

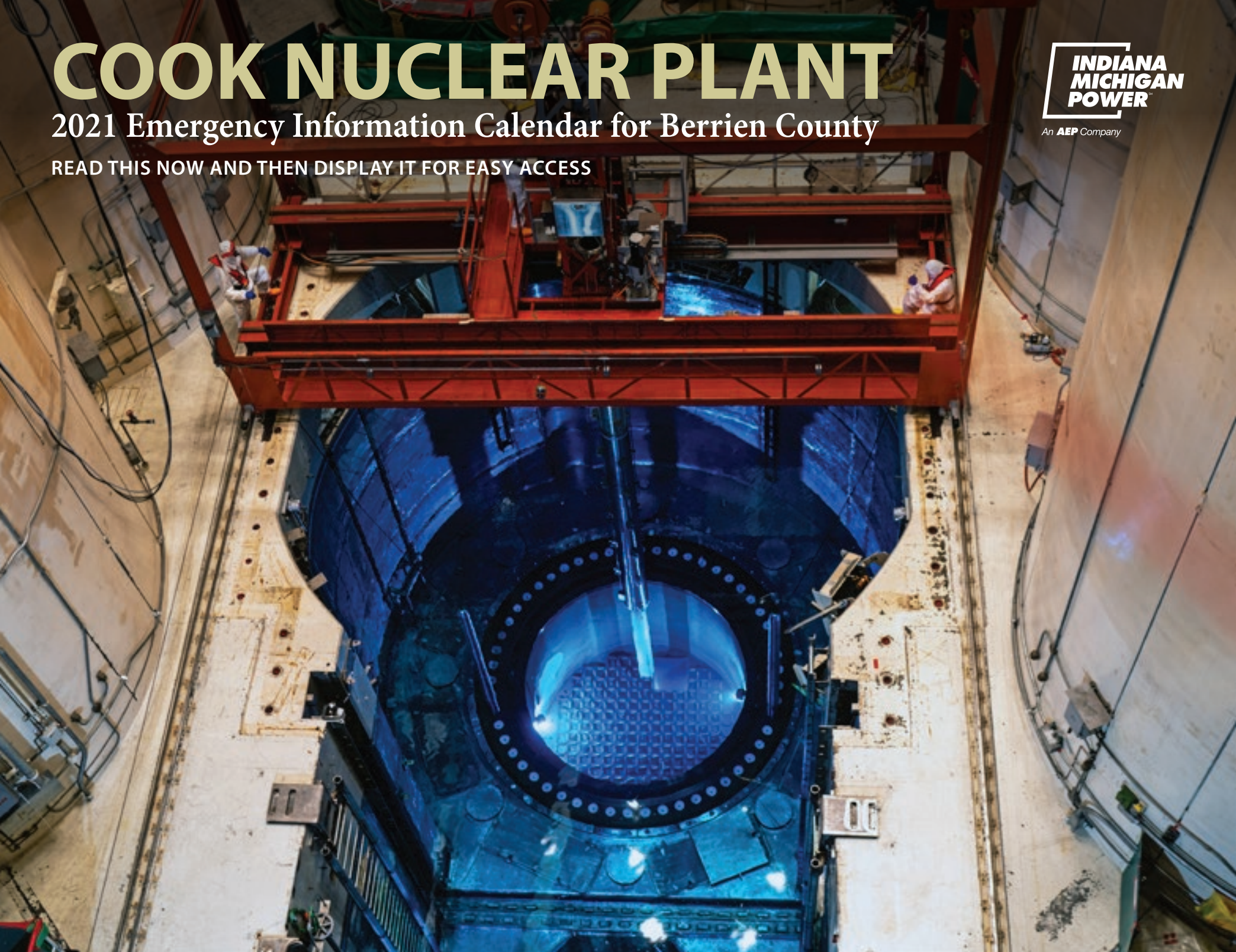
COOK NUCLEAR PLANT

2021 Emergency Information Calendar for Berrien County

READ THIS NOW AND THEN DISPLAY IT FOR EASY ACCESS



An AEP Company



READ THROUGH THIS CALENDAR NOW AND THEN DISPLAY IT FOR EASY ACCESS

Dear Berrien County Resident:

This calendar tells you exactly what to do if there is a serious emergency in Berrien County. That's why the information it contains is vitally important.

Read this emergency information now. Then display it where you can access it quickly. This calendar is published especially for people who live, work or go to school within 10 miles of the Cook Nuclear Plant in Bridgman. It is also for use by boaters, campers and all visitors to the area.

The best way to be safe in an emergency is to know what to do and how to help others. In this calendar you will learn what to do if there is a nuclear accident, chemical spill or an emergency weather condition such as a tornado or another dangerous condition.

Please share this information. Make sure your family knows what to do if an emergency occurs. Talk over the information with people at your work. Discuss it with your neighbors and friends. Find out if anyone in your neighborhood or workplace will need functional help in an emergency. Inform your neighbors or co-workers if you will need functional help. If you know people who are blind or have difficulty reading, please read this information to them. Make sure they understand it. We want everyone in our communities to be prepared to handle emergencies calmly and safely.

Sincerely,

*Indiana Michigan Power
Berrien County Emergency Management Office
Michigan State Police Emergency Management and Homeland Security Division*

CALL IF YOU HAVE QUESTIONS OR REQUESTS

Please call or write either of the offices below if you:

- Have questions or comments about the calendar.
- Need more information about emergency preparedness.
- Need more copies of the calendar.
- Would like to schedule a guest speaker to discuss the Berrien County Emergency Plan with your organization, company or service club.

COOK ENERGY INFORMATION CENTER

800-548-2555
One Cook Place | Bridgman, MI 49106
www.cookinfo.com
www.aep.com

BERRIEN COUNTY SHERIFF'S OFFICE BERRIEN COUNTY EMERGENCY MANAGEMENT

269-983-7111, Ext. 4915
919 Port Street | St. Joseph, MI 49085
www.bcsheff.org

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The Cook Plant's control room operators understand the importance of social distancing.

IMPORTANT: PLEASE READ NOW

New Emergency Alert System for Berrien County Coming in February 2021

This year, the Berrien County Sheriff Department's Emergency Management and Homeland Security Division and Cook Nuclear Plant plan to stop using the current siren emergency alert system and fully implement the U.S. Department of Homeland Security Federal Emergency Management Agency IPAWS (FEMA Integrated Public Alert & Warning System) on February 5, 2021. On the next two pages, Cook Plant's Emergency Preparedness Manager Kevin Simpson and Berrien County Coordinator of Emergency Management and Homeland Security Rocky Adams talk about the new system and why this is a major improvement in sending you and your community emergency and life-saving information.



Cook Plant's Emergency Preparedness Manager Kevin Simpson (right) and Berrien County's Coordinator of Emergency Management and Homeland Security Rocky Adams (left) review the Emergency Planning Zone map of Berrien County. See page 17 of this calendar for more information.

WHY IS THE LOCAL EMERGENCY WARNING SIREN SYSTEM BEING DISCONTINUED?

Rockey: The 70 sirens distributed throughout a 10-mile Emergency Planning Zone surrounding the Cook Nuclear Plant in Bridgman, Mich., have proven to be a reliable, early-warning system that can reach anyone within the vicinity of the siren. But there are limitations:

- **Sirens only sound an alert to get your attention.** They do not give instructions. They do not tell you why the siren is sounding. When people hear the sirens, they do not know what to do next. Often their first reaction is "Is this a test?" or "Did someone inadvertently activate it?"
- **Some areas of Berrien County do not have siren coverage** because the sirens are only located within a 10-mile radius of the Emergency Planning Zone.

• **Some people cannot hear the sirens.** Individuals with diminished hearing or hearing impairments cannot detect the sirens. Another growing concern is that recently built houses and buildings are better constructed and insulated so they are more soundproof. On cold days, when people are inside, it's harder to hear the sirens. Our emergency alert sirens, as loud as they are, are designed for outdoor warnings.

• **Sirens occasionally get confused with other alert sounds.** The County occasionally gets calls about sirens that are going off. What these callers are actually hearing is a nearby fire station calling volunteer firefighters, or emergency vehicle sirens, or even a wood chipper was mistaken for a siren. We need to mitigate that confusion.

- **Out-of-town visitors from states that have frequent tornadoes tend to ignore our sirens.** When they hear the sirens on a beautiful day, they often do not take action. That could have dangerous consequences.
- **Sirens must endure the outdoor elements.** While Indiana Michigan Power maintains them, they are still susceptible to local severe weather damage.

WHAT IS IPAWS?

Rockey: The Integrated Public Alert & Warning System (IPAWS) is FEMA's national system for local alerting. It delivers authenticated emergency and life-saving information to the public through mobile phones using Wireless Emergency Alerts, to radio and television via the Emergency Alert System, and on the National Oceanic and Atmospheric Administration's Weather Radio.

"Think of IPAWS as putting an emergency alert siren in everyone's pocket."

- Rocky Adams

IPAWS allows the County to send out a consistent alert message that gets the attention of the public. It tells them where to seek more information and drives them to take action faster. The other advantage of the system is that it is designed to integrate new communications technologies as they become available.

WHEN WILL THE COUNTY START USING IPAWS FOR NUCLEAR EMERGENCY ALERTS?

Rockey: Our goal is to fully implement IPAWS for nuclear emergency alerts by February 5, 2021. IPAWS has been part of the County's emergency alert system since 2013, but we had to get nuclear regulatory approval to use it for nuclear emergency alerts.

New Emergency Alert System continues on next page ...

NEW EMERGENCY ALERT SYSTEM

... continued from previous page

WHO SENDS OUT THE EMERGENCY ALERTS ON THE NEW SYSTEM?

Kevin: The Berrien County Emergency Management and Homeland Security Division will send out messages via IPAWS and B-WARN! (Berrien County's opt-in notification system). In the unlikely event of a nuclear accident or another emergency, Cook Plant and State Authorities will provide the emergency alert information and instructions that the County will include in the text and email messages.

HOW OFTEN WILL YOU TEST IPAWS?

Rockey: The public will receive a test alert on the first Friday of every month at 3 p.m., beginning on February 5, 2021. The test will go out through WEA and B-WARN!.

WILL THE PUBLIC KNOW WHEN THE NEW EMERGENCY ALERT SYSTEM IS UP AND RUNNING?

Rockey: As soon as the Berrien County Sheriff Department is ready to implement IPAWS for nuclear emergency alerts, it will post the information on its website (www.bcsheriff.org), through press releases and social media.

WILL INDIANA MICHIGAN POWER REMOVE THE SIRENS?

Kevin: Eventually. Indiana Michigan Power is working on a plan to dismantle the siren system.

GLOSSARY OF ACRONYMS

B-WARN!: Berrien Warning Alert and Regional Notifications

EAS: Emergency Alert System

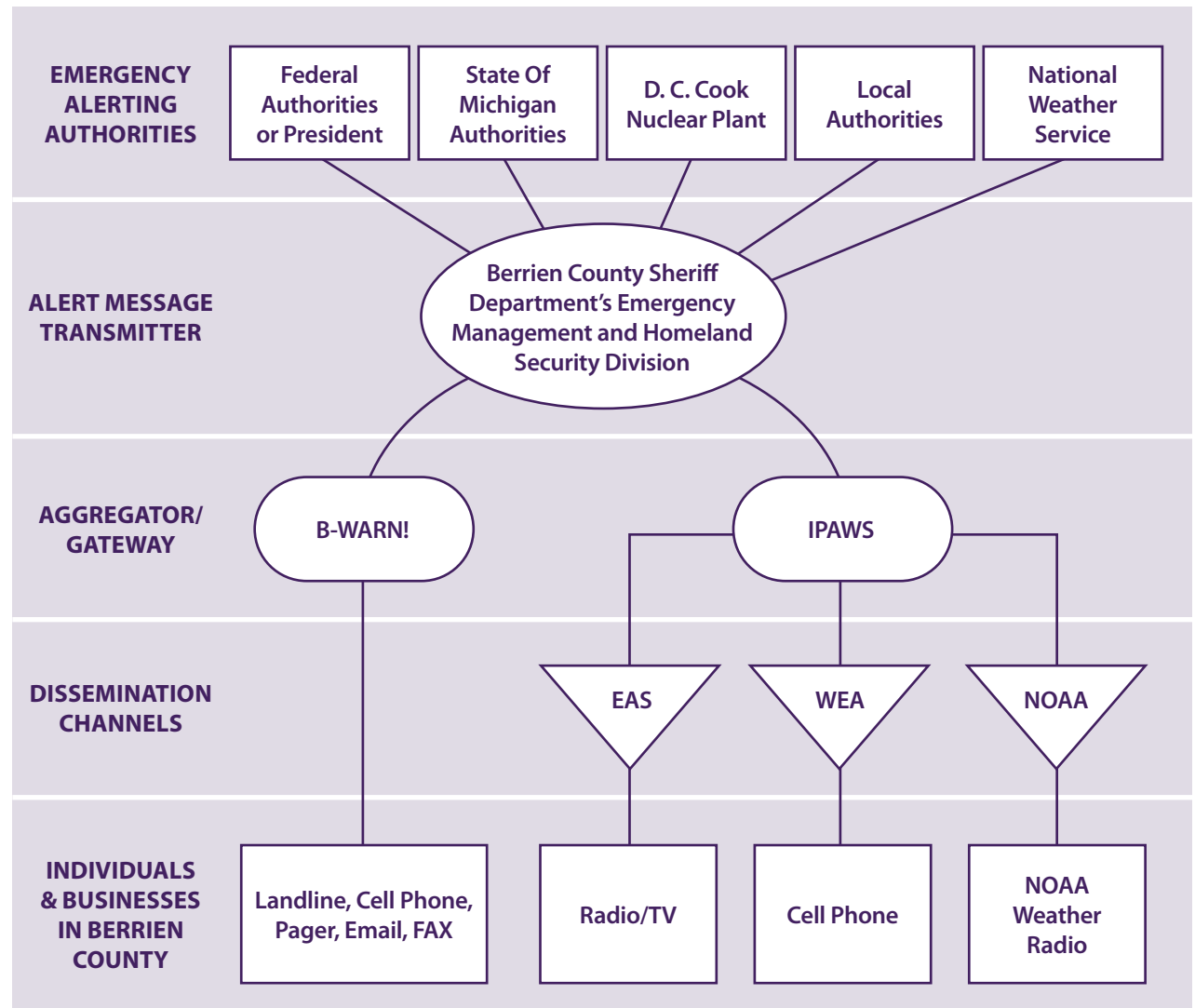
FEMA: Federal Emergency Management Agency

IPAWS: Integrated Public Alert & Warning System

NOAA: National Oceanic and Atmospheric Administration

WEA: Wireless Emergency Alerts

BERRIEN COUNTY EMERGENCY ALERT SYSTEM 2021



The FINAL Siren Emergency Warning Test is at 1 p.m. on Saturday, January 2, 2021.

The test will consist of a short siren sound lasting less than a minute.

If you hear a siren that lasts for three to five minutes on any other date or at any other time during the month of January 2021, tune to a radio or TV station listed below.

WHAT TO DO IF YOU RECEIVE AN EMERGENCY ALERT

In Berrien County, we use IPAWS wireless emergency alerts, B-WARN! alerts and alerts over TV or radio broadcasts to let you know a serious emergency is happening. Such emergencies include a nuclear accident, chemical spill, severe weather or other possible dangerous condition in our county that requires you to take action for safety. Learn more about IPAWS online by visiting the Emergency Management Division webpage at www.bcsheriff.org and look for the public warning system section.

If you receive an alert, tune to any TV station or radio station listed in this section, or check your cell phone or another wireless communication device for emergency messages.

IPAWS is FEMA's national alert warning system that delivers messages via WEA, EAS and NOAA weather radio. You need to sign up for the other alert system the county uses called B-WARN! More details are on page 16.

- **Cell phones and other wireless devices receive IPAWS Wireless Emergency Alerts (WEA).** These are text-like alerts that loudly alert your phone if the setting to receive local emergency alerts is turned on. If your wireless carrier participates in the WEA system you will receive emergency alerts automatically. WEA messages are not charged to your wireless data plan. You may need to turn on this feature to receive the alerts and you may need to separately turn on the ability to receive a test alert. Contact your phone provider or store for assistance on how to turn these settings on.
- **Emergency Alert System (EAS) messages are sent through TV and radio stations.** All of the TV and radio stations listed here are part of the EAS. Some of the stations may experience a delay in getting emergency information out due to computerized programming or limited broadcast scheduling. Check all of the listed stations until you find one that is broadcasting emergency information.
- **NOAA Weather Radios will also alert and broadcast emergency information** when the National Weather Service Forecast Office in Northern Indiana activates them at the request of County officials.
- **B-WARN! is a system you sign up for.** It allows you to enter landline phone numbers, cell numbers, text message numbers, pagers, email, and fax numbers to be alerted in an emergency. This system also allows you to enter addresses for places you want to be alerted even if you are not there, such as a child's school or your home while you are away. Learn more and sign up at www.bcsheriff.org. Look for the section marked "Sign up for emergency alerts" on the Emergency Management & Homeland Security Division page. Or fill out and mail the Functional Needs card on page 17.

If you believe, for whatever reason, the above methods will not be able to alert you, please see the Functional Needs card on page 17.

VACATIONERS AND VISITORS:

If you receive an emergency alert while vacationing or visiting in the area, seek shelter indoors. Tune to one of the TV or radio stations listed on this page. Follow all directions given by park officials, sheriff and police officers. If possible, during a weather emergency do not stay in your vehicle. It is not safe!

BOATERS AND CAMPERS:

If you receive an emergency alert while boating, do not wait for further warning. Tune to the marine channel 16 (156.8 MHz) or to an area AM/FM radio station listed below for emergency information. Mariners are encouraged to keep their radios tuned to channel 16 when on Lake Michigan to receive emergency information. Marine patrol boats will also warn boaters on Lake Michigan if there is a serious emergency. You will be told the location of safe waterways and docking areas.

If you receive an emergency alert while camping, hiking, swimming or visiting area parks, follow all emergency instructions from park officials. At Warren Dunes and Grand Mere state parks, officials will use the public address system or mobile alert units to let you know what to do. At other local parks, immediately tune to an area radio station listed below and follow instructions.

IPAWS is tested on the first Friday of each month at 3 p.m.

Emergency Alert System (EAS) area radio and TV stations

Tune to one of these radio or TV stations for emergency information. All call letters are accurate at the time of printing. All stations are on the air 24 hours. Check your cable or satellite provider for your channel lineup.

Radio				
AM	FM			
WHFB - 1060	WAUS - 90.7	WEFM - 95.9	WQLQ - 99.9	WCSY - 103.7
WNIL - 1290	WSJM - 94.9	WYTZ - 97.5	WAOR - 102.7	WIRX - 107.1
WSJM - 1400	WTRC - 95.3	WCXT - 98.3		
TV				
WNDU - NBC 16	WNDU - 16.2	WSBT - CBS 22.1	WBND - ABC 57	
WNDU - NBC 16.1	WSBT - CBS 22	WSBT - FOX 22.2	WBND - ABC 57.1	

FOLLOW ALL BROADCAST INSTRUCTIONS PROMPTLY. The radio or TV announcer will tell you what actions you should take, if any.



January

NAKED TREE | GALIEN
David Coulston | Niles

JANUARY

SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY

SAFETY TIP: Learn more about IPAWS, Berrien County's Integrated Public Alert & Warning System and how you can sign up to receive text alerts and emergency information on your mobile device on page 16.



Start taking photos for next year's calendar! See page 22.

1 NEW YEAR'S DAY
KWANZAA ENDS

2 FINAL SIREN TEST
at 1 p.m.

3

4

5

6

7

8

9 Family Day at Krasl Art Center
St. Joseph

10

11

12

13 Krasl Art Center's Family Night
at Benton Harbor Public Library

14

15

16

17

18 MARTIN LUTHER
KING JR. DAY

19

20 INAUGURATION DAY

21

22 Krasl Art Center Exhibitions
open + Jennifer Zona in the
artlab, St. Joseph

23

24

25 Winter classes begin
Krasl Art Center, St. Joseph

26

27

28

29

30 St. Joe Winter Beer Fest
Downtown St. Joseph

31



February

LEAVING THE STATION | ST. JOSEPH
Shaena Lorenz | St. Joseph

FEBRUARY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2 <small>GROUNDHOG DAY</small>	3	4	5 First IPAWS Test at 3 p.m. (See page 3 for more information.) <small>Magical Ice Fest, Feb. 5-7 Downtown St. Joseph</small>	6  NO SIREN TEST
7	8	9	10 <small>Krasl Art Center's Family Night at Benton Harbor Public Library</small>	11	12	13 <small>Family Day at Krasl Art Center St. Joseph</small>
14 <small>VALENTINE'S DAY</small>	15 <small>PRESIDENTS' DAY</small>	16 <small>MARDI GRAS</small>	17 <small>ASH WEDNESDAY LENT BEGINS</small>	18	19	20
21	22	23	24	25	26	27
28	 <p>Seeking photographs of all four seasons in beautiful Berrien County. Details on page 22.</p>		<p>SAFETY TIP: We will test the IPAWS emergency warning system on February 5. You will need to change the settings on your mobile devices to receive the test notification. For more information, read page 16.</p>			


March

BARN SUNSET | BERRIEN SPRINGS

Molly Pate | Berrien Springs



MARCH

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3	4	5 IPAWS Test at 3 p.m. (See page 3 for more information.)	6  NO SIREN TEST
7	8	9	10 <small>Krasl Art Center's Family Night at Benton Harbor Public Library</small>	11	12 <small>March Mannequins Downtown St. Joseph</small>	13 <small>Family Day at Krasl Art Center St. Joseph St. Patrick's Evening Lighted Parade, Coloma</small>
14 <small>DAYLIGHT SAVING TIME BEGINS</small>	15	16	17 <small>ST. PATRICK'S DAY</small>	18	19	20 <small>FIRST DAY OF SPRING VERNAL EQUINOX</small>
21	22	23	24 <small>Buchanan Chili Walk Downtown Buchanan</small>	25	26	27 <small>PASSOVER BEGINS</small>
28 <small>PALM SUNDAY</small>	29	30	31	SAFETY TIP: Will you or someone you know need extra help in the event of an emergency? Fill out and mail the Functional Needs postcard on pages 17 and 18 today.		



April

BABY GREAT HORNED OWLS | THREE OAKS

Paul Lawson | New Carlisle

APRIL

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>SAFETY TIP: Read pages 1-3 and pages 16-21 for important emergency information. Then display this calendar where you can access it fast.</p>				1 LENT ENDS	2 IPAWS Test at 3 p.m. (See page 3 for more information.) GOOD FRIDAY Krasl Art Center Exhibitions open: Boom Bloom + Mike Slaski in the artlab, St. Joseph	3  NO SIREN TEST
4 EASTER PASSOVER ENDS	5	6	7	8	9	10 Family Day at Krasl Art Center St. Joseph
11	12 RAMADAN BEGINS	13	14 Krasl Art Center's Family Night at Benton Harbor Public Library	15 TAX DAY	16	17
18	19	20	21 ADMINISTRATIVE PROFESSIONALS DAY	22 TAKE OUR DAUGHTERS & SONS TO WORK DAY EARTH DAY	23 Art Attack, April 23-25 Harbor Country	24
25	26	27	28	29	30 ARBOR DAY	



May

SPRING CLEANING | COLOMA
Susan Sheldon | Coloma

MAY

SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY

SAFETY TIP: Get an Emergency Information Card for your boat or camper. Email cookinfo@aep.com.



Send in your best photos starting in May. See contest details on page 22.




2 Antiques on the Bluff St. Joseph	3	4	5 CINCO DE MAYO	6	7 IPAWS Test at 3 p.m. (See page 3 for more information.)	8 Family Day at Krasl Art Center St. Joseph
9 MOTHER'S DAY	10	11 RAMADAN ENDS	12 Krasl Art Center's Family Night at Benton Harbor Public Library	13	14	15 ARMED FORCES DAY
16 Bridgman Open Air Market Sundays through Oct. 17	17	18	19	20	21	22 BBQ, Blues & Bluegrass: A Taste of Michigan, St. Joseph
23	24	25	26	27	28 Memorial Day Parade St. Joseph	29 St. Joe Farmers Market Saturdays through Oct. 9
30 Weko Beach Summer Concert Bridgman	31 MEMORIAL DAY					



June

TOP FLIGHT SUNSET | BENTON HARBOR
Bill Schalk | St. Joseph

JUNE

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>SAFETY TIP: If you raise livestock, your first priority is to protect dairy cows. Read more on page 20.</p>		1	2	3 Niles Family Fun Fair & Music Festival, Jun. 3-6 Riverfront Park, Niles	4 IPAWS Test at 3 p.m. (See page 3 for more information.)	5  NO SIREN TEST St. Joe Farmers Market Saturdays through Oct. 9 Lake Bluff Artisan Faire Lake Bluff Park, St. Joseph
6 D-DAY Antiques on the Bluff St. Joseph Bridgman Open Air Market Sundays through Oct. 17	7 Summer classes begin Krasl Art Center, St. Joseph	8	9 Krasl Art Center's Family Night at Benton Harbor Public Library	10	11 Krasl Art Center Exhibition Opens: Blow Up II: Inflatable Contemporary Art, St. Joseph	12 Family Day at Krasl Art Center St. Joseph
13 Weko Beach Summer Concert Bridgman	14 FLAG DAY	15	16	17	18 Friday Night Concert Series St. Joseph	19 JUNETEENTH
20 FATHER'S DAY FIRST DAY OF SUMMER SUMMER SOLSTICE	21	22	23	24	25	26
27 Weko Beach Summer Concert Bridgman Music in the Park Baroda Village Park	28	29	30	 <p>Seeking photographs of all four seasons in beautiful Berrien County. Details on page 22.</p>		

A close-up, low-angle shot of an American flag waving in the wind. The flag is the central focus, with its stars and stripes clearly visible. The background is a bright, hazy sky at sunset or sunrise, with the sun's glow creating a lens flare effect. The flag's colors are slightly muted due to the lighting. In the foreground, there are dark, out-of-focus silhouettes of trees and bushes.

July

LAND OF THE FREE | WATERVLIET

Carlye Peters | Watervliet

JULY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>SAFETY TIP: In some emergencies it may be safer to stay inside rather than evacuate. Follow instructions carefully.</p>				1	2 IPAWS Test at 3 p.m. (See page 3 for more information.)	3  NO SIREN TEST Summer Art Market on the Green Saturdays Jul. 3-Aug. 28 Krasl Art Center, St. Joseph 4th of July Fireworks, St. Joseph
4 INDEPENDENCE DAY Antiques on the Bluff St. Joseph Bridgman Open Air Market Sundays through Oct. 17	5	6	7	8 Celebrate Bridgman, Jul. 8-10 Downtown Bridgman	9 Krasl Block Party Krasl Art Center, St. Joseph	10 60th Annual Krasl Art Fair on the Bluff, Jul. 10-11 St. Joseph Family Day at Krasl Art Center St. Joseph St. Joe Farmers Market Saturdays through Oct. 9
11 Weko Beach Summer Concert Bridgman	12	13	14 Krasl Art Center's Family Night at Benton Harbor Public Library	15	16 Friday Night Concert Series St. Joseph Mike Yore Memorial Car Show St. Joseph	17 Lake Bluff Artisan Faire Lake Bluff Park, St. Joseph
18	19	20	21	22	23	24
25 Weko Beach Summer Concert Bridgman Music in the Park Baroda Village Park	26	27	28	29	30	31



August

SUNFLOWER AND THE BEE | BENTON HARBOR
Elizabeth Hesburgh | Mishawaka

AUGUST

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
<p>1 Antiques on the Bluff St. Joseph Bridgman Open Air Market Sundays through Oct. 17</p>	<p>2</p>	<p>3</p>	<p>4</p>	<p>5</p>	<p>6 IPAWS Test at 3 p.m. (See page 3 for more information.) Chalk the Block, Aug. 6-8 Downtown St. Joseph Coloma Glad Peach Festival Aug. 6-8</p>	<p>7  NO SIREN TEST Fort St. Joseph Archaeology Open House, Aug. 7-8, Niles</p>	
<p>8 Weko Beach Summer Concert Bridgman</p>	<p>9</p>	<p>10</p>	<p>11 Krasl Art Center's Family Night at Benton Harbor Public Library</p>	<p>12</p>	<p>13</p>	<p>14 St. Joe Farmers Market Saturdays through Oct. 9 Summer Art Market on the Green Saturdays Jul. 3-Aug. 28 Krasl Art Center, St. Joseph Family Day at Krasl Art Center St. Joseph</p>	
<p>15</p>	<p>16 Berrien County Youth Fair Aug. 16-21, Berrien Springs</p>	<p>17</p>	<p>18</p>	<p>19</p>	<p>20 Friday Night Concert Series St. Joseph</p>	<p>21</p>	
<p>22 Weko Beach Summer Concert Bridgman Music in the Park Baroda Village Park</p>	<p>23</p>	<p>24</p>	<p>25</p>	<p>26</p>	<p>27</p>	<p>28 George Krasl Memorial Concert Krasl Art Center, St. Joseph</p>	
<p>29</p>	<p>30</p>	<p>31</p>	<p>SAFETY TIP: Be prepared. Make an emergency kit. See pages 17 and 22 for ideas.</p>				 <p>Submit your best shot by Sept. 8. See contest rules on page 22.</p>



September

HIDDEN GEMS | STEVENSVILLE

Brendan Walsh | Bridgman

SEPTEMBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>SAFETY TIP: If you are told to seek shelter or stay indoors, DO NOT pick up your children from school or day care until you are told it is safe to do so by authorities. Your child's school may move to another location for safety or as a precaution and you will be notified where to pick them up when it is safe.</p>			1	2	3 IPAWS Test at 3 p.m. (See page 3 for more information.)	4  NO SIREN TEST St. Joe Farmers Market Saturdays through Oct. 9 Lake Bluff Artisan Faire Lake Bluff Park, St. Joseph
5 Antiques on the Bluff St. Joseph Weko Beach Summer Concert Bridgman Bridgman Open Air Market Sundays through Oct. 17	6 LABOR DAY ROSH HASHANAH BEGINS	7	8 ROSH HASHANAH ENDS Krasl Art Center's Family Night at Benton Harbor Public Library Cook Nuclear Plant 2022 calendar photo contest deadline	9	10	11 PATRIOT DAY Family Day at Krasl Art Center St. Joseph
12	13 Fall classes begin Krasl Art Center, St. Joseph	14	15 YOM KIPPUR BEGINS	16 YOM KIPPUR ENDS	17 Friday Night Concert Series Final concert, St. Joseph	18 Annual Fall Fest Downtown St. Joseph Lake Bluff Artisan Faire Lake Bluff Park, St. Joseph
19	20	21	22 FIRST DAY OF FALL AUTUMNAL EQUINOX	23	24	25
26	27	28	29	30 Four Flags Area Apple Festival Sept. 30-Oct. 3 Downtown Niles	 <p>Submit your best shot by Sept. 8. See contest rules on page 22.</p>	

October

AUTUMN TAPESTRY | STEVENSVILLE

Jessica Walsh | Bridgman



OCTOBER

SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY

SAFETY TIP: If you have questions about the emergency information in this calendar, email us at cookinfo@aep.com.



Seeking photographs of all seasons in Berrien County for the 2022 calendar. See page 22.

1 IPAWS Test at 3 p.m. (See page 3 for more information.)



Chapel Hill Arts & Crafts Show, Berrien County Youth Fairgrounds, Berrien Springs

3 Antiques on the Bluff, St. Joseph
Bridgman Open Air Market
Sundays through Oct. 17

4

5

6

7

8 Krasl Art Center Exhibition Opens:
American Society of Marine Artists
St. Joseph

9 St. Joe Farmers Market
Saturdays through Oct. 9
Family Day at Krasl Art Center
St. Joseph

10

11

12

13 Krasl Art Center's Family Night
at Benton Harbor Public Library

14

15

16 SWEETEST DAY

17

18

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20

21

22

23

24

25

26

27

28

29 Trick-or-Treat
Downtown St. Joseph
& Benton Harbor Arts District

30

31 HALLOWEEN

November

GRAND SUNSET | STEVENSVILLE

Keith Blaske | Niles



NOVEMBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 ALL SAINTS' DAY	2 ELECTION DAY	3	4	5 IPAWS Test at 3 p.m. (See page 3 for more information.) Soups On! Nov. 5-6 Krasl Art Center, St. Joseph	6  NO SIREN TEST St. Joe Lions Arts and Crafts Show St. Joseph High School Field House
7 DAYLIGHT SAVING TIME ENDS	8	9	10 Krasl Art Center's Family Night at Benton Harbor Public Library	11 VETERANS' DAY	12	13 Family Day at Krasl Art Center St. Joseph
14	15	16	17	18	19 Luminary Festival Downtown St. Joseph	20 Annual Holiday Open House Niles History Center
21	22	23	24	25 THANKSGIVING	26	27 Small Business Saturday Downtown St. Joseph
28 HANUKKAH BEGINS	29	30	SAFETY TIP: Minimize telephone or internet use during a serious emergency. It is important to keep lines open for emergency use.			




December

ICE PIER | ST. JOSEPH

Jackie Peters | St. Joseph

DECEMBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>SAFETY TIP: If you have not received your 2022 Emergency Information Calendar by December 21, email cookinfo@aep.com.</p>			1	2	3 IPAWS Test at 3 p.m. (See page 3 for more information.) Window Wonderland Downtown St. Joseph Krasl Art Center Exhibition Opens: 2021 Members' Show, St. Joseph	4  NO SIREN TEST Reindog Holiday Parade, Downtown St. Joseph Santa's House open: 5-7 p.m. Downtown St. Joseph
5 Santa's House open: 1-5 p.m. Downtown St. Joseph Christmas in the Village Baroda	6 HANUKKAH ENDS	7 PEARL HARBOR REMEMBRANCE DAY	8 Krasl Art Center's Family Night at Benton Harbor Public Library	9 Santa's House open: 4-6 p.m. Downtown St. Joseph	10 Santa's House open: 4-6 p.m. Downtown St. Joseph	11 Family Day at Krasl Art Center St. Joseph Santa's House open: Noon-5 p.m. Downtown St. Joseph
12 Santa's House open: 1-5 p.m. Downtown St. Joseph	13	14	15	16 Santa's House open: 4-6 p.m. Downtown St. Joseph	17 Santa's House open: 4-6 p.m., Downtown St. Joseph	18 Santa's House open: Noon-5 p.m. Downtown St. Joseph
19 Santa's House open: Noon-5 p.m. Downtown St. Joseph	20 Santa's House open: Noon-5 p.m. Downtown St. Joseph	21 FIRST DAY OF WINTER WINTER SOLSTICE Santa's House open: Noon-5 p.m. Downtown St. Joseph	22 Santa's House open: Noon-5 p.m. Downtown St. Joseph	23 Santa's House open: Noon-5 p.m. Downtown St. Joseph	24 CHRISTMAS EVE	25 CHRISTMAS DAY
26 KWANZAA BEGINS	27	28	29	30	31 NEW YEAR'S EVE	

INTEGRATED PUBLIC ALERT & WARNING SYSTEM (IPAWS) & B-WARN!

On February 5, 2021, the Berrien County Sheriff Department's Emergency Management and Homeland Security Division will use two alert systems simultaneously, IPAWS and B-WARN!. Together, they will inform the majority of people in Berrien County of any emergencies or hazards. Messages will be sent to residents, workers, visitors, boaters, campers and travelers in the County.

IPAWS GETS YOUR ATTENTION ON THE VARIOUS COMMUNICATION DEVICES YOU USE SO YOU CAN TAKE ACTION FASTER IN AN EMERGENCY.

The Integrated Public Alert & Warning System (IPAWS) is FEMA's national system for local alerting. It delivers consistent, authenticated emergency and life-saving information to you and the public through mobile phones using Wireless Emergency Alerts (WEA), to radio and television via the Emergency Alert System (EAS), and on the National Oceanic and Atmospheric Administration's Weather Radio (NOAA). IPAWS messages will tell you where to seek more information so you can act quickly.

IPAWS is tested on the first Friday of each month at 3 p.m. starting in February.

To receive the test alerts, you likely will need to change the settings on your cell or mobile phone. See the instructions in the Wireless Emergency Alerts (WEA) section on this page.

WEA – MAKE SURE THE SETTING TO RECEIVE LOCAL EMERGENCY ALERTS ON YOUR CELL PHONE IS TURNED ON.

Wireless Emergency Alerts (WEA) are short, text-like emergency messages that come from authorized federal, state, local, tribal and territorial public alerting authorities. These alerts are broadcast from cell towers to any WEA-enabled mobile device in a locally targeted area. WEA have a unique tone and vibration, both repeated twice.

If your wireless carrier participates in the WEA system you will receive emergency alerts automatically. There is no need to download an app. To find out if your phone can receive Wireless Emergency Alerts, contact your wireless provider. All the major providers participate in WEA voluntarily. There is no charge to your wireless data plan when you receive WEA messages.

MAKE SURE YOU CAN RECEIVE WEA AND TEST ALERTS ON YOUR CELL PHONE.

To ensure that you receive WEA as well as test alerts at 3 p.m. on the first Friday of the month (starting February 5, 2021):

- ▶ Contact your cell phone provider to see if they participate in WEA.
- ▶ Turn off your "airplane mode" setting.
- ▶ Check your notification settings menu. Turn on "opt-in to receive alerts" setting.

If your cell phone provider does not participate in WEA, make sure to sign up for Berrien County's B-WARN!. It's easy. See the instructions on this page.

EAS MESSAGES ARE SENT THROUGH TV AND RADIO STATIONS.

All of the 24-hour TV and radio stations listed on page 3 are part of the EAS. Some of the stations may experience a delay in getting emergency information out due to computerized programming or limited broadcast scheduling. Check all of the listed stations until you find one that is broadcasting emergency information.

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION'S WEATHER RADIO (NOAA)

This is a nationwide network of radio stations broadcasting continuous, 24-hours per day, weather information directly from the nearest National Weather Service (NWS) office. (Our station is in Northern Indiana.) NOAA Weather Radio can send out warnings and post-event information for all types of hazards including weather (tornadoes, blizzards); natural disasters

(floods, earthquakes, forest fires); chemical spills or releases, nuclear power plant emergencies and national emergencies (terrorist attacks).

Boaters, if you receive an emergency alert, immediately tune to the marine channel 16 (156.8 MHz) or an area radio or TV station listed on page 3. You will be told the location of safe waterways and docking areas. Marine patrol boats will also warn boaters on Lake Michigan if there is a serious emergency.

B-WARN! SENDS ALERTS TO MORE THAN YOUR WIRELESS DEVICES. SIGN UP ONLINE TODAY.

B-WARN! is an "Opt-In" notification service that allows the Berrien County Sheriff's Office to alert you during an emergency. When you sign up you choose how you want to be notified. This includes receiving voice messages on your landline phone, text messages on your cell phone as well as pager, email and fax messages. When you sign up you also can designate the locations where you want the County to send the B-WARN! messages.



Sign up at www.bcsheiff.org.

On the site's homepage:

1. Click on the Divisions tab and select Emergency Management & Homeland Security Division from the sidebar.
2. Click the B-WARN! Button.
3. Click the Sign Up Today button.
4. Create an account.
5. Fill out the online form and submit it.

If you believe, for whatever reason, the above methods will not be able to alert you, please see the Functional Needs card on page 17.

WHAT TO DO IF YOU ARE TOLD TO SEEK SHELTER OR STAY INDOORS

For most emergencies, it is safer to stay indoors. The wind will blow any toxic or poisonous fumes and gases away in a short time. During a severe weather emergency, buildings offer the best protection, especially basements. While indoors, do the following:

- ▶ **Keep calm.** Panic is your worst enemy in any emergency.
- ▶ **Close all windows and doors and bring pets inside.**
- ▶ **Turn off all air-intake systems** such as fans and air conditioners. Turn down the furnace thermostat. Close fireplace dampers.
- ▶ **If your building has a basement, take a radio and go there.**
- ▶ **Do not go outside until you are told it is safe to go out or are told to evacuate.** If you must go outdoors briefly to warn someone during a nuclear emergency, cover your nose and mouth with a cloth towel or scarf.
- ▶ **Do not use the telephone or the internet** unless it is absolutely necessary. It's important to keep telephone lines open for emergency use.
- ▶ **Stay out of your car or vehicle in a weather emergency.** Seek shelter in the basement of a nearby building or a ditch until the weather emergency passes.
- ▶ **Do not pick up children from schools or day care centers.** School staff and child caregivers will keep children in school until it is safe to go out again. Listen for directions on TV or radio stations (see page 3) about where and when they can be picked up.
- ▶ **Do not worry if you or family members are in a hospital** or other special-care facility, as they also have emergency procedures.

PLAN AHEAD FOR SHELTERING-IN-PLACE

- ▶ **Have ready access to:**
 - A battery-operated radio and flashlight plus extra batteries.
 - Seven- to ten-days' supply of your and your household members' prescriptions and medications.
 - Three-days' supply of non-perishable food and beverages for your household and pets.

ANYONE WITH FUNCTIONAL NEEDS: If you might need special help in an emergency, fill out the card on page 17 and mail it right away. You can also fill it out online at www.bcsheriff.org.

WHAT TO DO IF YOU ARE TOLD TO EVACUATE

- ▶ **Only call 911 if you are experiencing an emergency.** If you have a general question or need advice, use the Cook Nuclear Public Inquiry Hotline: 866-362-3105.
- ▶ **Listen to the radio or TV (see page 3) for instructions.** They will give you evacuation routes and directions to open Public Reception Centers.
- ▶ **Go directly to a Public Reception Center and register.** Follow the broadcasted evacuation route instructions to the nearest open Public Reception Center. Please register when you arrive so family and friends will know where you are. After you have registered you may go to stay with friends or family who live outside the danger area. If you prefer, you will be assigned to a safe, nearby gathering place.
- ▶ **Stay calm.** You and others with you should have time to get ready to leave safely.
- ▶ **Take only essential items.** Pack as if you were going on a trip for only a few days. Use the list on page 17 as a guide.
- ▶ **Do not take firearms, alcoholic beverages or illegal drugs.**
- ▶ **If you have functional needs and have sent in a postcard,** you will receive the necessary assistance. If you need help, listen to a local TV or radio station listed on page 3 for the telephone number you can call.
- ▶ **Have a plan for your pets.** Public Reception Centers will only accept pets if they are service animals. Make arrangements to stay with relatives, friends or at a pet-friendly hotel outside of the area. Bring pet supplies with you. Animal Control will be at Public Reception Centers to provide additional options and advice. For more information, go to ready.gov/caring-animals, PetTravel.com and PetsWelcome.com.
- ▶ **Turn off small appliances, lights and water faucets.** However, leave your refrigerator and freezer on.
- ▶ **Turn off all air-intake systems** such as fans and air conditioning. Turn down the furnace thermostat. Close fireplace dampers.
- ▶ **Close and lock all windows and doors.** The evacuated area will be secured and you will not be allowed to return until it is safe.
- ▶ **Check on neighbors.** Make sure they know how to evacuate and that they have transportation.

IMPORTANT: Do not pick up your children from schools or child care centers. If necessary, they will be taken to shelters outside the danger zone. Listen for directions on TV or radio stations (see page 3) about where and when they can be picked up. Do not worry if you or family members are in a hospital or other special-care facility, as they also have emergency procedures.

COOK NUCLEAR PLANT EMERGENCY PLANNING ZONE

The circled area of the map is a 10-mile radius surrounding Cook Nuclear Plant in Bridgman known as the Emergency Planning Zone (EPZ). The emergency warning system for Berrien County alerts people county-wide which includes those living within the EPZ and those who are not. When necessary, area TV and radio stations (see page 3) will alert people living inside the EPZ when there is an emergency.

Inside the EPZ are the Protective Action Areas for the Cook Nuclear Plant. During an emergency, these areas will be identified by the numbers shown on the map. For example, the TV or radio station may say, "Protective Action Area 1 must evacuate," or, "Protective Action Area 2 must take shelter." Know which Protective Action Area you live, work or are boating in so you can respond promptly to instructions.

During an emergency, listen to area TV or radio stations for official instructions on evacuating to the Public Reception Center you are to use.

PUBLIC RECEPTION CENTERS

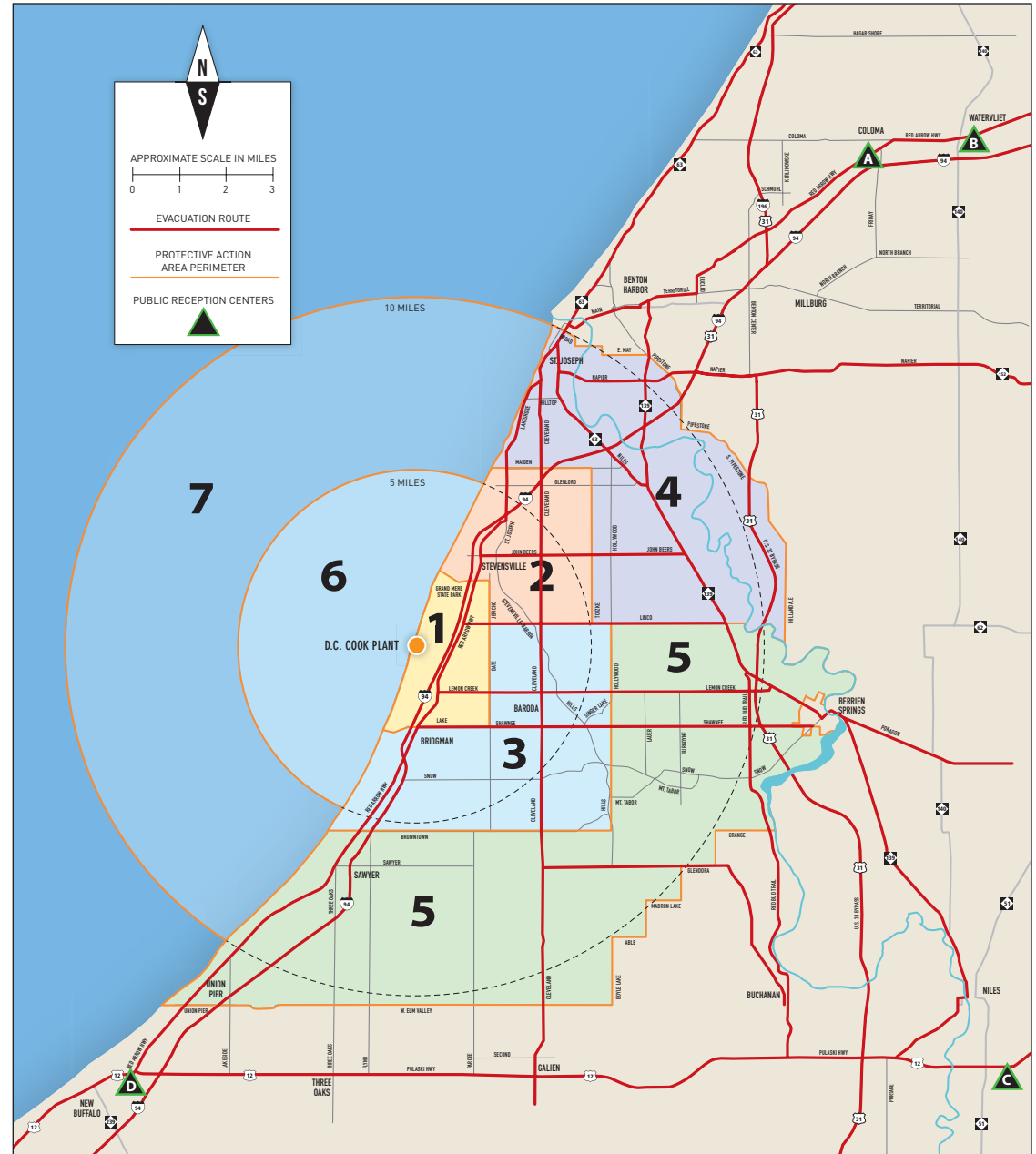
The locations of the four Public Reception Centers are listed below the map. Listen to an area radio or TV station (see page 3) to learn which Public Reception Centers are open.

WHAT TO BRING WITH YOU

- **Basics:** this calendar, cash, portable radio, flashlight, extra batteries, keys, tool kit, credit/debit cards, checkbook, wallet, purse, cell phone and charger
- **Bedding:** blankets, pillows, sleeping bags
- **Toiletries:** soap, towels, toothpaste, toothbrushes, razors, sanitary supplies
- **Special items:** special-diet foods, baby formula and bottles, diapers, favorite toys or games
- **Health supplies:** medicines, glasses, dentures, hearing aids, first-aid kit, prescription information
- **Identification:** driver's license, credit cards, important papers
- **Pet supplies:** food, water, medicines, leashes, tags

ONCE YOU ARE IN YOUR VEHICLE

- **Drive carefully.** There is no need to speed. Follow directions of all sheriff, police and traffic officers.
- **Close all windows and vents.** Shut off heating and air conditioning.
- **Listen to the radio (see page 3).** Follow emergency instructions broadcast on your car or portable radio. You will be told when it is safe to return.



A. COLOMA HIGH SCHOOL
300 W. St. Joseph St., Coloma
(Red Arrow Highway)

B. WATERVLIET HIGH SCHOOL
450 E. St. Joseph St., Watervliet
(Red Arrow Highway)

C. BRANDYWINE HIGH SCHOOL
1700 Bell Rd., Niles
(South of Niles & East of M-51)

D. NEW BUFFALO HIGH SCHOOL
1112 E. Clay St., New Buffalo
(South of US-12)

FUNCTIONAL NEEDS EMERGENCY INFORMATION CARD

It is very important that everyone stays safe during an emergency. If you or someone you know has a functional need such as vision or hearing impairments, physical or mental disabilities, no means of transportation or ability to be alerted, please inform the County by filling out this Functional Needs Emergency Information Card and mail it right away.

IF YOU MIGHT NEED SPECIAL HELP IN AN EMERGENCY:

- ▶ Please fill out the Functional Needs Emergency Information Card at the right, cut it out along the dashed line, fold and seal it, then drop it into the mail. No postage is required.
- ▶ If you prefer, you can fill out the Functional Needs information online at www.bcsheriff.org. Click on Divisions in the main navigation, then choose Emergency Management & Homeland Security Division. Click on Online Forms, then choose "Special Needs, Functional Needs, or Transportation Needs Notification." Follow the steps to complete and send the information.

When you send in the Functional Needs Information Card for yourself or another person, the Berrien County Emergency Management and Homeland Division enters the information in the B-WARN! system so they can alert you quickly in an emergency.

CUT ALONG THIS LINE

2021 FUNCTIONAL NEEDS EMERGENCY INFORMATION

If you have functional needs, please fill in this card, fold, seal it with tape and mail it today! You may also fill this out online at www.bcsheriff.org. You must send in a new card or fill out the online form every year to keep our files up-to-date.

NAME OF PERSON NEEDING HELP:

STREET ADDRESS:

CITY:

ZIP:

HOME PHONE: ()

CELL PHONE: ()

EMAIL:

If there are special directions to your home, please contact Berrien County Emergency Management at 269-983-7111, Ext. 4915.

IF YOU ARE A PART-TIME RESIDENT, PLEASE CIRCLE THE MONTHS YOU STAY IN BERRIEN COUNTY:

JAN FEB MAR APR MAY JUN JUL AUG SEPT OCT NOV DEC

YOUR FUNCTIONAL NEED (CIRCLE ALL THAT APPLY):

VISION-IMPAIRED HEARING/SPEECH-IMPAIRED WHEELCHAIR WALKER/CANE BEDRIDDEN VENTILATOR OXYGEN
OTHER (PLEASE DESCRIBE):

ALERT/NOTIFICATION INFORMATION (CIRCLE ONE ANSWER FOR EACH QUESTION):

Are you able to receive IPAWS wireless emergency alerts? YES NO
Are you able to receive B-WARN! emergency alerts? YES NO
Are you able to receive NOAA Weather Radio emergency alerts? YES NO

IPAWS: Integrated Public Alert & Warning System
B-WARN!: Berrien Warning Alert and Regional Notifications
NOAA: National Oceanic and Atmospheric Administration

TRANSPORTATION INFORMATION (CIRCLE ONE):

Could a family member or friend give you transportation if you were asked to evacuate in an emergency? YES NO POSSIBLY

PET INFORMATION:

If you would require transportation help to evacuate, do you have pets at home that will require attention if you are asked to evacuate in an emergency? If so, indicate the number of each:

CATS: DOGS: SERVICE DOGS: OTHER (DESCRIBE):

EMERGENCY CONTACTS:

PRIMARY (NAME):

RELATIONSHIP:

PHONE:

ALTERNATE (NAME):

RELATIONSHIP:

PHONE:

CUT ALONG THIS LINE

CUT ALONG THIS LINE

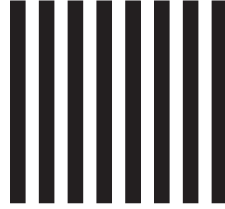
For anyone who might need special help in an emergency

- ▶ Please fill out the other side of this card, cut it out along the dashed line, fold and seal it, then drop it into the mail. No postage is required.
- ▶ If you prefer, you can fill out the Functional Needs information at www.bcsheriff.org.
- ▶ Your functional needs information will be kept confidential.
- ▶ Each person needing assistance, even if living together at the same address, should fill out a card or the online form to notify us of each person's needs.
- ▶ The Berrien County Health Department will keep your functional needs information on file for one year. Please fill out a new card and mail it in as soon as you receive your new calendar.
- ▶ If you know someone with a functional need, volunteer to help them in an emergency. This is especially important if that person lives within the 10-mile Emergency Planning Zone (see the map on page 17). If this is not practical, please discuss and/or assist them in filling out the Functional Needs Emergency Information Card or the online form.

CUT ALONG THIS LINE



NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES



BUSINESS REPLY MAIL

FIRST-CLASS MAIL PERMIT NO. 10 BRIDGMAN MI

POSTAGE WILL BE PAID BY ADDRESSEE

DIVISION OF BERRIEN COUNTY SHERIFF'S OFFICE
BERRIEN COUNTY EMERGENCY MANAGEMENT
2100 E EMPIRE AVE
BENTON HARBOR MI 49022-9895



↑ FOLD HERE ↑

CUT ALONG THIS LINE

Update and mail in your Functional Needs Emergency Information Card each year. As soon as you receive your calendar, fill it out and mail it or fill the form out online. Each person needing assistance, even if living at the same address, should fill out a card or the B-WARN! form online to notify us of each person's needs.

CUT ALONG THIS LINE

IMPORTANT NUCLEAR EMERGENCY TERMS AND RADIATION FACTS

Nuclear Emergency Terms

In the unlikely event that there is an emergency at the Cook Nuclear Plant, four terms will be used to describe each situation. Those four terms are explained below. They are listed in order of least serious (1) to most serious (4).

Because of the many safeguards and highly skilled people operating the Cook Nuclear Plant, it is very unlikely that a serious event will ever occur there. Chances of you having to seek shelter or evacuate because of a nuclear emergency are very remote. In most cases, evacuation is ordered as a safety measure before any danger can come to you or your family. Federal law, however, requires that the public be told what to do in case of a significant release of radioactive material from the Cook Nuclear Plant. Please keep this Emergency Information Calendar handy and become familiar with its contents.

Sometimes you will hear news about a drill or an exercise involving the Cook Nuclear Plant. That is because federal, state, county and plant officials are required by law to participate regularly in drills and exercises so they are prepared in case of an emergency.

Remember, you will receive an emergency alert if sheltering or evacuation is necessary. See page 16.

If you receive an emergency alert, listen to an area TV or radio station for emergency information (see list on page 3) and follow instructions.

- 1. UNUSUAL EVENT:** a minor problem at the Cook Nuclear Plant that varies from normal or routine operations. No release of radioactive material is expected. Cook Plant officials will notify federal, state and county officials. You will not have to do anything.
- 2. ALERT:** an abnormal plant condition that could result in a small release of radioactive material inside the plant. This is still considered a minor event. Cook Plant officials will notify federal, state and county officials to stand by. It is not likely that you will have to do anything.
- 3. SITE AREA EMERGENCY:** a more serious situation that could result in a release of radioactive material around the plant site. All federal, state and county officials will be ready to help if needed. Protective measures may be required to ensure the safety of the public in a limited area near the plant site boundary. If so, you will receive an emergency alert. Tune in immediately to an area TV or radio station (see page 3) to learn whether you will need to seek shelter or evacuate.

4. GENERAL EMERGENCY: the most serious situation possible at the Cook Nuclear Plant. It could result in the release of a large amount of radioactive material outside the plant boundary. All federal, state and county officials will provide help as needed. Protective measures may be required to ensure the safety of the public as far as 10 miles from the plant. The wireless emergency alerts, IPAWS, B-WARN! and NOAA marine radios direct you to tune into area TV and radio stations (see page 3) if shelter or evacuation is necessary.

TWO OTHER KEY TERMS: RADIATION AND CONTAMINATION

- ▶ **Radiation** refers to the particles and waves given off by radioactive material. It is a form of energy that occurs naturally and artificially. We are exposed to it every day. However, radiation could be harmful to your health and safety if the levels are high enough and the exposure lasts long enough.
- ▶ **Contamination** is when radioactive material is where it is not supposed to be. Food, water or air is considered contaminated if it contains more or different types of radioactive material than would be normally present. Our bodies, for example, contain very small amounts of the radioactive elements potassium-40, carbon-14 and tritium. We are not considered to be contaminated because these elements exist within us naturally. However, the presence of strontium-90 (a possible by-product of a nuclear power plant emergency) in food, air or water can indicate contamination.

Facts About Radiation

RADIATION IS A NATURAL FACT OF LIFE

Radiation is a form of energy like light or sunshine. There is radiation all around us. We are exposed to small amounts of radioactive materials every moment of our lives.

HOW WE MEASURE RADIATION

You cannot see, taste, hear or smell ionizing radiation. But we can measure it with special instruments. We use a unit called a millirem (mRem) to measure ionizing radiation.

On average, a person living in the U.S. receives about 620 mRem per year from all radiation sources. A person living within 10 miles of the Cook Nuclear Plant receives about 485 mRem because we live at a low elevation that is not near any radioactive rock formations. About 310 mRem of the total we receive comes from man-made sources, primarily medical testing. Only a tiny fraction of one percent of the man-made radiation would come from the Cook Plant.

IMPORTANT NUCLEAR EMERGENCY TERMS AND RADIATION FACTS *CONTINUED*

NATURAL BACKGROUND RADIATION IS IN THE AIR WE BREATHE

The sun covers our planet with cosmic radiation. Some rocks and minerals give off small amounts of radiation. One source you may be familiar with is radon gas. Many building materials contain radiation. In fact, radioactive particles are in the air we breathe, the food we eat and the water we drink. Even our bodies are slightly radioactive. These sources of radiation are called natural background radiation.

Natural background radiation sources (measured in mRem per year)		
Air: 200	Cosmic rays: 30	Earth & rocks: 46
Food & water: 40	Building materials: 7	

WE MAKE AND USE RADIOACTIVE SOURCES EVERY DAY

Besides naturally occurring radiation, there is also artificial (man-made) radiation. Radioactive materials are used in medical and dental X-rays. They are used to help diagnose and treat diseases such as cancer. Science and industry use radioactive materials for research and to do such things as X-ray welds. Other sources of radioactive materials are TVs, smoke detectors, some luminous-dial watches and clocks. Very small amounts of radiation come from generating electricity with nuclear power.

Artificial radiation sources (measured in mRem per year)	
Chest X-ray: 10	Coast-to-coast airline flight: 2.5
Viewing TV 1 hour/day: 1	Living by the Cook Plant: < 1

Types of Radiation

Radiation includes such things as light, heat and radio waves. However, when we speak of radiation we usually mean "ionizing" radiation. This radiation can produce high-energy, charged particles called "ions" in the materials it strikes.

THE MAIN TYPES OF IONIZING RADIATION ARE:

- Alpha particles, which can be stopped by a sheet of paper.
- Beta particles, which can be stopped by a thin sheet of metal.
- Gamma rays, which can be stopped almost completely by three feet of concrete.
- Neutron particles, which can be stopped by water, concrete and metal.

Effects of Radiation

Just as too much exposure to the sun can cause painful sunburn, too much exposure to certain levels and types of radiation can have harmful effects. You would, however,

have to be exposed to radiation doses over 20,000 mRem within a day to produce effects measurable by a trained doctor. Very large doses of 50,000 to 100,000 mRem are required before you would feel any ill effects.

The amount of exposure from radiation depends on:

- Length of time you are exposed.
- How far you are from the source of radiation.
- Which part of your body is exposed.
- How much material you inhale or take into your body.

Your health or physical condition can affect your reaction to radiation exposure. For example, you should be aware that **unborn babies and very young children are more likely to be harmed by radiation exposure.**

The less radiation you are exposed to, the less chance you have of receiving any harmful effects. That is why it is so important to have an emergency plan in place near a nuclear power plant. We need to treat radiation with both caution and common sense.

Cook Nuclear Plant workers regularly check radiation levels both inside and outside the plant. In the unlikely event of a serious nuclear accident at the plant, state and federal health experts would be called in to take radiation readings beyond the plant site boundary. These readings would determine what steps, if any, you, your family and co-workers would need to take to protect yourselves.

State of Michigan Potassium Iodide Distribution

Radioactive iodine (radioiodine) is one of the products that could be released in the unlikely event of a serious nuclear power plant accident. Potassium iodide (KI) is a non-radioactive form of iodine that may be taken to reduce the amount of radioactive iodine absorbed by the body's thyroid gland. KI offers protection only to the thyroid gland and its use would be to supplement evacuation and in-place sheltering. Evacuation and in-place sheltering are the primary means of protection in a radiological emergency.

State and county officials will use the Emergency Alert System (EAS) to notify the public of the need to evacuate, to seek shelter in place, or to take KI. KI is available to persons within 10 miles of the Cook Nuclear Plant through the Michigan Department of Health and Human Services (MDHHS). **Detailed instructions on the MDHHS distribution of KI can be found on page 21 of this calendar or www.michigan.gov/KI.** It is necessary to pick up your KI prior to an emergency situation at the plant. Complete your voucher and pick up your KI at a participating pharmacy at your earliest convenience. **You will NOT be able to get KI from the pharmacy during a nuclear plant emergency.**

People who are allergic to iodine should not use KI. In the event of an allergic reaction, contact a doctor.

NOTICE TO FARMERS, FOOD PROCESSORS AND DISTRIBUTORS

HOW YOU WILL BE NOTIFIED IN A NUCLEAR EMERGENCY

The State of Michigan will evaluate the seriousness of a nuclear accident. It will order actions to protect the public and the food supply.

- ▶ **If you live within 10 miles of the Cook Nuclear Plant**, your first warning may be an IPAWS Wireless Emergency Alert or a B-WARN! alert. If you receive an alert, tune to a radio or TV station listed on page 3 for emergency information.
- ▶ **If you live farther than 10 miles from the plant**, you will be notified by area radio and TV stations (see page 3). The news report will let you know if you need to take protective action, or a Cooperative Extension Service official will contact you. Please follow the emergency instructions right away.
- ▶ **If you have questions about a real or potential emergency**, please contact the Michigan Department of Agriculture and Rural Development at 800-292-3939 during business hours (8 a.m.-5 p.m.). After hours, call 517-373-0440.

WHAT TO DO IF YOU ARE TOLD TO SEEK SHELTER

During a nuclear emergency, it is very important to limit your outdoor activities as much as possible. Please stay indoors and follow the instructions provided in radio and TV messages (see page 3).

WHAT TO DO IF YOU ARE ORDERED TO EVACUATE YOUR FARM

If you live within 10 miles of the Cook Nuclear Plant, you may be told to evacuate. You may be permitted, with directions from the state and county, to reenter the evacuated area temporarily to tend to the needs of your farm. You will receive instructions on where to check in, what routes to use, safety precautions and decontamination procedures.

Your Cooperative Extension Service agent can provide animal health and feeding guidelines.

IMPORTANT: Do not delay when notified to evacuate. Instructions on how to safely return to care for livestock will be given when it is safe to do so.

HOW CAN A NUCLEAR EMERGENCY CONTAMINATE FOOD?

During a nuclear emergency, dust-sized, radioactive materials can fall onto fruits, vegetables or grains. This food could enter the food supply and be eaten by the public. For example: Cows could eat grass covered with radioactive iodine-131. Traces of the iodine could be passed through to the milk and then to people who drink it. Iodine-131 has the potential to concentrate in the human thyroid gland where it could cause thyroid cancer.

PROTECTING THE FOOD SUPPLY DURING A NUCLEAR EMERGENCY

Following a nuclear emergency, the public could be exposed to radioactive material in several ways. At first, particles and gases released into the air could be ingested or inhaled directly. Additional exposure could result from eating or drinking food or milk contaminated by traces of radioactive material. Farmers, food processors and distributors will be required to take steps to protect the food supply. Every step will be taken to minimize or avoid contamination. Please read this page and the next to learn how to protect the food supply in the event of a nuclear emergency.

SAMPLES WILL BE COLLECTED TO DETERMINE PROTECTIVE ACTION

In the event of an accidental release of radioactive material, State of Michigan emergency workers will determine what protective steps you will need to take. Emergency workers will collect samples of air, water and soil to see whether there is radioactive contamination, where it is located and the amount. Samples of milk, forage, crops and processed foods also may be taken. Field data and other factors will be used by the state to determine the best course of action to protect the public and the food supply.

Samples may be taken from as far away as 50 miles from the plant site. State of Michigan emergency workers will give farmers, food processors and distributors outside of the 10-mile radius of the Cook Nuclear Plant specific instructions on how to collect and test samples.

SAMPLES ARE BEING TAKEN NOW TO GIVE US A BASELINE

Radioactive materials occur naturally in the environment. So Indiana Michigan Power and State of Michigan emergency workers continually take samples of the air, water, milk, vegetation and animal life near the Cook Nuclear Plant. This gives them a “natural” baseline for comparison in the event of a nuclear emergency.

HOW TO PROTECT YOUR WATER SUPPLY IN A NUCLEAR EMERGENCY

Store as much water as you can for your livestock. Cover open wells, tanks and other storage containers. Close off the intakes from contaminated ponds, streams or cisterns. In general, water from wells and water heaters should be safe to use.

Radioactive contaminants deposited on the ground usually will travel very slowly into the soil. If contaminants fall onto the surface of lakes and rivers, the radioactive materials may get into the ground water supplies. It takes just a few hours for streams and lakes to carry the contaminants many miles.

NOTICE TO FARMERS, FOOD PROCESSORS AND DISTRIBUTORS *CONTINUED*

HOW TO PROTECT YOUR LIVESTOCK OR POULTRY IN A NUCLEAR EMERGENCY

The first priority is to protect dairy animals because radioactive materials can quickly enter the food chain through milk and other dairy products. If sheltering is required, shelter your dairy animals first.

Shelter livestock in covered barns or sheds unless the weather is extremely hot or other factors make sheltering impossible. Provide your animals with stored feed such as hay, silage and bagged grain. Whenever possible, draw water for your animals from a well. Avoid using water from ponds, rivers and creeks. This will help to minimize the amount of radioactive material ingested by your animals.

Poultry are more resistant to radioactive contamination than other farm animals. Keep them in your enclosed facility and continue to give them stored feed and well water. If your poultry are normally kept outdoors, bring them inside if possible.

IMPORTANT: Do not destroy any animals, crops, milk or feed supplies unless directed by authorities to do so.

DO NOT DESTROY YOUR ANIMALS

Destroy your animals only if you get orders from state or federal authorities. Do not slaughter any animals except for immediate food needs. Generally, animals that are exposed to radioactive contaminants and radioactive rainwater will survive. Many will be marketable and safe for humans to eat. However, do not allow animals to graze in open fields unless the State of Michigan, your Cooperative Extension Service agent or another government official gives you permission.

WHAT TO DO IF FEED IS RADIOACTIVELY CONTAMINATED

Only in extreme emergencies may you feed your livestock contaminated grain or hay. If you must use the contaminated feed, you may be able to reduce the level of contamination. For example, if the feed is stored outside, the contamination may be greater at or near the surface of the feed pile. You may be able to reduce the contamination level significantly by removing the top portion. Government officials may restrict the movement of feed products and withhold them from the marketplace if they are suspected to be contaminated, until they are assessed to be safe.

Do not dispose of contaminated feed or hay unless spoilage has made it inedible. Generally, contaminated products may be salvageable after adequate time passes and they are properly processed. Please keep contaminated feed supplies separate from other feed so the contamination does not spread. Your Cooperative Extension Service agent can provide you with specific information.

WHO PAYS FOR LOST OR DESTROYED FARM PRODUCTS?

Farmers, food processors and distributors could face serious financial losses following a nuclear emergency. Under federal law, you will be reimbursed for any of these losses. The Price-Anderson Act, enacted by Congress in 1957, requires the operators of nuclear power plants and certain other nuclear facilities to purchase nuclear liability insurance policies for the protection of the public. As a result, no-fault insurance pools are in place to pay claims promptly without lengthy court hearings. Claimants need only prove that the injury or property damage resulted from the nuclear emergency. Commercial insurance policies exclude coverage for nuclear emergencies because the Price-Anderson Act makes coverage unnecessary.

WHAT TO DO WITH FOOD AND PRODUCTS CONTAMINATED IN A NUCLEAR EMERGENCY

After an event, there may be additional guidance from government officials on food, fruits and vegetables, feed and animal health.

Crops in the field

Let your standing crops grow to maturity. The level of radiation exposure they may receive should not affect their growth. Most contaminants will be washed off in the rain. Or, over time, the crops will return to safe levels as they grow. If special harvesting procedures are required, your Cooperative Extension Service agent will give you instructions. Government officials may restrict the movement of crops and agricultural products and withhold them from the marketplace if they are suspected to be contaminated, until they are assessed to be safe.

Roots and tubers

Potatoes, carrots and plants that mature under the ground generally are safe to eat. Make sure to thoroughly wash and peel these products to remove soil particles and contaminants.

Fruits and vegetables in the field

Unprotected plants may have particles of radioactive contamination on their surfaces. Before eating them, wash thoroughly. Then brush, scrub or peel the outer layers. Some leafy vegetables may be eaten after you remove the outer layers.

If your crops do not need to be harvested immediately, leave them in the field or on the trees. They should be able to be harvested once your area is declared safe again.

You may lose some ripe fruits and vegetables to spoilage. Contamination levels in your area may be too high for field workers to harvest your crop in a timely manner. You will be reimbursed for crop losses. Government officials may restrict the movement of crops and agricultural products and withhold them from the marketplace if they are suspected to be contaminated, until they are assessed to be safe.

Honey and apiary products

Following a nuclear emergency, State of Michigan emergency workers will need to take samples and analyze honey and beehives in the Protective Action Areas. Contact your Cooperative Extension Service agent for guidance.

Farm products

If radioactive particles or material are present in large amounts, you may be advised not to use, eat or sell garden produce or animal products until samples are taken and analyzed. State of Michigan emergency workers will conduct the sample tests and analysis. Please follow their orders to protect the public's and your safety.

Milk

Milk contaminated at low levels of iodine-131 may be converted to powdered milk or cheese. Then it will be stored until the iodine's radioactivity diminishes to safe levels. It may also be used in animal feed.

Wildlife and plants

After a nuclear emergency, wild game such as deer, rabbit, squirrel, pheasant and partridge may eat food and water contaminated with radioactive particles. State of Michigan emergency workers may advise you not to eat wild game until it has been sampled and assessed to be safe. Wild edible plants, such as native herbs, mushrooms, dandelion greens, spearmint, peppermint or wintergreen may have particles of contamination on their surfaces, too. Before eating, be sure to wash, brush, scrub or peel to minimize contamination.

HOW SOON WILL THE RADIOACTIVITY REACH SAFE LEVELS?

The speed that radioactivity diminishes depends on several things. Inert gases released from a nuclear power plant lose their radioactivity within minutes. Wind or heavy rain tend to remove radioactive material from plants very quickly. In some cases, however, a hard rain after a nuclear emergency may splash contaminated soil onto plant surfaces. This will increase the amount of radioactive material on low-standing plants.

WHAT STEPS CAN BE TAKEN TO RESTORE CONTAMINATED SOILS?

There are several steps that can be taken to restore soils contaminated in a nuclear emergency. One is not to use the soil for a period of time. In a worst-case situation, heavily contaminated soil may need to be removed and sent to an approved radioactive waste disposal facility. Such drastic action may not be possible for large fields, but may be used for small plots or areas such as walkways near buildings where people come in close contact with it.

In less severe situations, fiber crops may be planted instead of fruits and vegetables. Deep plowing may be used to keep the radioactive contaminants below the root zone until the radioactivity decays to safe levels over time. Liming may also be used to limit the absorption of specific radioactive elements by crops.

Farmers will receive guidance from the United States Department of Agriculture's Natural Resources Conservation Service on how to restore valuable soils to productive use.

WHAT SHOULD FOOD PROCESSORS AND DISTRIBUTORS DO IN A NUCLEAR EMERGENCY?

After a nuclear emergency, government officials may restrict the movement of contaminated food products or withhold them from the marketplace. These products should not be released until they are considered safe for consumption or a decision is made to dispose of them. State of Michigan emergency workers will instruct you on how to safely handle and dispose of contaminated food products.

The environmental damage caused by a nuclear reaction may be short-lived. Steps can be taken to make a full recovery.

For more information, contact:

MSU-BERRIEN COUNTY COOPERATIVE EXTENSION SERVICE

269-944-4126

1737 Hillandale Road

Benton Harbor, MI 49022

www.canr.msu.edu/berrien/

If you have questions about a real or potential emergency, you may also contact:

MICHIGAN DEPARTMENT OF AGRICULTURE AND RURAL DEVELOPMENT

800-292-3939

www.michigan.gov/mdard



Potassium iodide (KI) is available at no cost to people who live or work within 10 miles of the Cook Nuclear Plant in Berrien County, Michigan. This insert explains what KI is used for and how you can get it. To get your KI tablets, please read the information in this calendar, complete the voucher on the next page and take it to one of the participating pharmacies listed. Please get your tablets now so you are ready if you are ever asked to take them. You will NOT be able to get KI from the pharmacy during a nuclear plant emergency.

If you already have KI tablets from this program, check the expiration date on the box. If it has expired, go to one of the pharmacies listed on the next page to replace your KI with a new supply.

The Michigan Department of Health and Human Services (MDHHS) runs the KI program. For more information, contact:

Phone: 517-335-8150
(8 a.m. to 5 p.m.)

Email: mdhhs-ki@michigan.gov
Online: www.michigan.gov/ki

Potassium Iodide (KI) Facts

What is KI?

KI (the chemical name for the drug is “potassium iodide”) is a non-prescription iodine pill. Iodine is an element that is found in nature and is also an important part of your diet. Because iodine is so important to your health, it is added to table salt. Table salt cannot be used as a replacement for KI.

How does KI work?

In the unlikely event of a serious accident at a nuclear power plant, one form of radiation, radioactive iodine, could be released into the air. This type of radiation can be stored in your thyroid gland. This can cause thyroid cancer or other thyroid problems over time. Children are most at risk of thyroid injury from exposure to radioactive iodine. KI protects your thyroid by filling it up with a safe form of iodine so that it can't take in radioactive iodine.

Keeping your thyroid gland healthy is important because it produces hormones that manage your heart rate, blood pressure, temperature and other essential body functions. It is important to know that KI does not protect your whole body from radioactive material – it only protects the thyroid.

How can I get KI?

Take the enclosed voucher to one of the participating pharmacies. The pharmacy will give you the amount of KI that you need. Place it in a safe, dry location and keep it in its foil packet. You should keep it on hand as part of your emergency supply kit. Be sure to get your KI now. You will not be able to get it from the pharmacy during a nuclear power plant emergency.

When should I take KI?

Take KI only if a “General Emergency” has been declared at the Cook Nuclear Plant. If you receive an emergency alert, follow the instructions and tune to your local radio or TV station (see page 3) for more detailed information. Follow the instructions given by emergency officials. You may be instructed to shelter-in-place or evacuate.

Use the information in this chart to take the correct amount for one dose.

AGE	WEIGHT	DOSE
18+ years	Any weight	Two (2) 65 mg tablets <i>Including pregnant or breastfeeding women</i>
12-18 years	150 lbs. or more	Two (2) 65 mg tablets
12-18 years	Less than 150 lbs.	One (1) 65 mg tablet
3-12 years	Any weight	One (1) 65 mg tablet
1 month-3 years	Any weight	Half (1/2) 65 mg tablet, crushed into a liquid. <i>Instructions for crushing and mixing will be provided by the pharmacy and can be found at www.michigan.gov/ki</i>
Birth-1 month	Any weight	Quarter (1/4) 65 mg tablet crushed into a liquid. <i>Instructions for crushing and mixing will be provided by the pharmacy and can be found at www.michigan.gov/ki</i>

You should only take KI if the announcements say that the power plant has declared a “General Emergency,” the most serious type of plant emergency. If you are told to evacuate and don't have your KI readily available, don't waste time searching for it. Evacuating or sheltering-in-place is the best way to protect yourself from harm due to radiation.

How much KI should I take?

One dose protects the thyroid for 24 hours. You should be safely evacuated within 24 hours. Taking more than the recommended dose will not help you and may increase the risk of side effects. See the chart above for dose guidelines.

What side effects could I have from taking KI?

KI can cause minor side effects. You could have an upset stomach or swelling in your mouth. If you have a serious reaction such as fever, joint pain, swelling of the face or body or trouble breathing, get medical help right away.

Who should NOT take KI?

You should not take KI if:

- You are allergic to iodine. A shellfish allergy may not mean that you are allergic to iodine. Talk to your doctor if you have a shellfish allergy and are unsure if you should take KI.
- You have dermatitis herpetiformis (DH) or hypocomplementemic urticarial vasculitis (HUV) syndrome, two very rare skin conditions.

Check with your doctor if you already have a thyroid condition or you are unsure whether or not to take KI.

How does this program apply to businesses?

Businesses with more than 200 employees, clients or patients should contact MDHHS to arrange for delivery of KI. If your business chooses to participate in the program, it is responsible for having a dispensing plan that complies with these instructions. If your business chooses not to participate or has less than 200 employees, clients, or patients, you can provide a copy of this fact sheet to your employees to obtain their personal supply of KI at one of the designated pharmacies.

Read this information before signing the KI voucher.

Signing the voucher means that you understand and agree to the following:

I UNDERSTAND THAT:

- KI is an over-the-counter, non-prescription drug.
- KI is to be taken only when a "General Emergency" has been declared at the Cook Nuclear Plant.
- KI is NOT a substitute for evacuation or sheltering-in place.
- KI only protects the thyroid gland from radioactive iodine. It does not protect the rest of the body. In a nuclear power plant emergency, there could be health risks from other forms of radiation.
- Although taking KI is usually safe, it can cause problems in people who have thyroid disease or are allergic to iodine. People who have dermatitis herpetiformis (DH) or hypocomplementemic urticarial vasculitis (HUV), two very rare skin diseases, should talk to their doctor before taking KI.

I AGREE THAT:

- I have read the potassium iodide (KI) fact sheet and will follow all instructions on how to use KI.
- I will follow the instructions of emergency officials.
- I will hold the pharmacy harmless from all liability, claims, suits or actions related to the use, delivery, labeling and packaging of KI.

Additional agreements for businesses

- I own or represent the business/institution named on the voucher.
- This business/institution will provide information on dosing and medical contraindications to all employees/clients prior to distributing KI. This information is provided in each box of KI and on the MDHHS website at www.michigan.gov/ki.

To qualify to receive KI tablets for your household or business, you must:

- Live or work within 10 miles of the Cook Nuclear Plant.
- Be 18 years or older.
- Present a government-issued photo ID.

Participating Pharmacies

YOU MAY PICK UP YOUR KI TABLETS AT THE FOLLOWING PHARMACIES:

- Meijer Pharmacy 1920 Pipestone Rd., Benton Harbor, MI
- Meijer Pharmacy 5019 Red Arrow Hwy., Stevensville, MI
- Meijer Pharmacy 5150 S. Franklin St., Michigan City, IN
- Meijer Pharmacy 1223 Phoenix St., South Haven, MI

Cut along this line. 

2021 Potassium Iodide (KI) Voucher

By signing this form, I agree that I have read the KI information provided and that I am obtaining KI for people who live or work within 10 miles of the Cook Nuclear Plant.

PLEASE COMPLETE SECTION 1 OR 2

1. REQUESTING KI FOR HOUSEHOLD USE

NAME: _____

STREET ADDRESS: _____

CITY: _____ ZIP: _____

COUNTY: _____ PHONE: () _____

NUMBER OF PEOPLE LIVING AT THIS ADDRESS: _____

AGES OF PEOPLE LIVING AT THIS ADDRESS: _____

2. REQUESTING KI FOR BUSINESS USE

NAME OF BUSINESS: _____

CONTACT NAME: _____

STREET ADDRESS: _____

CITY: _____ ZIP: _____

COUNTY: _____ PHONE: () _____

NUMBER OF EMPLOYEES/PATIENTS/RESIDENTS/CLIENTS AT THIS ADDRESS: _____

SIGNATURE: _____ DATE: _____

PHARMACY USE ONLY		
# OF BOXES DISPENSED:	LOT #:	DATE DISPENSED:
PHARMACY NAME:	PHARMACY #:	
CITY:		

CONGRATULATIONS TO OUR \$500 PRIZE WINNER!

Shaena Lorenz of St. Joseph is the winner of this year's Cook Calendar Photo Contest

After narrowing the field of 428 photos down to 12 finalists, we asked our Facebook followers to pick their favorite. Shaena's photo, "Leaving the Station," received the most Likes. You can see it on the February page. Congratulations, Shaena!



START TAKING PHOTOS NOW FOR NEXT YEAR!

Enter our 2022 Emergency Information Calendar Photo Contest beginning in May 2021

Cook Nuclear Plant invites amateur and professional photographers to submit digital photographs for possible publication in the Cook Nuclear Plant's 2022 Emergency Information Calendar for Berrien County or in one or more of our printed or electronic communications.

The Deadline for submission is 5 p.m. (EDT), September 8, 2021. The Cook Nuclear Plant editorial review committee retains full control over the selection of photographs for publication in the calendar or other media.

One photo will win \$500 in our BEST SHOT Facebook Contest. The Cook Nuclear Plant editorial committee will select 12 photos from all of the entries; one for each of the months of the year. The selected photos will be posted in the BEST SHOT Facebook Contest gallery in late September 2021. Anyone who follows us at Facebook.com/CookNuclear can then vote by clicking the "thumbs-up" icon on their favorite photo. The photograph to receive the most Likes will win \$500 plus recognition as the BEST SHOT in the 2022 Cook Nuclear Plant Emergency Information Calendar for Berrien County. The winner will be notified in October and announced in the 2022 calendar.

CONTEST RULES:

- ▶ All photos must be taken in Berrien County.
- ▶ All photos must be shot in horizontal/landscape format (NOT vertical).
- ▶ Photos must be crisp, high-resolution images. Minimum size: 10" x 8" @ 300 dpi (3300 x 2550 pixels @ 300ppi).
- ▶ Photos must be submitted online by September 8, 2021.
- ▶ Photos must be submitted as a .jpg or .tif image file.
- ▶ Please DO NOT submit more than 4 images.
- ▶ No photographer will have more than one image included in the calendar.

Photos submitted with the following issues cannot be considered for the contest:

- Not taken in Berrien County
- Out of focus or blurry
- Low resolution or too small
- Use of obvious filters or effects
- Featuring identifiable people of any age
- Containing sexually explicit, obscene, violent or objectionable subject matter

See the complete rules and guidelines for our contest at: cookcalendarphotos.com.

PREPARING FOR AN EMERGENCY EVENT

Emergency situations often catch people off guard. A good way to stay safe in an emergency is to know what to do ahead of time. Here are five steps you can take now to make sure you, your family and your co-workers are prepared to handle any emergency.

1. After you read this Emergency Information Calendar, please share it with your family or co-workers. Then display it where you can find it quickly when you need it.

2. Keep the following items together in a safe, easy-to-get-to place:

- | | | |
|-------------------------------------------------|------------------------------------------|--------------------------------------------------|
| <input type="checkbox"/> Emergency cash | <input type="checkbox"/> Checkbook | <input type="checkbox"/> Pet supplies |
| <input type="checkbox"/> Important papers | <input type="checkbox"/> Debit cards | <input type="checkbox"/> Credit cards |
| <input type="checkbox"/> First-aid kit | <input type="checkbox"/> Portable radio | <input type="checkbox"/> Personal identification |
| <input type="checkbox"/> Extra keys | <input type="checkbox"/> Extra batteries | <input type="checkbox"/> Potassium iodide (KI) |
| <input type="checkbox"/> Prescription medicines | <input type="checkbox"/> Flashlight | if obtained in advance |

3. Make a list of personal instructions that you, your family or co-workers will need to follow in an emergency. Keep a list of supplies you may need with the instructions. Include on your supply list the items in step 2 above and the evacuation supplies listed on page 17.

4. Keep your vehicle in good running order. Fill your gas tank whenever it gets below half. If you do not have a car or do not have someone to drive you in an emergency, fill out the Functional Needs card on pages 17 and 18. Mail the card right away. You do not need a stamp.

5. If you know people who have functional needs, make sure they mail in a Functional Needs card. This may include anyone with vision or hearing impairments, physical or mental disabilities, or someone who has no means of transportation. Please help them fill out the Functional Needs card and return it right away (see pages 17 and 18). You can also fill out the form online at www.bcsheriff.org. We have an emergency team ready to help people reach safety. If you know someone who is vision impaired or has difficulty reading, please assist them with the information in this calendar. Help display it in a visible location if others need it to assist the person with functional needs.

For additional emergency preparedness tips and an online planning guide:

On the www.bcsheriff.org homepage, click on the **Divisions** tab and select **Emergency Management & Homeland Security Division** from the sidebar. Then click **Resources & Guides** for links to helpful Federal, State and local websites.

IMPORTANT PHONE NUMBERS AND EMERGENCY INFORMATION

List all the phone numbers and emergency information you or a member of your household or business may need in an emergency. Please include names and numbers for your:

Doctor: _____ **Sheriff:** _____

Hospital: _____ **School:** _____

Ambulance: _____ **Child caregiver:** _____

Dentist: _____ **Neighbor:** _____

Police: _____ **Pharmacist:** _____

Fire Dept.: _____ **Work:** _____

NAME OF PERSON OR SERVICE	TELEPHONE NUMBER
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Berrien County Emergency Services	911
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Cook Nuclear Public Inquiry Line	866-362-3105
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Use the space below to also list any special health or medical information that an emergency team member may need to know about you, your family members or co-workers.

SPECIAL HEALTH NEEDS OR EMERGENCY INFORMATION:



Your photography could win \$500 and be featured in next year's calendar!

We're seeking photos that highlight the year-round beauty of Berrien County. The Cook Calendar photo contest is open to amateur and professional photographers alike.

You can see this year's winner and the rest of the finalists, plus rules and guidelines on page 22 of this calendar.

Enter our 2022 Emergency Information Calendar Photo Contest beginning in May at CookCalendarPhotos.com.

ON THE COVER:



Inside Cook's Unit 1 Containment Dome, reactor maintenance personnel use a manipulator crane on a trolley bridge to pull one of 193 fuel assemblies out of the reactor core during the unit's fall 2020 refueling outage. The assembly will travel underneath 36 feet of water to its ultimate destination: the spent fuel pool.

Photo: Ashlie Guyberson

All photographs © 2021 Cook Nuclear Plant. This calendar replaces all previous issues.

IMPORTANT: PLEASE READ



NEW EMERGENCY ALERT SYSTEM STARTS IN FEBRUARY 2021



This year, Berrien County is upgrading from a siren emergency warning system to IPAWS (Integrated Public Alert & Warning System). The County anticipates fully implement IPAWS on February 5, 2021. At that time, they will discontinue using the siren warning system. You will get your emergency and life-saving information on your mobile phone, email, TV, radio and the National Oceanic and Atmospheric Administration's Weather Radio. Take time NOW to read pages 2, 3 and 16 for more details.



The FINAL Siren Emergency Warning Test is at 1 p.m. on Saturday, January 2

The last time Berrien County will test the siren warning system will be at 1 p.m. on January 2, 2021. The test will consist of a short siren sound lasting less than a minute.

If the emergency siren sounds for three to five minutes at any other time or on any other date in January 2021, tune to any TV station or radio station listed on page 3. Or check your cell phone or other wireless communication devices for messages. Then follow the instructions.



SCAN THIS CODE TO VISIT THE COOK NUCLEAR PLANT'S EMERGENCY PLAN WEBPAGE

The Emergency Plan information contained in this calendar is also available online at www.cookinfo.com/EmergencyPlan.aspx. If you have a general question or need advice, you can also use the Cook Nuclear Public Inquiry Hotline: 866-362-3105.