Under no circumstances will students who live within the 10-mile EPZ be sent home or released without a parent or guardian.

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## **Sirens / Emergency Alert System (EAS)**

In addition to listening for local, up-to-date emergency information on radio and TV stations, emergency officials have installed **early warning sirens throughout the 10-mile area surrounding the power station**. These sirens alert the public in the event of a General Emergency at Surry Power Station. Dominion Energy tests these sirens on a quarterly basis and announces the tests through the local media (tests are typically on the second Wednesday of March, June, September and December).

## **Actual Emergency**

For an actual emergency, the sirens will sound over a period of 15 minutes. The signal will be a series of four three-minute siren tones with a minute of silence between them. When the siren sounds, find a local radio or TV station that is broadcasting emergency information and listen for instructions. Call your neighbors, especially the elderly or those who have difficulty hearing or seeing. Make sure that they have received the warning and know what to do

## Siren Tests

The test signal for the siren is a three-minute steady tone. The alerting signal for an actual emergency will be four separate three-minute siren tones with one minute of silence between each one.

## Unscheduled Siren

If you hear a siren that is not a scheduled quarterly test, find a local radio or TV station that is broadcasting emergency information and listen for instructions or contact your local emergency management office. *Do not call 911.*

**Note:** If siren alerting is not available in your area, local law enforcement officials will use emergency service vehicles equipped with public address systems to alert residents. Once you have been alerted, find a local radio or television station that is broadcasting emergency information and listen for instructions.

In an emergency, officials will also assess the potential impacts for areas beyond the 10-mile zone and notify those residents of any necessary protective actions.

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## Stay Where You Are vs. Evacuate

When emergency officials alert you to an emergency, they will give instructions about staying safely where you are or evacuating.

**Monitor and Prepare:** If you are ordered to go inside and stay inside, go into the nearest building and lock all windows and doors. Remain inside until emergency officials tell you it is safe for you to leave.

- Tune to a local radio or television station for additional information.

If you are ordered to **shelter in place**, this means to go inside and stay there until emergency officials tell you it is safe for you to leave. By sheltering in place, you reduce the exposure you receive from a potential radiological release.

- Use your family emergency plan.
- Tune to a local radio or television station for additional information.
- Stay indoors and close all windows, doors, vents and fireplace dampers.
- Turn off all devices that draw in outside air, such as air conditioners, heat pumps and fans.
- Locate your disaster supply kit. Make sure you have a three-day supply of water and food that will not spoil.
- Do not use the telephone unless it is absolutely necessary. Use phone lines for emergency communication only.
- If you received an Emergency Planning Calendar from Dominion Energy, place the “We Have Been Notified” card from the calendar in your window or doorway facing the road. This will tell emergency responders that you are aware of the event and following instructions. The card should be visible from the roadway at or near your front entrance.

If your Protective Action Zone is ordered to evacuate, leave immediately.

- Use your family emergency plan, including the plan you have made for your pets.
- Call your family contact.
- Review your evacuation route to your designated Evacuation Assembly Center.
- Tune to a local radio or television station for further instructions.
- Plan to be away from home for at least three days.
- Take your disaster supply kit.

Before you leave:

- Turn off or close all devices that draw in outside air (air conditioners, heat pumps, fans, fireplace dampers).
- Turn off all lights and electrical appliances (except your refrigerator/freezer).
- Close and lock all windows and doors.
- If you have special needs, place the “Special Assistance Needed” card from your Dominion Emergency Planning calendar in your window or doorway facing the road. This will tell emergency responders that you cannot evacuate or that you need medical help. The card should be visible from the roadway at or near your front entrance.

In the car (outdoors):

- Close all windows and air vents in your vehicle.
- Shut off your vehicle air conditioner or heater.
- Follow the directions of law enforcement and traffic control personnel stationed along the evacuation route to direct you to the nearest EAC.

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## Evacuation Details

### Protective Action Zones (PAZ)

Protective Action Zones have been established within 10 miles of the power station to help notify the public about what they need to do in an emergency. Natural boundaries (rivers, lakes, tributaries, etc.) or man-made geographic features (roadways or county lines) mark each zone. Each zone is assigned a number on the map.

- View the [Surry protective action zones and Evacuation Assembly Centers map](#).

Please take the time to identify the PAZ where you work or live. If you have any problem determining which zone you live in, or need additional information, please contact your local [Emergency Management Coordinator/Official](#). Numbers are also provided below.

## **Jurisdictions Within 50 Miles**

If an accident were to occur at Surry, the area within 50 miles of the station would be assessed to determine if there has been any impact on the environment. If there is any impact, the public in the affected area would be notified. If any actions are necessary, the public would be informed of such actions to be taken.

## **Evacuation Assembly Centers (EAC)**

Evacuation Assembly Centers (EAC) are public shelters that offer food, clothing and decontamination if necessary. It is important that you report to your EAC if ordered to do so. At the EAC, officials will monitor you for contamination and perform decontamination procedures if necessary. A list of EACs, directions and the best routes to leave the area are provided on our [PAZ and EAC](#) document.

An evacuation order might include all or just a portion of the 10-mile zone around the Surry Power Station. Familiarize yourself with the routes indicated on your map and highlight these routes if you print a copy. When you drive on these roads, make a mental note that you might use them in an evacuation, and write down the directions to your EAC.

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## **EAC Locations**

### **Isle of Wight County**

- Smithfield Middle School, 14175 Turner Drive, Smithfield, VA 23230

### **James City County**

- Charles City County School Complex, 10039 Courthouse Road, Charles City, VA 23020
- Hampton Coliseum, 1000 Coliseum Drive, Hampton, VA 23666

### **Surry County**

- L.P. Jackson Middle School, 4255 New Design Road, Dendron, VA 23839

### **York County**

- Grafton School Complex, 405 Grafton Drive, Yorktown, VA 23692

- Tabb High School, 4431 Big Bethel Road, Yorktown, VA 23693
- Poquoson High School, 51 Odd Road, Poquoson, VA 23662
- New Kent County High School, 7365 Egypt Road, New Kent, VA 23124

## **City of Newport News**

- Warwick High School, 51 Copeland Lane, Newport News, VA 23601
- Hines Middle School, 561 McLawhorne Drive, Newport News, VA 23601
- Gildersleeve Middle School, 1 Minton Drive, Newport News, VA 23606

## **City of Williamsburg**

- New Kent County High School, 7365 Egypt Road, New Kent, VA 23124

**Note:** In an actual emergency, it is possible that not all Protective Action Zones need to evacuate. Listen carefully to instructions specific to your area.

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## **Local Radio and Television Stations**

When sirens sound, find a local radio or TV station that is broadcasting emergency information. Emergency officials will provide critical instructions in an emergency, such as evacuation orders or how to safely stay where you are. The event may affect each area differently, so listen carefully for instruction and guidance specific to your location.

## **Emergency Alert System Radio Stations**

WRVA 1140 AM Richmond  
WRXL 102.1 FM Richmond  
WRNL 910 AM Richmond  
WRVQ 94.5 FM Richmond  
WGH 1310 AM Newport News  
WGH 97.3 FM Newport News  
WHRV 89.5 FM Norfolk  
WHRO 90.3 FM Norfolk  
WXGM 99.1 FM Gloucester  
WAFX 106.9 FM Eastern Virginia

## Emergency Alert System TV Stations

WTVR Channel 6 Richmond  
WRIC Channel 8 Richmond  
WWBT Channel 12 Richmond  
WTKR Channel 3 Norfolk  
WHRO Channel 15 Norfolk  
WVEC Channel 13 Norfolk  
WVBT Channel 43 Portsmouth  
WAVY Channel 10 Portsmouth  
WBNT Channel 27 Portsmouth  
Channel 46 York County  
Channel 48 Fort Eustis\*

**\*Note:** Fort Eustis monitor command Channel 48. For radiological information relating to Surry Power Station, tune in to one of the local broadcasting stations listed above.

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## Emergency Management Coordinator/Official

- Isle of Wight County: 757-365-6308, 24-hour number 757-357-2151
- James City County: 757-564-2140, 24-hour number 757-566-0112
- Surry County: 757-294-5205, 24-hour number 757-294-5264
- York County: 757-890-3600, 24-hour number 757-890-3621
- City of Newport News: 757-269-2900, 24-hour number 757-247-2500
- City of Williamsburg: 757-220-6225, 24-hour number 757-890-3621

## The Virginia Department of Emergency Management

- Call VDEM at 804-897-6500 or toll free at 866-782-3470.
- Important emergency preparedness information for all hazards is available at [www.ReadyVirginia.gov](http://www.ReadyVirginia.gov)
- Emergency response information is available at [www.vaemergency.gov](http://www.vaemergency.gov)
- Email: [pio@vdem.virginia.gov](mailto:pio@vdem.virginia.gov)

## 211 - Virginia

Call 211 Virginia for information about school closures, Evacuation Assembly Centers, Disaster Preparedness and other emergency topics.

- Write to: Virginia Department of Emergency Management, 10501 Trade Court, Richmond, VA 23236-3713

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## More Information

Visit the Surry Power Station [Information Center](#) to learn more about nuclear energy firsthand. To assist us in accommodating you with special requirements or needs, we ask that you contact us in advance by calling 757-357-5410. For more information about nuclear power station operations and preparedness, you can also call Dominion Energy toll-free: 800-814-8262.

Send mail to:

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Nuclear Emergency Preparedness  
Innsbrook Technical Center  
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Glen Allen, VA 23060