Emergency Plan Information
for New Jersey and Delaware
2013-2014

Salem and Hope Creek
Nuclear Generating Stations

PSEG
Nuclear LLC

What Children and Families Can Do to Prepare for an Emergency

What to do during an **Emergency**

1 Listen for 3 to 5 minute siren

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

2 Turn on your radio

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

New Jersey

WENJ-FM	**97.3**
WJKS-FM	**101.7**
Marine Channel	**16**

Delaware

WDEL-AM	**1150**	WKNZ-FM	**88.7**
WNWK-AM	**1260**	WDDE-FM	**91.1**
WWTX-AM	**1290**	WDSD-FM	**94.7**
WDOV-AM	**1410**	WSTW-FM	**93.7**
WILM-AM	**1450**	WRDX-FM	**92.9**
WDPZ-AM	**1600**	WJBR-FM	**99.5**
		Marine Channel	**16**

3 If children are in school

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

4 People with special needs

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

- Fill out the card on the back of this calendar and mail it today.
- Call your Emergency Management Office, see information in back of this calendar.

5 If asked to shelter in-place

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

6 If asked to evacuate

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

7 Public inquiries

For information about **STATE ACTIVITIES**, call
New Jersey 1-800-792-8314
Delaware 1-877-SAY-DEMA (1-877-729-3362 – **IN STATE**)

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

To the neighbors of the **Salem and Hope Creek Generating Stations:**

We are working closely with Federal and State agencies every day to ensure the safety of you and your family in case an emergency arises at a local nuclear generating station.

In recent years, our nation has become all too aware of the importance of safety plans in case of an emergency. It is important that you learn these simple safety procedures now, so that you are prepared in the event evacuations or other safety precautions become necessary at the Salem or Hope Creek Generating Stations.

If you need help evacuating in the event of an emergency because of special needs, be sure to complete and send in the card on the last page of this calendar. We encourage you to register with the Salem County Office of Disability Services through the Register Ready Program.

The State is also providing potassium iodide pills to all residents and workers in Emergency Planning Zones. Residents may obtain potassium iodide pills from the Salem County Health Department if you have not already received them.

Most importantly, if you have questions about the information in this calendar or any other matter, please call the New Jersey State Police Office of Emergency Management at 1-800-792-8314.

Thank you for your continued support and cooperation throughout the year.

With regards,

Chris Christie
Governor, State of New Jersey

As Governor of the State of Delaware, I understand the importance of keeping our citizens and visitors aware of potential threats to our safety and well-being. Although we cannot know if (or when) an emergency will occur, we must do our very best to ensure that we are prepared.

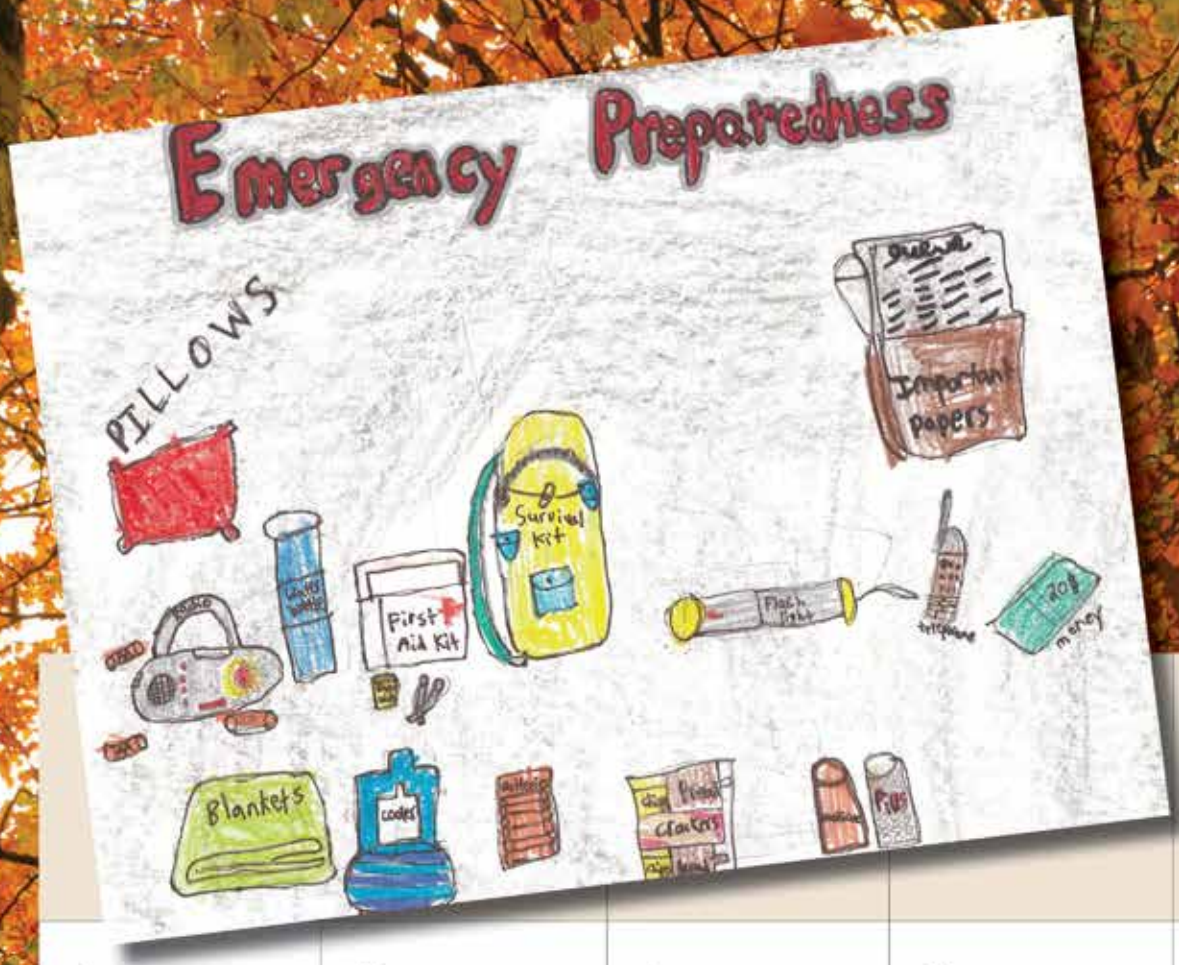
The key to proper emergency response is planning. With that in mind, the safety procedures included in this calendar will help prepare you in the event of an incident at the Salem and Hope Creek Generating Stations. I urge you to read this important material and familiarize yourself with its contents. Share the information with your family, friends and colleagues. Post this calendar in your home, school or place of business for a quick reference in case of an emergency.

If you have any questions or concerns about any of the information in this calendar please call the Delaware Emergency Management Agency (DEMA) at 1-302-659-3362 or 1-877-SAY-DEMA (729-3362).

Sincerely,

Jack Markell
Governor, State of Delaware

SEPT 2013



ANNA

AUGUST 2013						
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OCTOBER 2013						
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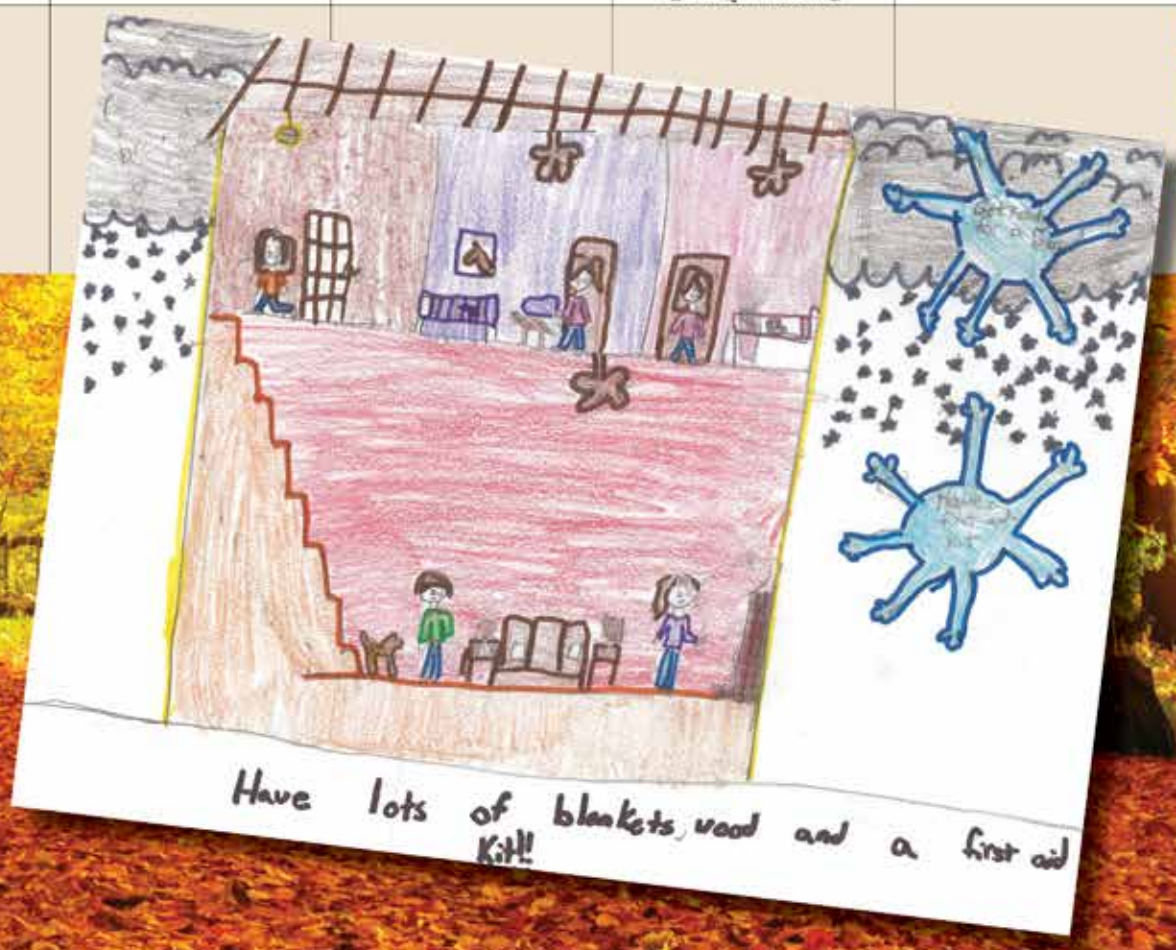
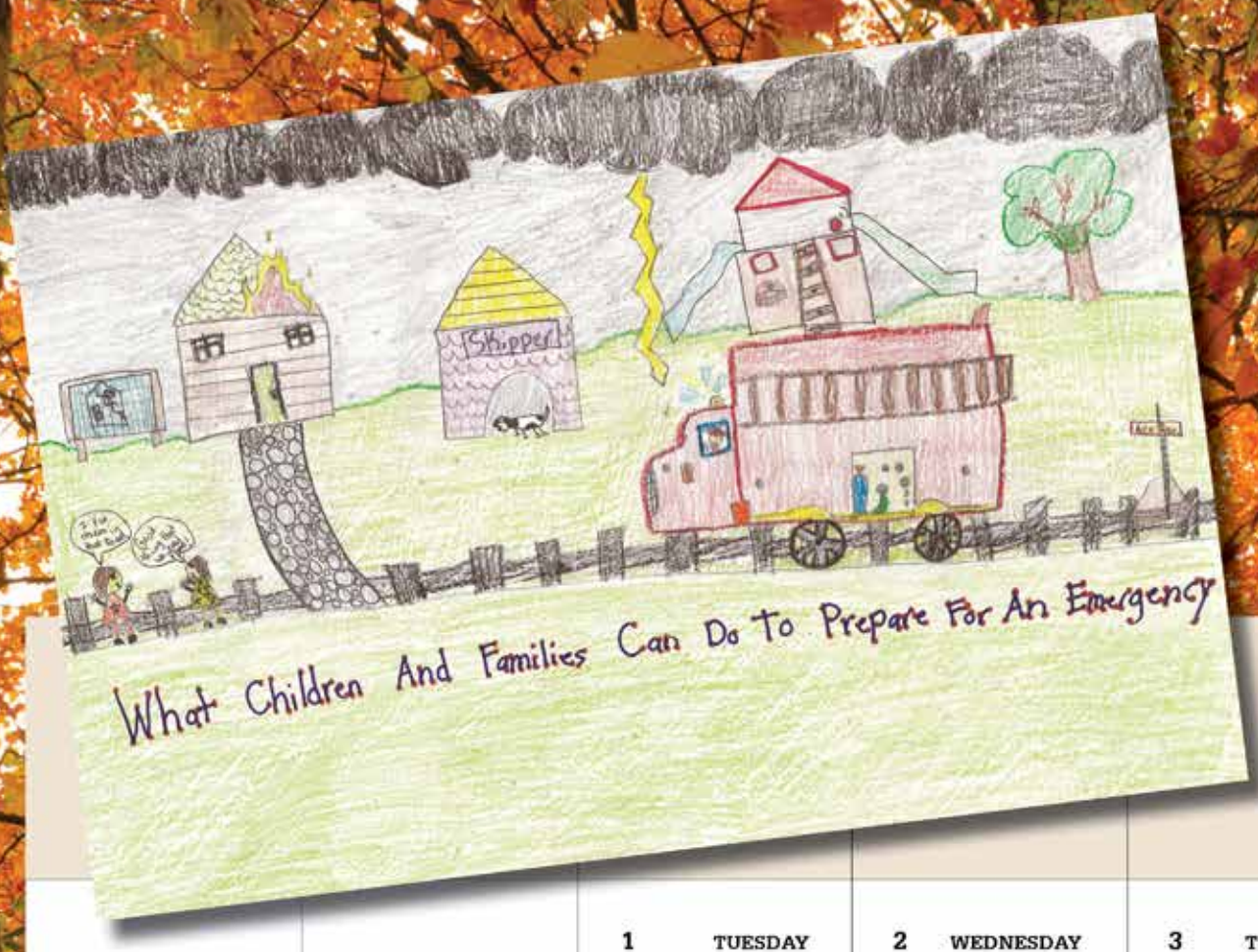
1 SUNDAY	2 MONDAY Labor Day	3 TUESDAY	4 WEDNESDAY Rosh Hashanah Begins at Sunset	5 THURSDAY New Moon	6 FRIDAY	7 SATURDAY
8 SUNDAY	9 MONDAY	10 TUESDAY	11 WEDNESDAY President's Day	12 THURSDAY First Quarter Moon	13 FRIDAY Yom Kippur Begins at Sunset	14 SATURDAY
15 SUNDAY	16 MONDAY	17 TUESDAY Constitution Day/ Citizenship Day	18 WEDNESDAY	19 THURSDAY Full Moon	20 FRIDAY	21 SATURDAY
22 SUNDAY First Day of Autumn	23 MONDAY	24 TUESDAY	25 WEDNESDAY	26 THURSDAY	27 FRIDAY Last Quarter Moon	28 SATURDAY
29 SUNDAY	30 MONDAY					

September 2013

ALICIA



OCT 2013



DELANEY

SEPTEMBER 2013						
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NOVEMBER 2013						
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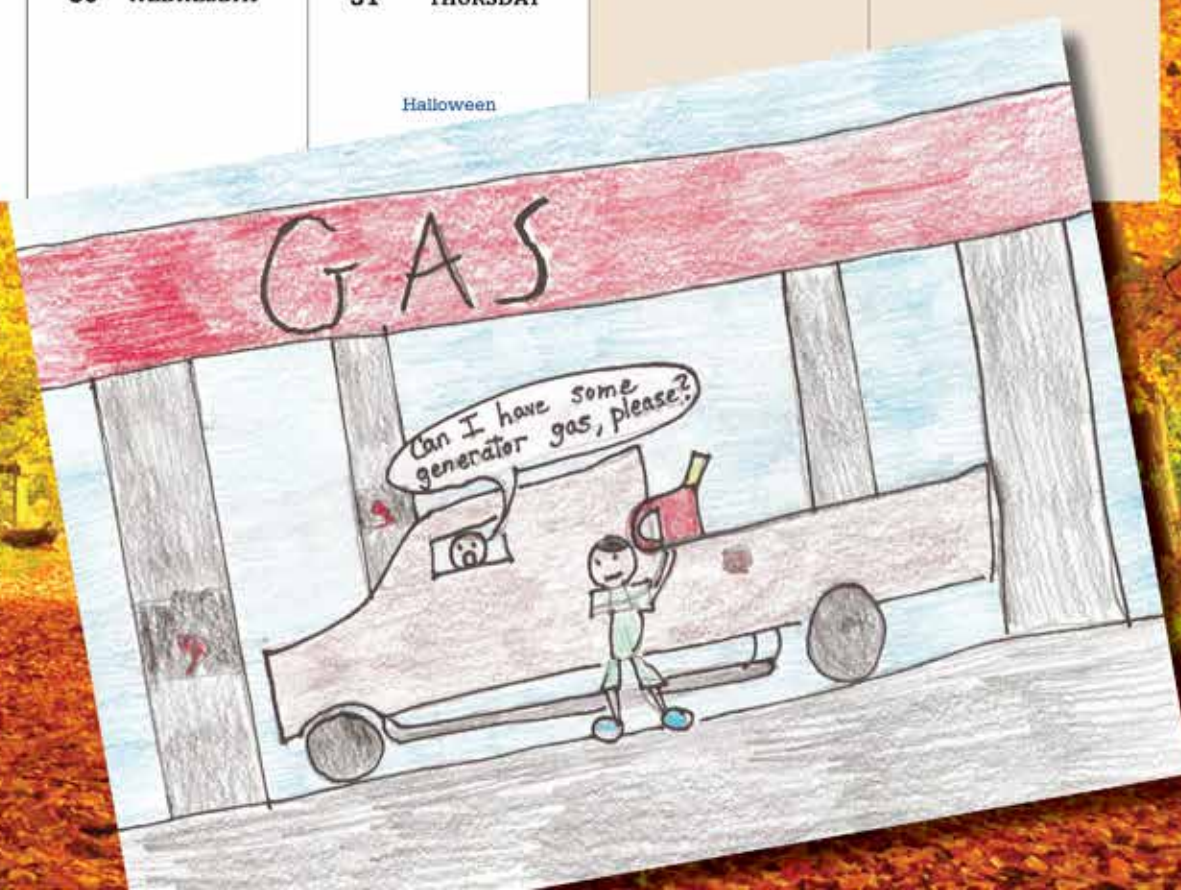
				1	TUESDAY	2	WEDNESDAY	3	THURSDAY	4	FRIDAY	5	SATURDAY
												New Moon	
6	SUNDAY	7	MONDAY	8	TUESDAY	9	WEDNESDAY	10	THURSDAY	11	FRIDAY	12	SATURDAY
				AM Activation or Growl SIREN TEST						First Quarter Moon			
13	SUNDAY	14	MONDAY	15	TUESDAY	16	WEDNESDAY	17	THURSDAY	18	FRIDAY	19	SATURDAY
Navy Day		Columbus Day								Full Moon			
20	SUNDAY	21	MONDAY	22	TUESDAY	23	WEDNESDAY	24	THURSDAY	25	FRIDAY	26	SATURDAY
												Last Quarter Moon	
27	SUNDAY	28	MONDAY	29	TUESDAY	30	WEDNESDAY	31	THURSDAY				
								Halloween					

October 2013

BRANDON



NOV2013

CORA

										1	FRIDAY	2	SATURDAY
3	SUNDAY	4	MONDAY	5	TUESDAY	6	WEDNESDAY	7	THURSDAY	8	FRIDAY	9	SATURDAY
Daylight Saving Time Ends New Moon													
10	SUNDAY	11	MONDAY	12	TUESDAY	13	WEDNESDAY	14	THURSDAY	15	FRIDAY	16	SATURDAY
Marine Corps Birthday First Quarter Moon		Veterans Day											
17	SUNDAY	18	MONDAY	19	TUESDAY	20	WEDNESDAY	21	THURSDAY	22	FRIDAY	23	SATURDAY
Full Moon													
24	SUNDAY	25	MONDAY	26	TUESDAY	27	WEDNESDAY	28	THURSDAY	29	FRIDAY	30	SATURDAY
		Last Quarter Moon				Hanukkah Begins at Sunset		Thanksgiving					

OCTOBER 2013

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DECEMBER 2013

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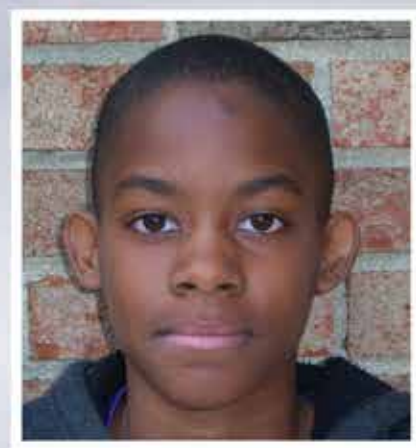
November 2013

EMMA

DEC2013



ISAIAH

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JANUARY 2014						
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1 SUNDAY	2 MONDAY	3 TUESDAY New Moon	4 WEDNESDAY	5 THURSDAY Hanukkah Ends at Sunset	6 FRIDAY	7 SATURDAY Pearl Harbor Remembrance Day
8 SUNDAY First Quarter Moon	9 MONDAY	10 TUESDAY	11 WEDNESDAY	12 THURSDAY	13 FRIDAY	14 SATURDAY
15 SUNDAY	16 MONDAY	17 TUESDAY Full Moon	18 WEDNESDAY	19 THURSDAY	20 FRIDAY	21 SATURDAY First Day of Winter
22 SUNDAY	23 MONDAY	24 TUESDAY	25 WEDNESDAY Christmas Last Quarter Moon	26 THURSDAY Kwanzaa Begins	27 FRIDAY	28 SATURDAY
29 SUNDAY	30 MONDAY	31 TUESDAY New Year's Eve				

December 2013

DANIELLE

JAN2014

GRACE

DECEMBER 2013						
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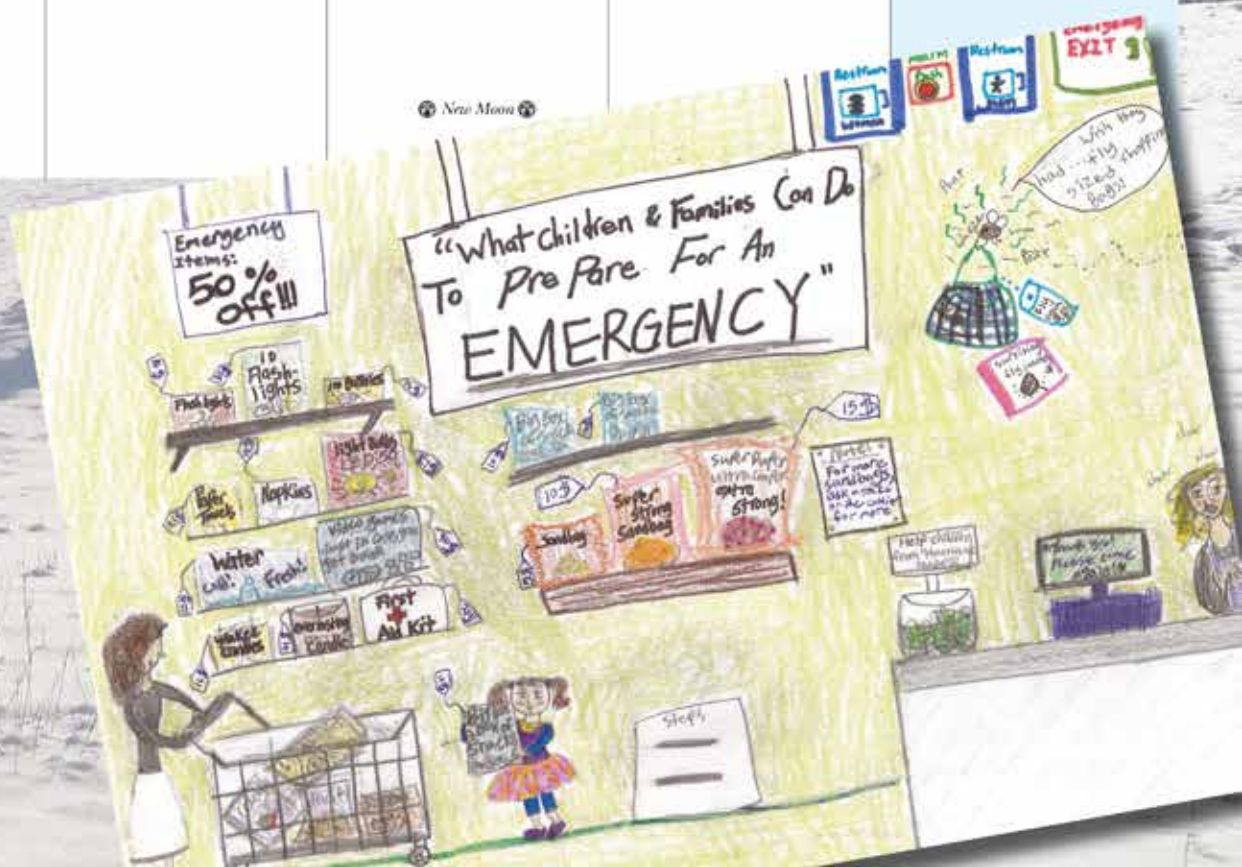
						1	WEDNESDAY	2	THURSDAY	3	FRIDAY	4	SATURDAY
						New Year's Day Kwanzaa Ends New Moon							
5	SUNDAY	6	MONDAY	7	TUESDAY	8	WEDNESDAY	9	THURSDAY	10	FRIDAY	11	SATURDAY
				AM Activation or Growl SIREN TEST		First Quarter Moon							
12	SUNDAY	13	MONDAY	14	TUESDAY	15	WEDNESDAY	16	THURSDAY	17	FRIDAY	18	SATURDAY
								Full Moon					
19	SUNDAY	20	MONDAY	21	TUESDAY	22	WEDNESDAY	23	THURSDAY	24	FRIDAY	25	SATURDAY
		Martin Luther King Day								Last Quarter Moon			
26	SUNDAY	27	MONDAY	28	TUESDAY	29	WEDNESDAY	30	THURSDAY	31	FRIDAY		
								New Moon					

January 2014

JENNIE



FEB2014

LOGAN

						1 SATURDAY
2 SUNDAY Groundhog Day	3 MONDAY	4 TUESDAY	5 WEDNESDAY	6 THURSDAY First Quarter Moon	7 FRIDAY	8 SATURDAY
9 SUNDAY	10 MONDAY	11 TUESDAY	12 WEDNESDAY	13 THURSDAY	14 FRIDAY St. Valentine's Day Full Moon	15 SATURDAY
16 SUNDAY	17 MONDAY Presidents' Day	18 TUESDAY	19 WEDNESDAY	20 THURSDAY	21 FRIDAY	22 SATURDAY Last Quarter Moon
23 SUNDAY	24 MONDAY	25 TUESDAY	26 WEDNESDAY	27 THURSDAY	28 FRIDAY	

JANUARY 2014

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MARCH 2014

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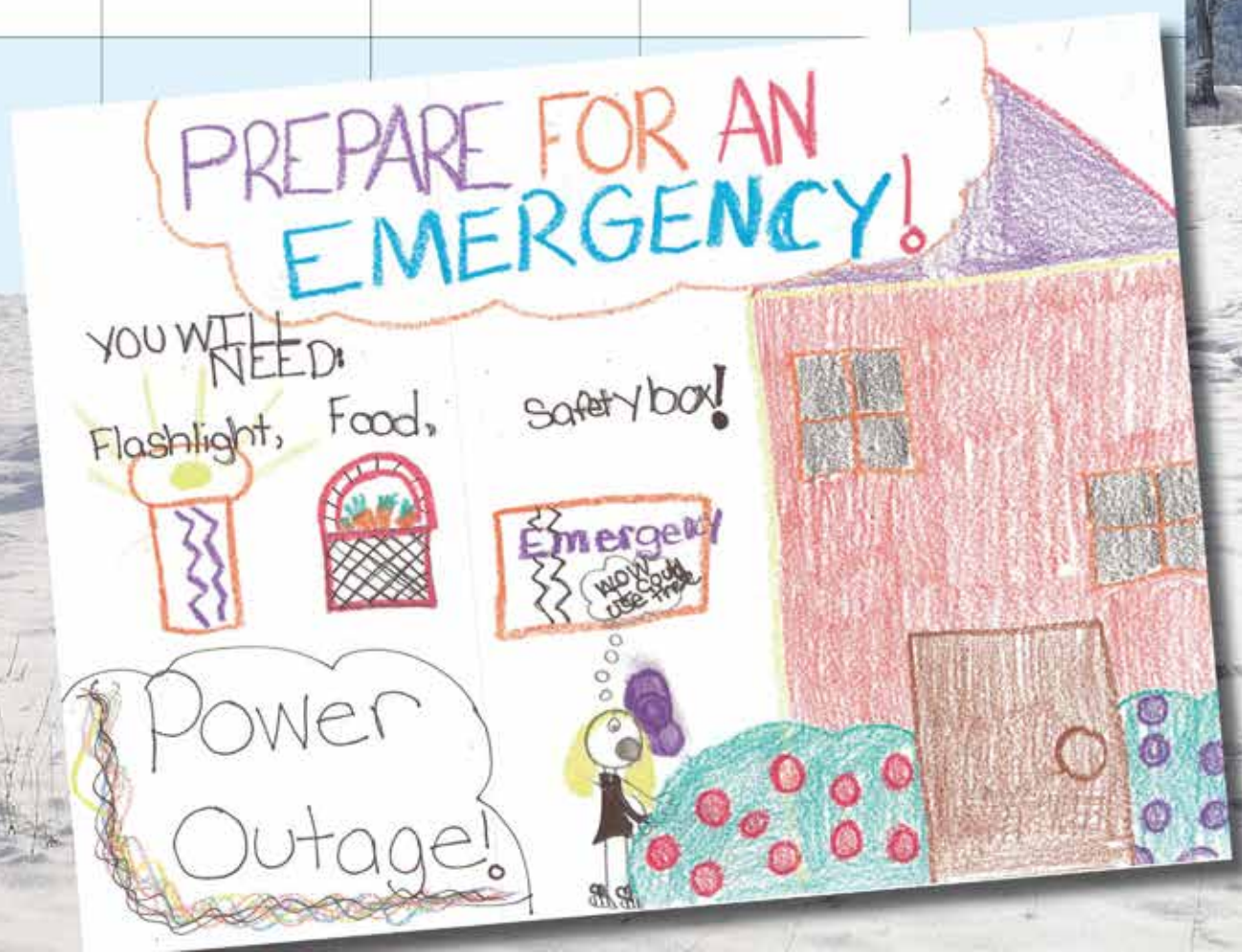
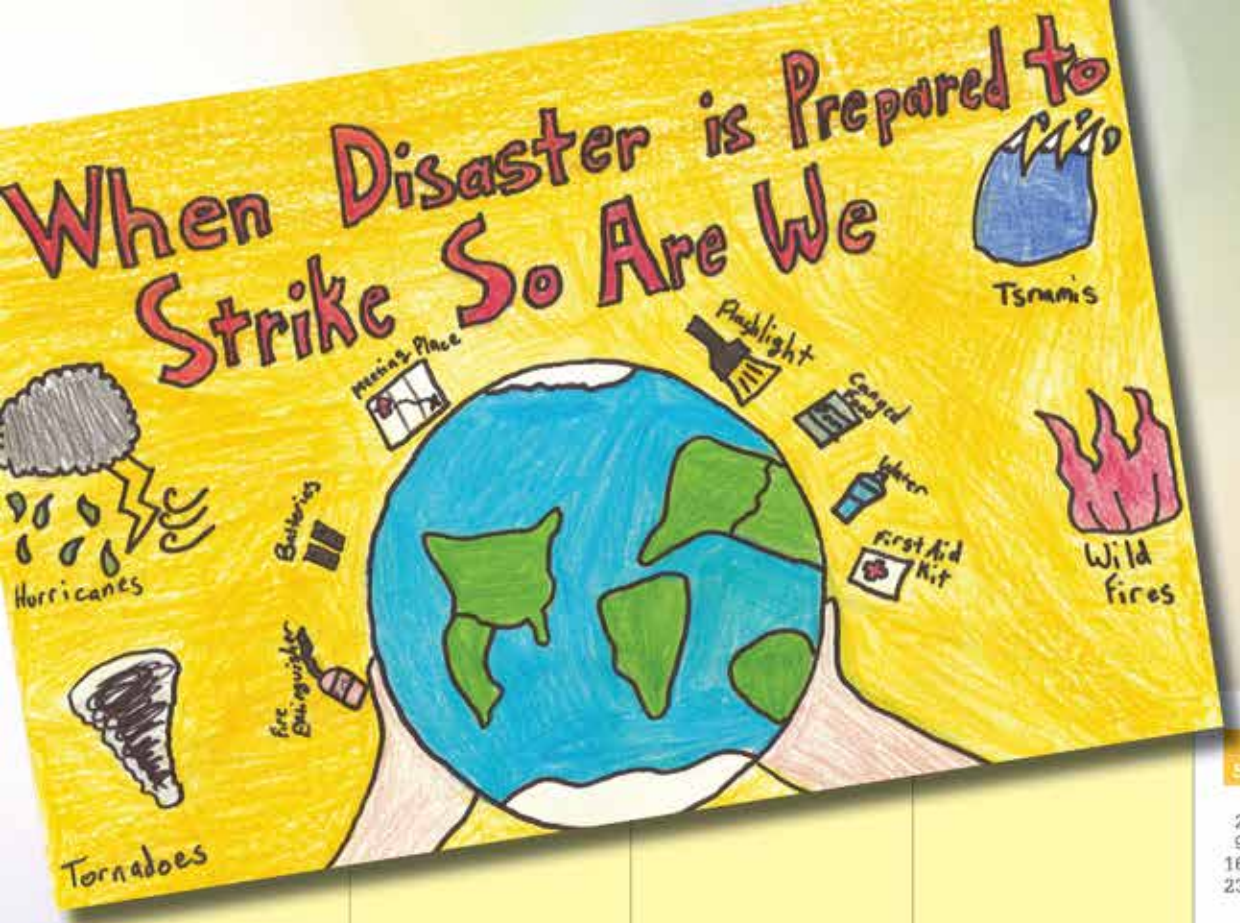
February 2014

HAILEY



MAR2014



KODI

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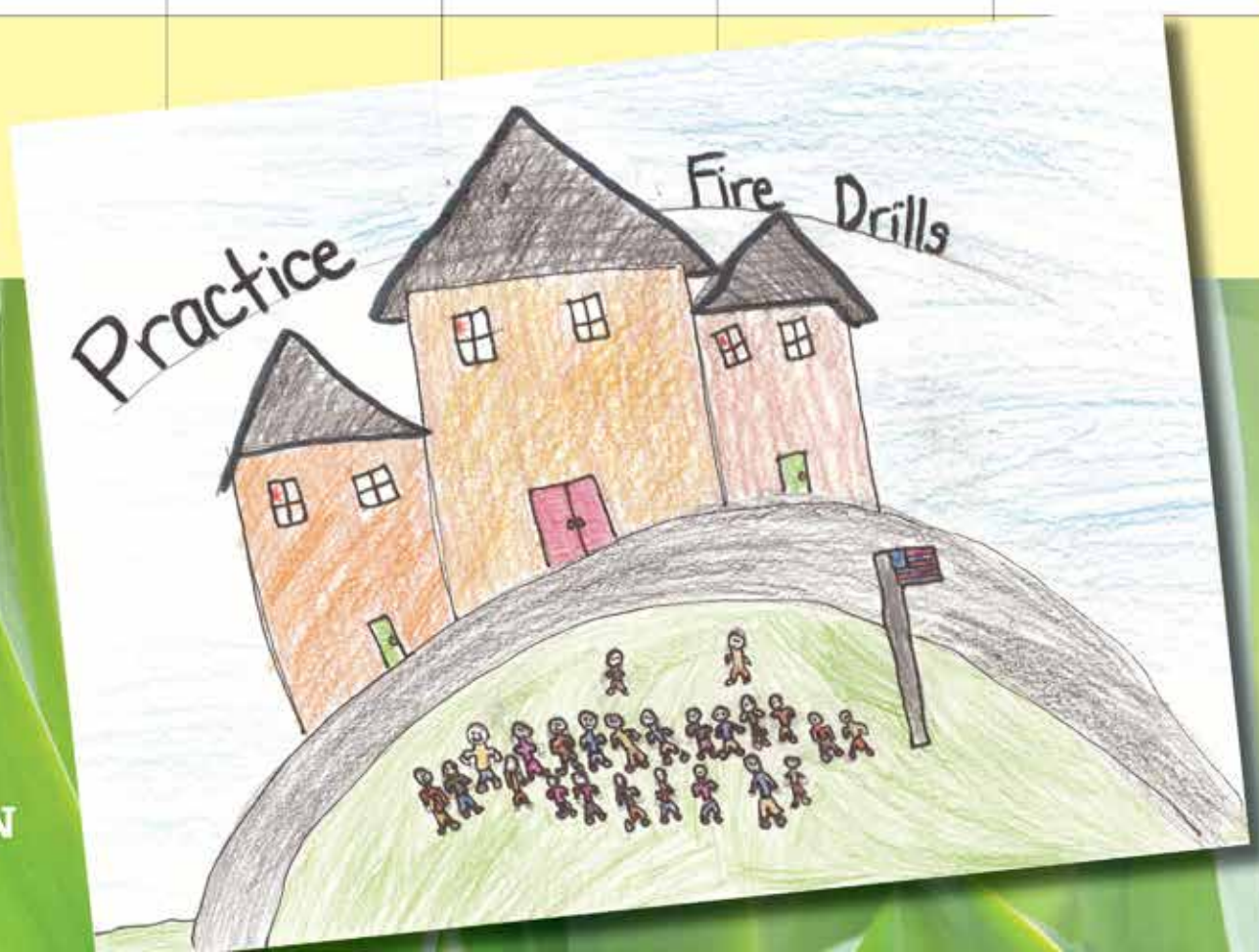
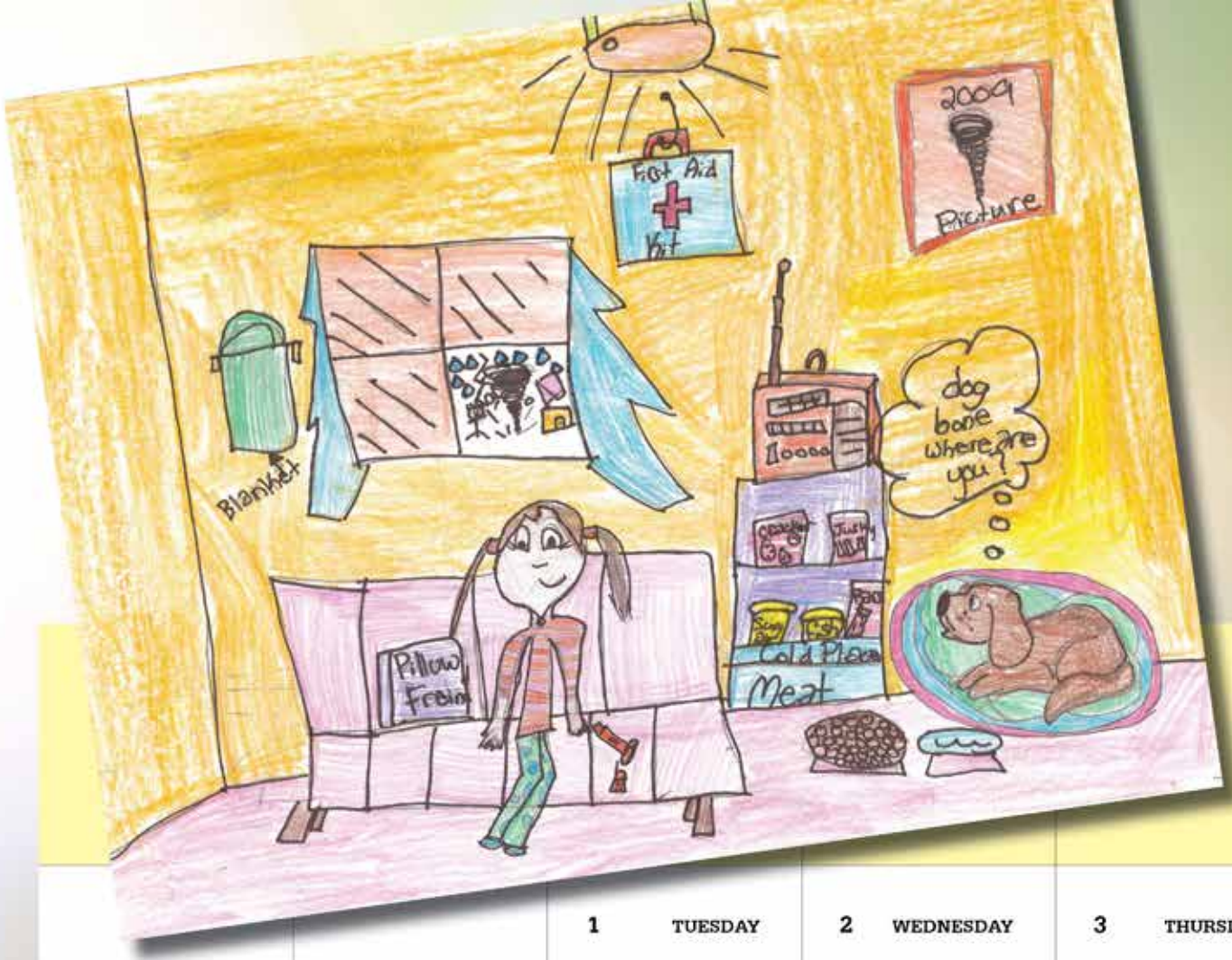
1 SATURDAY *New Moon*						
2 SUNDAY	3 MONDAY	4 TUESDAY	5 WEDNESDAY	6 THURSDAY	7 FRIDAY	8 SATURDAY *First Quarter Moon*
9 SUNDAY Daylight Saving Time Begins	10 MONDAY	11 TUESDAY	12 WEDNESDAY	13 THURSDAY	14 FRIDAY	15 SATURDAY
16 SUNDAY *Full Moon*	17 MONDAY St. Patrick's Day	18 TUESDAY	19 WEDNESDAY	20 THURSDAY First Day of Spring	21 FRIDAY	22 SATURDAY
23 SUNDAY	24 MONDAY *Last Quarter Moon*	25 TUESDAY	26 WEDNESDAY	27 THURSDAY	28 FRIDAY	29 SATURDAY
30 SUNDAY *New Moon*	31 MONDAY					



March 2014

MADELYN

APR2014



MOLLY

MARCH 2014

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MAY 2014

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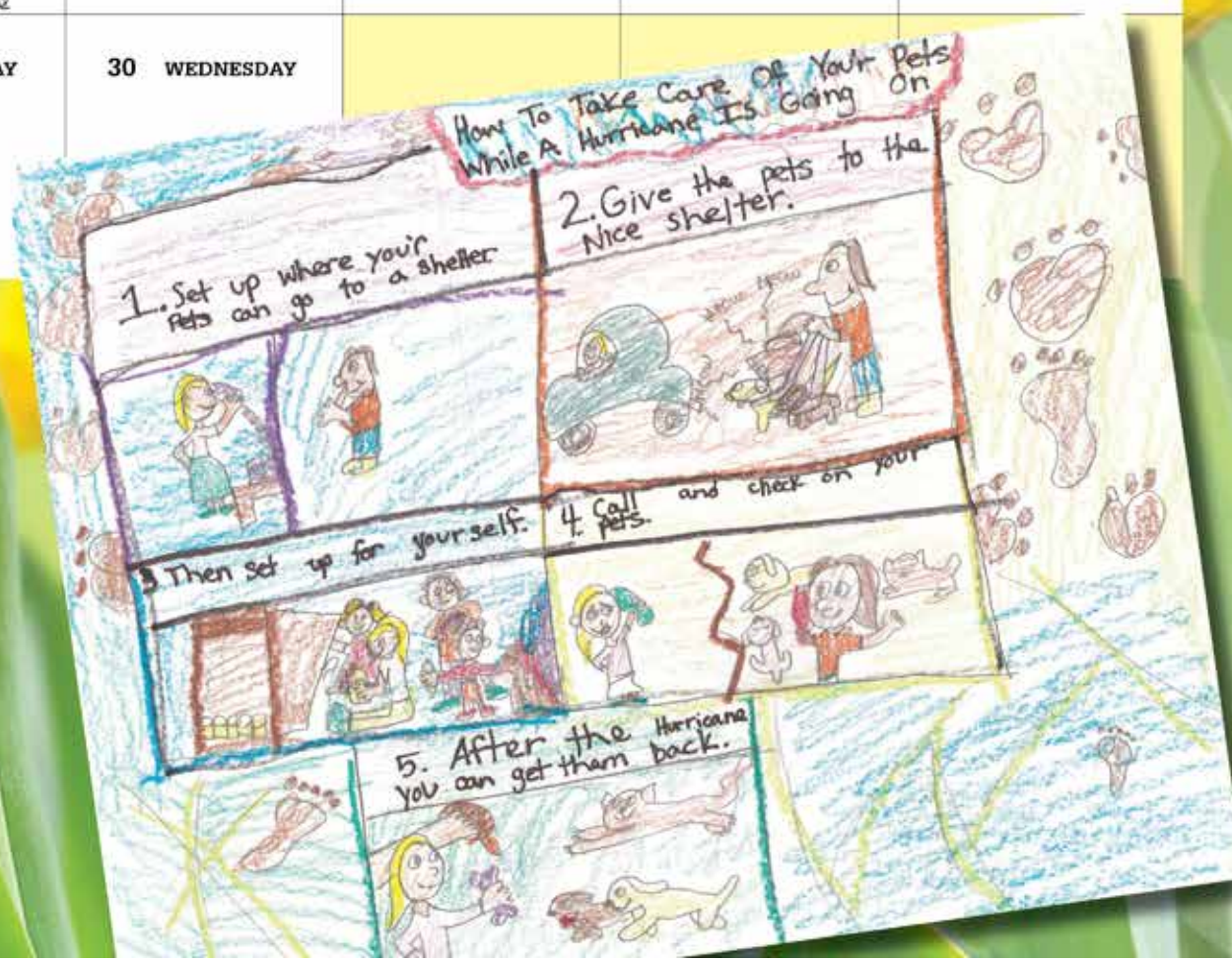
		1 TUESDAY April Fool's Day	2 WEDNESDAY	3 THURSDAY	4 FRIDAY	5 SATURDAY
6 SUNDAY	7 MONDAY First Quarter Moon	8 TUESDAY PM Activation or Growl SIREN TEST	9 WEDNESDAY	10 THURSDAY	11 FRIDAY	12 SATURDAY
13 SUNDAY Palm Sunday	14 MONDAY Passover Begins at Sunset	15 TUESDAY Full Moon	16 WEDNESDAY	17 THURSDAY	18 FRIDAY Good Friday	19 SATURDAY
20 SUNDAY Easter	21 MONDAY	22 TUESDAY Earth Day Last Quarter Moon	23 WEDNESDAY	24 THURSDAY	25 FRIDAY	26 SATURDAY
27 SUNDAY	28 MONDAY	29 TUESDAY New Moon	30 WEDNESDAY			

April 2014

LILLY



MAY 2014

RHYAN

				1 THURSDAY	2 FRIDAY	3 SATURDAY
4 SUNDAY	5 MONDAY Cinco de Mayo	6 TUESDAY	7 WEDNESDAY First Quarter Moon	8 THURSDAY	9 FRIDAY	10 SATURDAY
11 SUNDAY Mother's Day	12 MONDAY	13 TUESDAY	14 WEDNESDAY Full Moon	15 THURSDAY	16 FRIDAY	17 SATURDAY Armed Forces' Day
18 SUNDAY	19 MONDAY	20 TUESDAY	21 WEDNESDAY Last Quarter Moon	22 THURSDAY	23 FRIDAY	24 SATURDAY
25 SUNDAY	26 MONDAY Memorial Day	27 TUESDAY	28 WEDNESDAY New Moon	29 THURSDAY	30 FRIDAY	31 SATURDAY

APRIL 2014

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JUNE 2014

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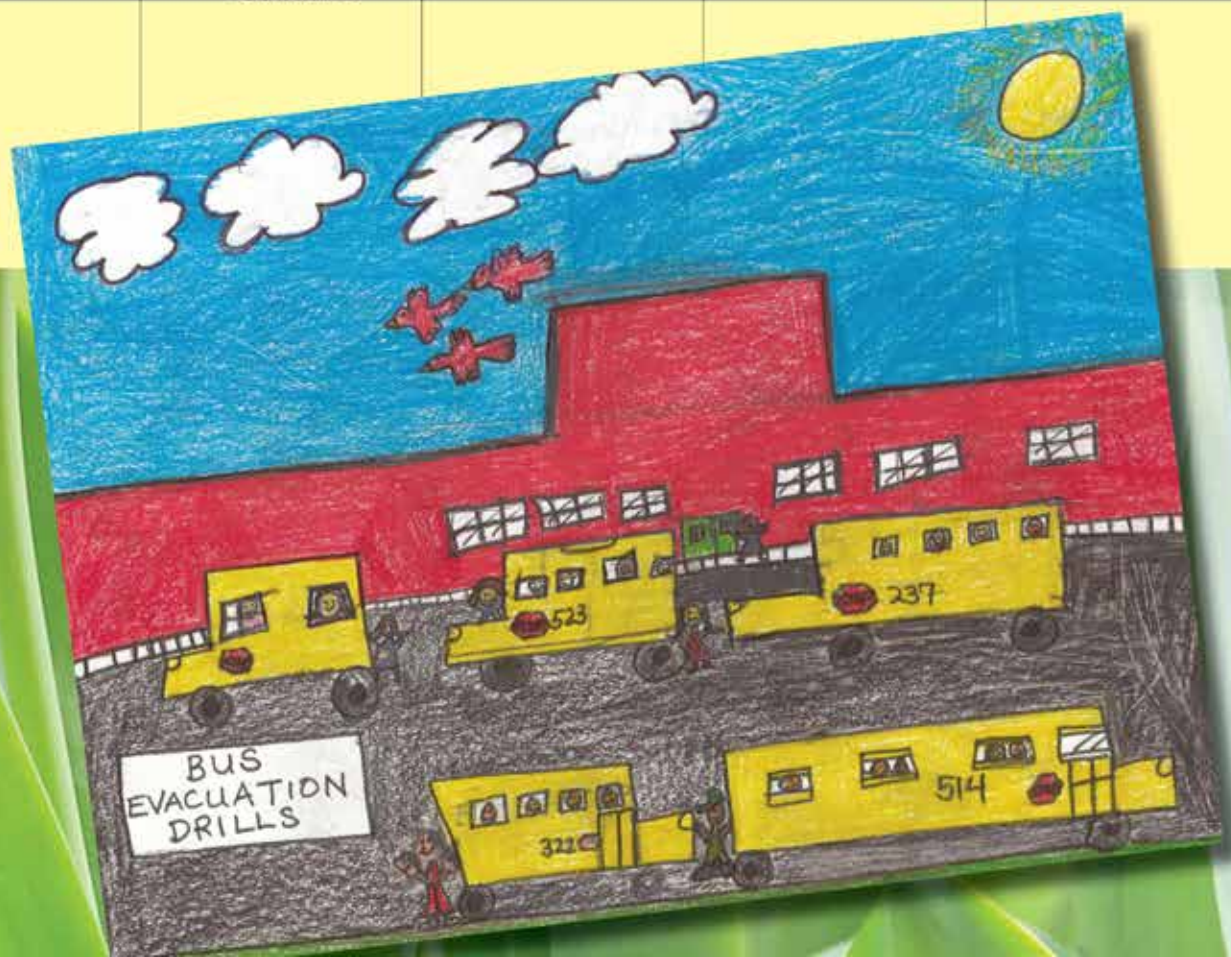
May 2014

REAGAN



JUN2014

RYLIE

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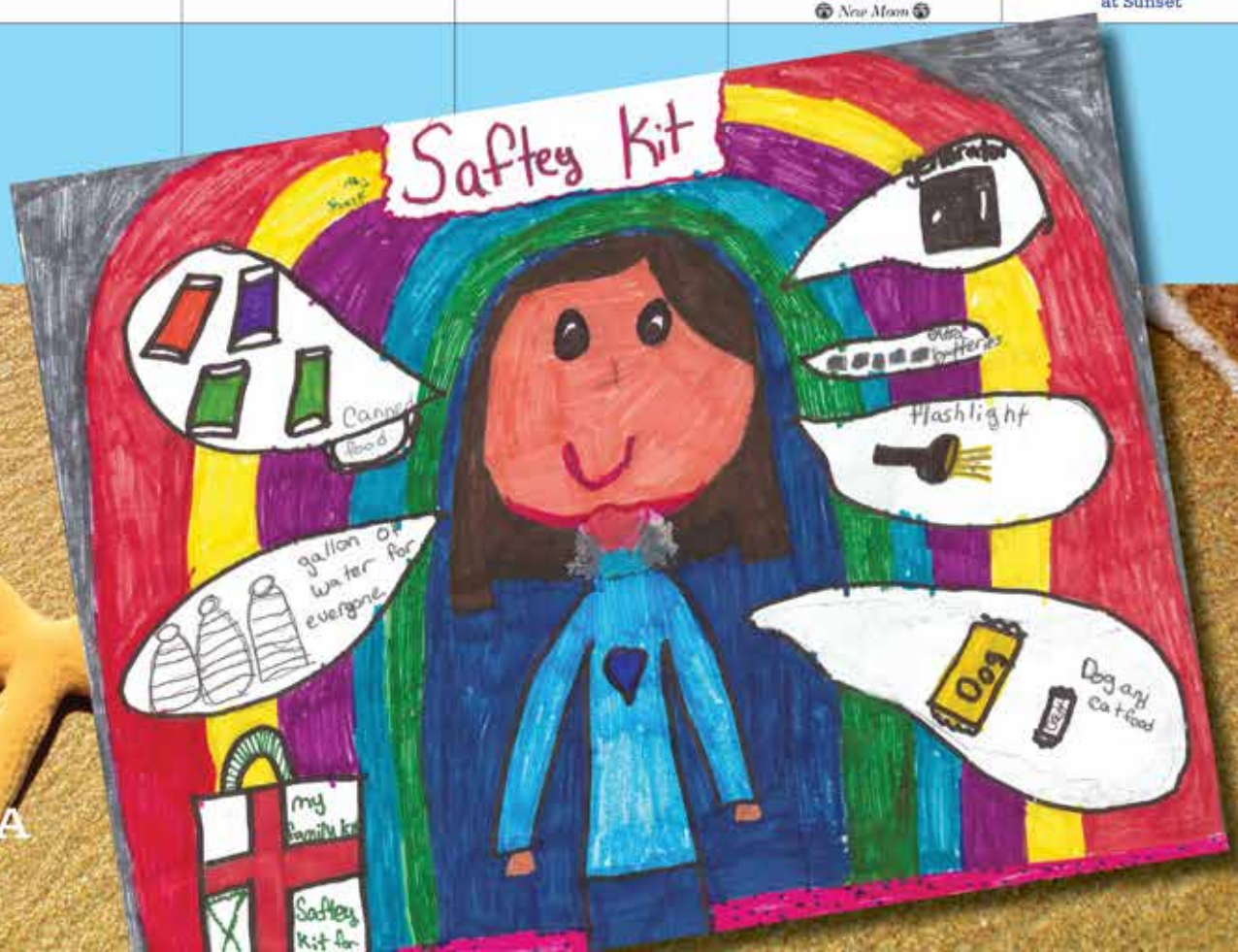
1 SUNDAY	2 MONDAY	3 TUESDAY	4 WEDNESDAY	5 THURSDAY First Quarter Moon	6 FRIDAY	7 SATURDAY
8 SUNDAY	9 MONDAY	10 TUESDAY	11 WEDNESDAY	12 THURSDAY	13 FRIDAY Full Moon	14 SATURDAY Flag Day U.S. Army Birthday
15 SUNDAY Father's Day	16 MONDAY	17 TUESDAY	18 WEDNESDAY	19 THURSDAY Last Quarter Moon	20 FRIDAY	21 SATURDAY First Day of Summer
22 SUNDAY	23 MONDAY	24 TUESDAY	25 WEDNESDAY	26 THURSDAY	27 FRIDAY New Moon	28 SATURDAY Ramadan Begins at Sunset
29 SUNDAY	30 MONDAY					



June 2014

SAVANNA

JUL2014

SHANIYA

JUNE 2014						
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AUGUST 2014						
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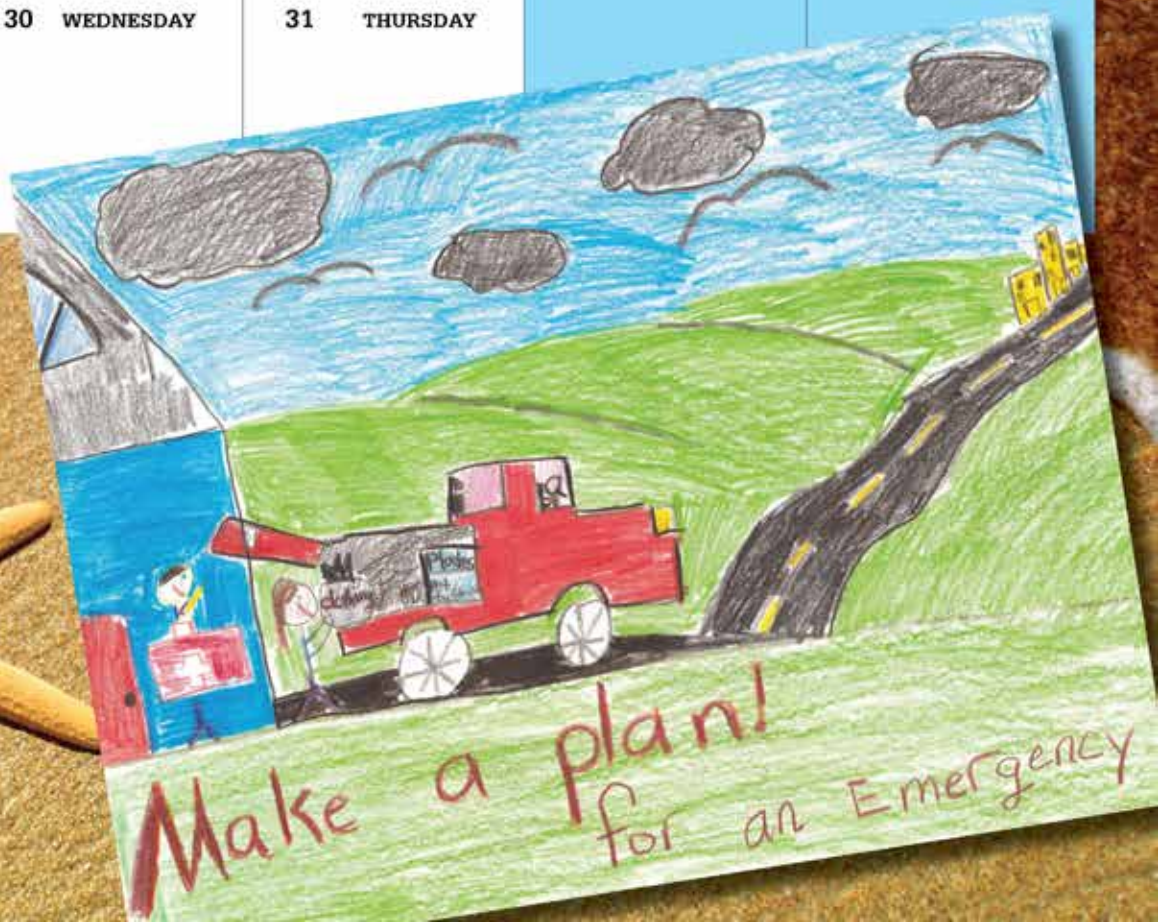
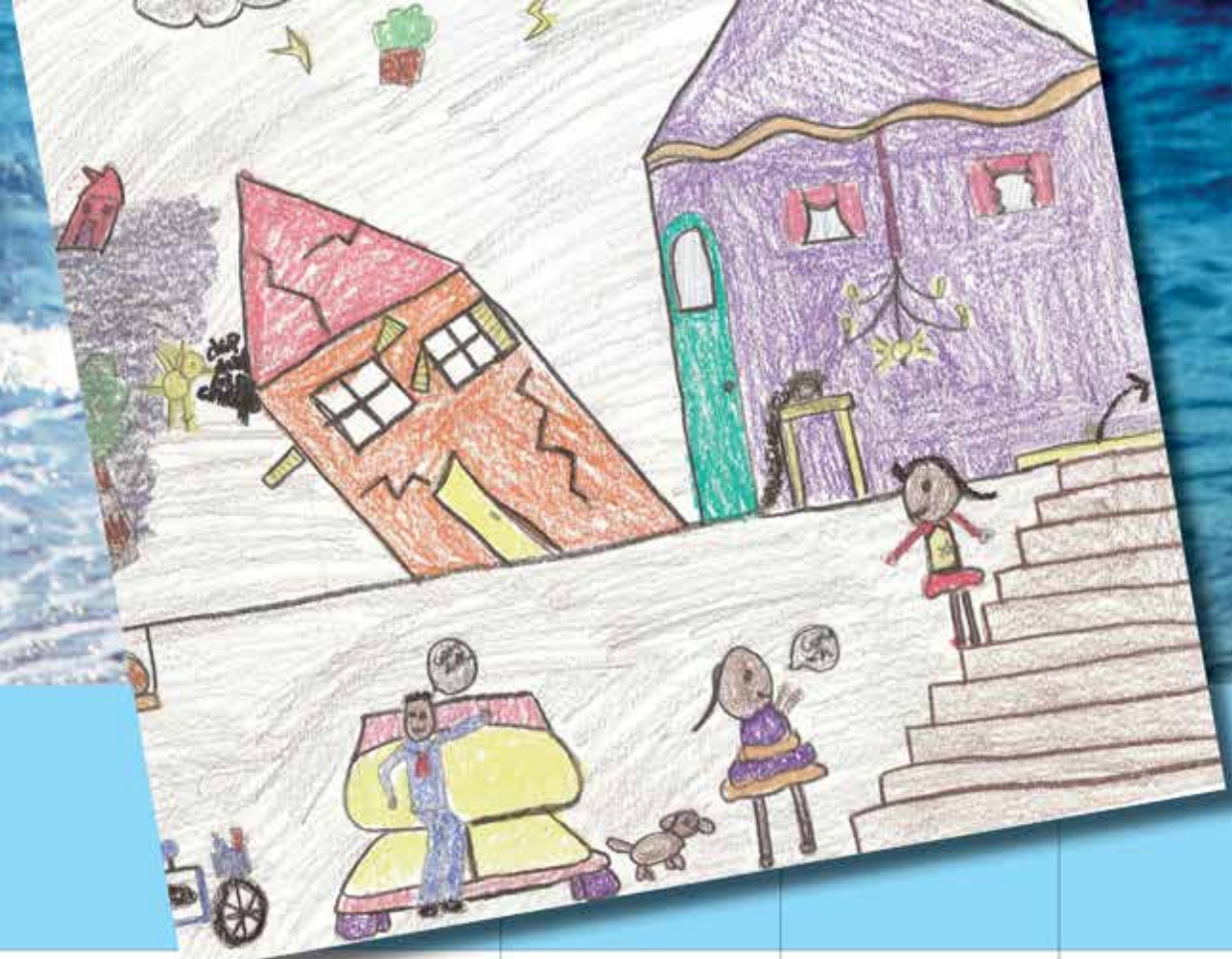
		1 TUESDAY	2 WEDNESDAY	3 THURSDAY	4 FRIDAY Independence Day
5 SATURDAY First Quarter Moon	6 SUNDAY	7 MONDAY	8 TUESDAY PM Activation or Growl SIREN TEST	9 WEDNESDAY **Cumberland County** Public Hearing On NJ Emergency Plan Woodland Country Day School	10 THURSDAY
11 FRIDAY	12 SATURDAY Full Moon	13 SUNDAY	14 MONDAY	15 TUESDAY **Salem County** Public Hearing On NJ Emergency Plan Salem County Office of Emergency Management	16 WEDNESDAY
17 THURSDAY	18 FRIDAY	19 SATURDAY Last Quarter Moon	20 SUNDAY	21 MONDAY	22 TUESDAY
23 WEDNESDAY	24 THURSDAY	25 FRIDAY	26 SATURDAY New Moon	27 SUNDAY	28 MONDAY Ramadan Ends at Sunset
29 TUESDAY	30 WEDNESDAY	31 THURSDAY			

July 2014

TORI



AUG2014



VINA

										1	FRIDAY	2	SATURDAY
										Air Force Day			
3	SUNDAY	4	MONDAY	5	TUESDAY	6	WEDNESDAY	7	THURSDAY	8	FRIDAY	9	SATURDAY
		Coast Guard Day First Quarter Moon											
10	SUNDAY	11	MONDAY	12	TUESDAY	13	WEDNESDAY	14	THURSDAY	15	FRIDAY	16	SATURDAY
Full Moon													
17	SUNDAY	18	MONDAY	19	TUESDAY	20	WEDNESDAY	21	THURSDAY	22	FRIDAY	23	SATURDAY
Last Quarter Moon													
24	SUNDAY	25	MONDAY	26	TUESDAY	27	WEDNESDAY	28	THURSDAY	29	FRIDAY	30	SATURDAY
		New Moon											
31	SUNDAY												

JULY 2014

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SEPTEMBER 2014

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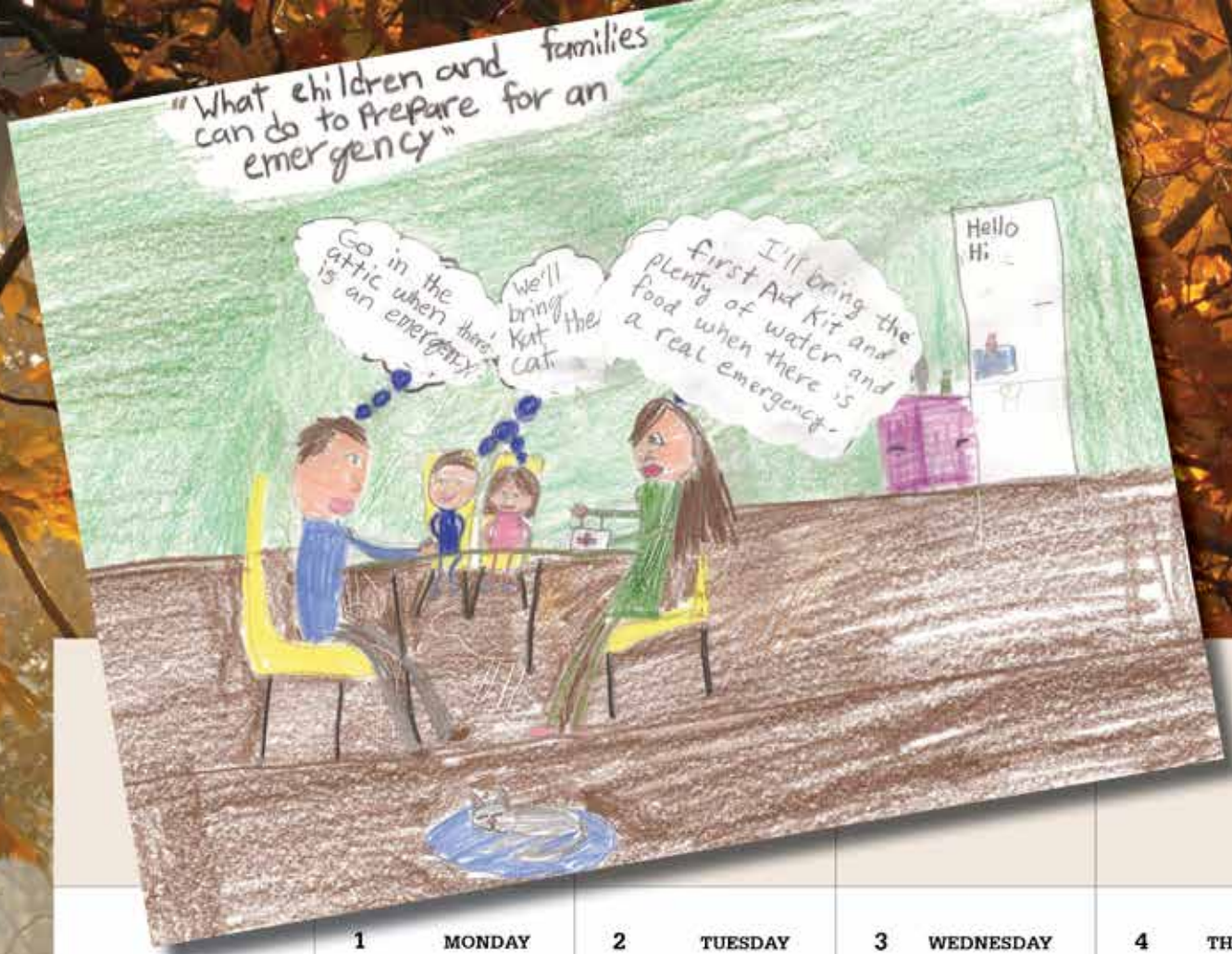
August 2014

EMILY

SEPT 2014



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	1 MONDAY Labor Day	2 TUESDAY First Quarter Moon	3 WEDNESDAY	4 THURSDAY	5 FRIDAY	6 SATURDAY
7 SUNDAY	8 MONDAY	9 TUESDAY Full Moon	10 WEDNESDAY	11 THURSDAY Patriot Day	12 FRIDAY	13 SATURDAY
14 SUNDAY	15 MONDAY	16 TUESDAY Last Quarter Moon	17 WEDNESDAY Constitution Day/ Citzenship Day	18 THURSDAY	19 FRIDAY	20 SATURDAY
21 SUNDAY	22 MONDAY First Day of Autumn	23 TUESDAY	24 WEDNESDAY Rosh Hashanah Begins at Sunset New Moon	25 THURSDAY	26 FRIDAY	27 SATURDAY
28 SUNDAY	29 MONDAY	30 TUESDAY				

OCT 2014

SERINA

SEPTEMBER 2014

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						1	WEDNESDAY	2	THURSDAY	3	FRIDAY
						First Quarter Moon				Yom Kippur Begins at Sunset	
5	SUNDAY	6	MONDAY	7	TUESDAY	8	WEDNESDAY	9	THURSDAY	10	FRIDAY
				AM Activation or Growl SIREN TEST		Full Moon					
12	SUNDAY	13	MONDAY	14	TUESDAY	15	WEDNESDAY	16	THURSDAY	17	FRIDAY
		Columbus Day Navy Day				Last Quarter Moon					
19	SUNDAY	20	MONDAY	21	TUESDAY	22	WEDNESDAY	23	THURSDAY	24	FRIDAY
								New Moon			
26	SUNDAY	27	MONDAY	28	TUESDAY	29	WEDNESDAY	30	THURSDAY	31	FRIDAY
										Halloween First Quarter Moon	

4	SATURDAY
11	SATURDAY
18	SATURDAY
25	SATURDAY

October 2014

What to do during an **Emergency**

Emergency Classifications

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

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

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

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

New Jersey ➤

Salem County
Office of Emergency Management
1-856-769-2900

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

New Jersey State Police
Office of Emergency Management
P.O. Box 7068
West Trenton, NJ 08628-0068
or call 1-800-792-8314

New Jersey DEP
Bureau of Nuclear Engineering
P.O. Box 415
Trenton, NJ 08625-0415
or call 1-609-984-7700

Web Page
www.ready.nj.gov

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

Delaware ➤

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

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

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

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

Web Page
www.dema.delaware.gov

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

Procedures for **PROTECTIVE ACTIONS**

If asked to shelter in-place

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

If you are traveling in a motor vehicle

- Close windows and air vents.

If you are not at home

- Take the best available shelter.
- Instructions will be given on the radio.
- Stay inside until you are told it is safe to go out.

If asked to evacuate

- Close and lock all doors and windows.
- Shut off appliances and faucets.
- Show emergency workers you have left the premises by taping the NOTIFIED sign (located on the foldout of this calendar) in an easily-seen front window or door.
- Bring the suggested items with you (listed at right).
- Be sure your neighbors know what to do.
- Close car windows and vents.
- Tune to an EAS radio station and follow instructions from officials.
- Go to the Reception Centers identified on the radio (see map).

Need a ride?

Try to go with a neighbor. If that's not possible, buses will be available along major routes and will travel those routes during an evacuation. If you have special transport needs, now is the time to fill out and mail the Special Needs card (see foldout).

Items to take

If you are asked to evacuate in an emergency, you should plan to be away for at least three days. Listed below are some items you may want to take:

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

Radiological information for farmers

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

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

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

POTASSIUM IODIDE (KI)

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

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

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

The area within the 10-mile EPZ in both states is divided into smaller portions known as Emergency Response Planning Areas or ERPAs. The ERPAs have easily recognizable boundaries for identification when used with the Emergency Alert System (EAS). You may be instructed to take KI in addition to other Protective Actions via the Emergency Alert System. When necessary, KI tablets will also be available for distribution to people evacuated to reception centers in New Jersey and Delaware. See maps for New Jersey and Delaware.

In New Jersey, you may obtain KI from:

Salem Health Department
98 Market Street
Salem, NJ 08079-1912
1-856-935-7510

Cumberland Health Department
309 Buck Street
Millville, NJ 08332
1-856-327-7602

For information and distribution dates regarding KI in Delaware, contact:

Delaware Emergency Management Agency
1-877-729-3362 (IN STATE) or 1-302-659-3362, or check DEMA Website at www.dema.delaware.gov

OR

For use of KI in Delaware, contact:

DPH, Division of Public Health
Office of Radiation Control
1-302-744-4546

Request the DPH, Office of Radiation Control

What to do during an **Emergency**

In New Jersey

Emergency Response Planning Areas (ERPAs)

In a real emergency, residents of some ERPAs may need to take action. Others may not.

Know the locations of the Reception Centers (see below).

People who are told to evacuate will use the Reception Centers.

EAS messages from state officials will direct you to your Reception Center.

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

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

Reception Centers

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

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

A **Salem County Vo-tech School**
880 Route 45
Woodstown

C **Pennsville Fire Department**
91 First Street—Route 49
Pennsville

B **Bridgeton High School**
West Avenue
Bridgeton

Emergency Worker Decon and Reception Center for ERPA#5

NJ Special Needs Registry

The *NJ Special Needs Registry* is designed to help emergency responders locate and safely evacuate people who could find it difficult to help themselves in the event of a major disaster, such as a hurricane.

Register today to be ready for tomorrow!
www.registerready.nj.gov

Register READY
www.registerready.nj.gov

NJ ALERT...Be Aware, Be Prepared

NJ Alert is a free, voluntary and confidential emergency alerting system that allows State Emergency Management officials to send email or text messages to cell phones,and other emailable devices during any emergency event.

School Information

Host Schools:

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

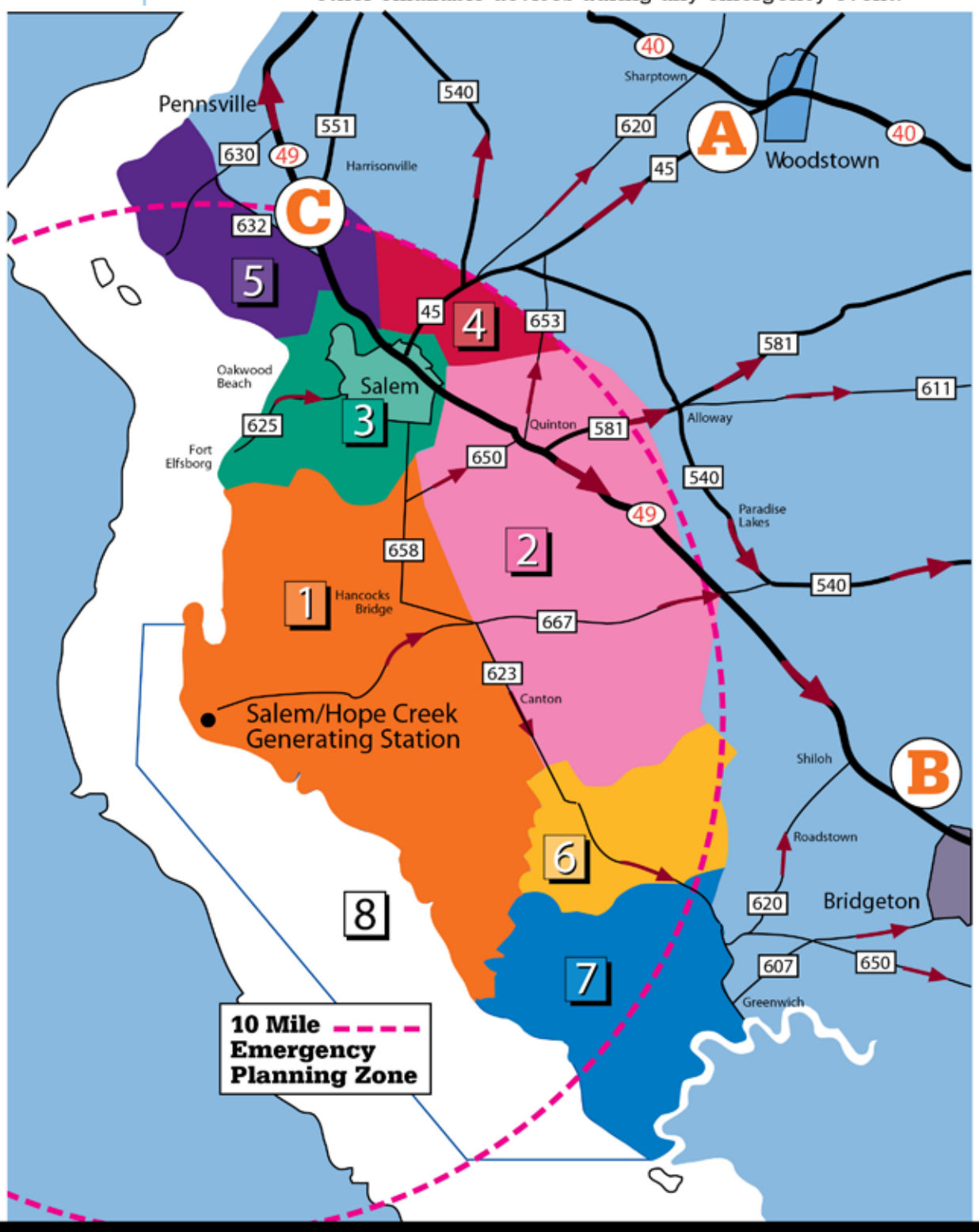
Mary Shoemaker School
is the host school for
- Elsinboro Township Elementary School

Schalick High School
is the host school for
- Lower Alloways Creek Township Elementary School
- Quinton Township Elementary School

Penns Grove Middle School
is the host school for
- John Fenwick School

Penns Grove High School
is the host school for
- Salem City Middle School
- Salem City High School

Cumberland Regional High School
is the host school for
- Morris Goodwin School
- Stow Creek Township School
- Woodland Country Day School



What to do during an **Emergency**

Reception Centers

- Reception Centers are listed at right. State officials will be along evacuation routes to assist traffic.

Emergency Response Planning Areas (ERPAs)

In a real emergency, residents of some ERPAs may need to take action. Others may not.

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

DE Special Needs Registry

The DE Special Needs Registry is designed to help emergency responders locate and safely evacuate people who would need transportation in the event of an incident at the Salem/Hope Creek Nuclear Power Plant.
You can register online, by using the web link information listed below.

New Delaware Online Special Needs Population Registry at the following address: http://www.de911assist.delaware.gov

Evacuation Bus Routes

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

- Saw Mill Branch Road to Walker School Road to Gum Bush Road to Deer Run Road to Eagles Nest Landing Road to Walker School Road (Road 45) to Paddock Road (Road 30)
- Hyetts Corner Road to Jamison Corner Road to SR 896 to Cedar Lane Road to Marl Pit Road to junction with US Route 301 / SR 71 (Summit Bridge Road)
- Money Road to SR 71 (Summit Bridge Road / S. Broad Street) to SR 299 (W. Main Street) to railroad tracks in Middletown
- Union Church Road (Road 456) to SR 71 (Summit Bridge Road) to Main Street / Caldwell Corner Road to junction with SR15 (Dogtown Road / Blackbird Station Road)
- SR 9 (Flemings Landing Road / Hay Point Landing Road) to SR 6 (Woodland Beach Road)
- SR 9 (5th Street) to Clinton Street / Cox Neck Road to northbound US Route 13
- S. Reedy Point Road to Dutch Neck Road to Port Penn Road to northbound US Route 13
- Port Penn Road to northbound US Route 13 to Lorewood Grove Road to Old Summit Bridge Road to Bethel Church Road (Road 433) to junction with US Route 301 / SR 71 / SR 896 (Summit Bridge Road)
- Market Street / Port Penn Road to Pole Bridge Road to northbound US Route 13
- SR 9 (Market Street / Congress Street) to Bayview Road (Road 423) to northbound US Route 13 to SR 896 (Boyds Corner Road) to junction with 301 / SR 71 / SR 896 (Summit Bridge Road)
- Vance Neck Road (Road 37) to Bayview Road (Road 423) to northbound US Route 13 to SR 896 (Boyds Corner Road) to Shallcross Lake Road to Marl Pit Road (Road 429) to Cedar Lane Road to N. Broad Street to W. Main Street to railroad tracks in Middletown
- SR 9 (Silver Run Road / Thomas Corner Road / Thomas Landing Road) to SR 299 (Taylors Bridge Road) to SR 299 (Old State Road / Main Street) to northbound US 13 to Marl Pit Road (Road 429) to junction with US Route 301 / SR 71 (Summit Bridge Road)
- Taylors Bridge Road to Fieldsboro Road to northbound US Route 13 to SR 299 (Main Street / Middletown - Odessa Road / E. Main Street) to railroad tracks in Middletown
- Harris Road to Noxontown Road to SR 71 (Summit Bridge Road / S. Broad Street) to SR 299 (W. Main Street) to railroad tracks in Middletown
- Staves Landing Road to SR 9 (Taylors Bridge Road) to Union Church Road (Road 456) to Blackbird Landing Road (Road 455) to Gum Bush Road to Anchor Inn Road (Road 495) to southbound US Route 13 to New Castle / Kent County Line
- SR 9 (Taylors Bridge Road) to Union Church Road (Road 456) to Blackbird Landing Road (Road 455) to Pine Tree Road / Main Street / Caldwell Corner Road to junction with SR 15 (Dogtown Road / Blackbird Station Road)
- Cedar Swamp Road (Road 453) to SR 9 (Flemings Landing Road) to Walker School Road (Road 45) to Paddock Road (Road 30) to southbound US Route 13 to New Castle / Kent County Line

School Information

Student Relocation Centers

Unless otherwise indicated by EAS messages, your children will be relocated to the following schools in an emergency:

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

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

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

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

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

In Delaware

1 **Smyrna Readiness Center**
103 Artisan Drive
Smyrna

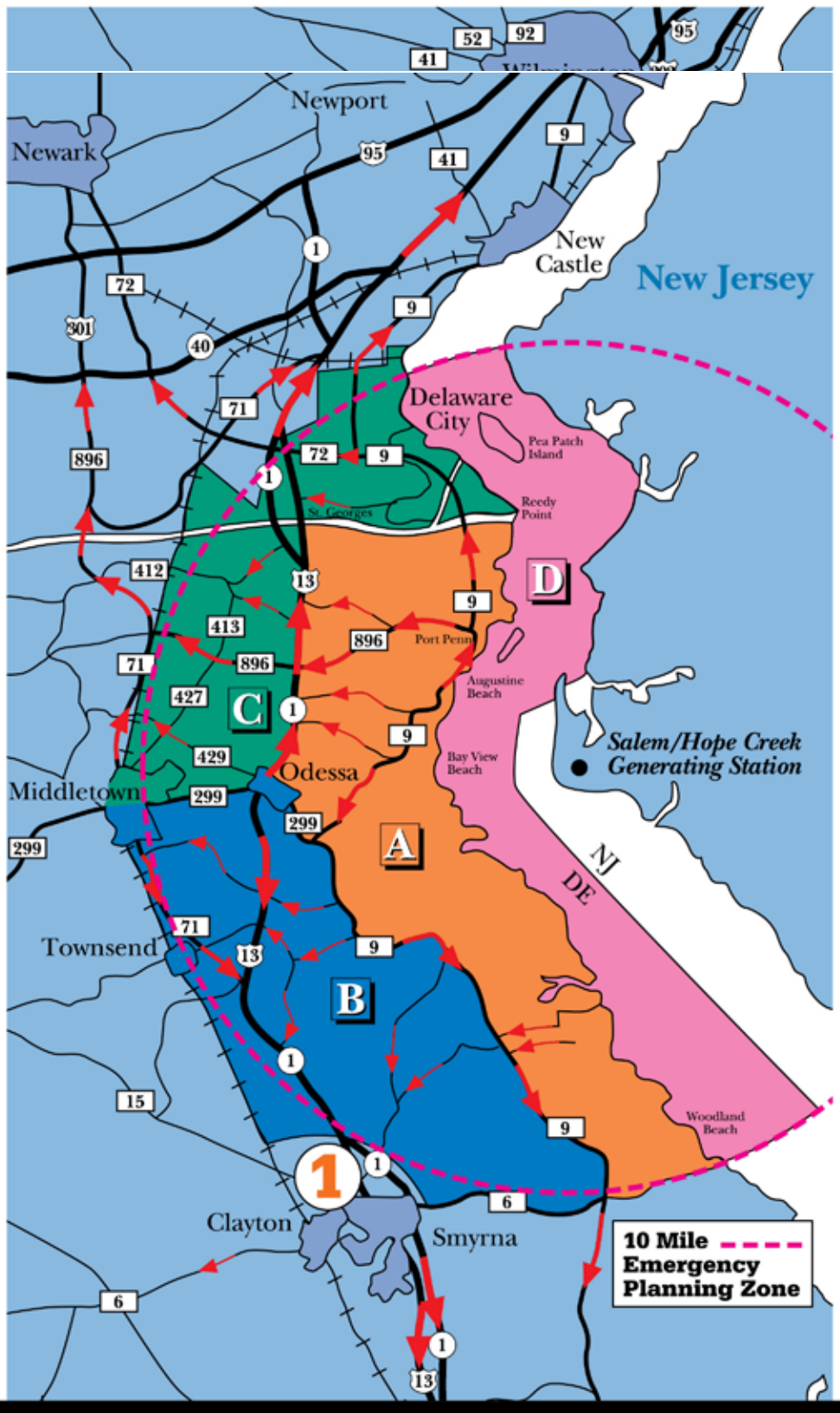
2 **Frank H. Stern Readiness Center (Marshallton)**
1420 Newport Gap Pike
Wilmington

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

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

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

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



Radiation In **PERSPECTIVE**

Ionizing radiation:

Energy particles given off by unstable atoms as they undergo radioactive decay to stabilize.

The radiation given off by the radioactive materials in commercial nuclear power plants is called ionizing radiation. That means that it causes ion pairs (positively and negatively charged particles) to form in the cells that the radiation encounters. **It is important to understand that ionizing radiation from nuclear power plants is the same as ionizing radiation from other possible sources, such as cosmic radiation, medical treatments and the naturally occurring background radiation from the soil and building materials around us.**

Low-level ionizing radiation is measured in units called millirem (1/1000 of a REM). **Most people in the U.S. receive about 250-300 millirem per year from natural background radiation.**

The sun and stars give off radiation called cosmic radiation and **most of us receive about 27 millirem a year from this source.** We get another 28 millirem from the naturally occurring radioactive materials in building materials (usually bricks, stone and mortar) and the soil. There is an additional 200 millirem from the air we breathe, largely from radon.

Medical treatments and examinations are another source of radiation exposure for many people. **A chest X-ray is generally about 10 millirem, while a dental X-ray is usually about 9 millirem.** Most scientists do not think that these levels have a significant impact on a person's health.

The average person living within 50 miles of a commercial nuclear power plant will receive about .001 millirem of additional radiation exposure on an annual basis. **Even people living within a few miles of a plant rarely get as much as 1 millirem per year.**

Emergency Checklist

Call Emergency Management/American Red Cross Chapter

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

Create an Emergency Plan

- ☐ Meet with household members to discuss the dangers of fire, severe weather, earthquakes and other emergencies. Explain how to respond to each.
- ☐ Find the safe spots in your home for each type of disaster.
- ☐ Discuss what to do about power outages and personal injuries.
- ☐ Draw a floor plan of your home. Mark two escape routes from each room.
- ☐ Show family members how to turn off the water, gas and electricity main switches when necessary.
- ☐ Post emergency telephone numbers near telephones.
- ☐ Teach children how and when to call 911, police and fire.
- ☐ Instruct household members to turn on the radio for emergency information.
- ☐ Pick one out-of-state and one local friend or relative for family members to call if separated during a disaster (it is often easier to call out-of-state than within the affected area).
- ☐ Teach children your out-of-state contact's phone numbers.
- ☐ Pick two emergency meeting places.
  1) A place near your home in case of a fire.
  2) A place outside your neighborhood in case you cannot return home after a disaster.
- ☐ Take a basic first aid and CPR class.
- ☐ Keep family records in a water and fire-proof container.

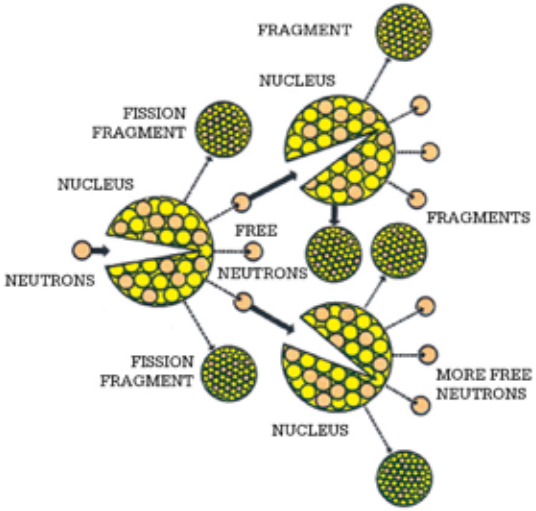
Prepare a Disaster Supplies Kit

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

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

If You Need to Evacuate, Remember to...

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



Nuclear Fission:

How it works in the generation of electricity

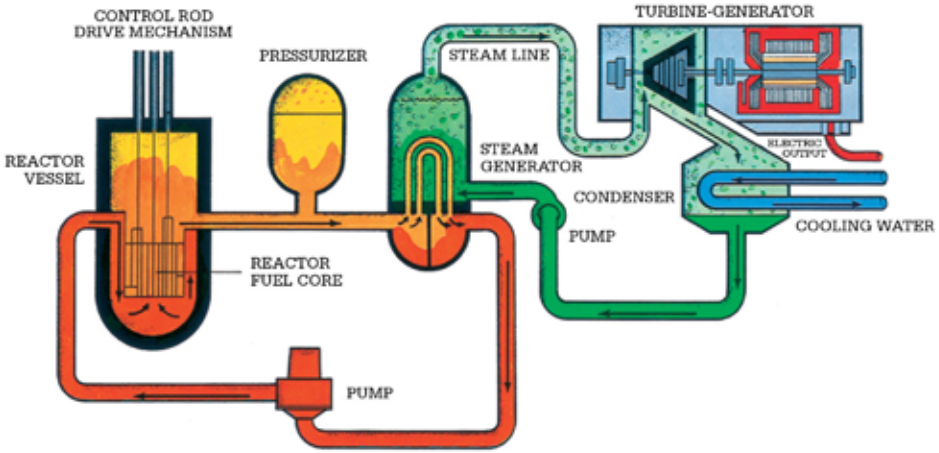
Nuclear fission (splitting) occurs when the nucleus of an atom of **U235 Uranium** is bombarded with neutrons from another source. The nucleus splits into two smaller fragments and at the same time releases additional neutrons. Some of these additional neutrons will split other **U235** nuclei which in turn will release still more neutrons. This continuous splitting is a **chain reaction**. One product of a chain reaction is **heat** produced by the fragments being scattered at high speed.

The chain reaction takes place inside a containment vessel called a **reactor. Control rods**, made of a material that absorbs neutrons like a blotter, can stop the chain reaction instantly when inserted into the reactor fuel core.

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

THE PRESSURIZED WATER NUCLEAR REACTOR

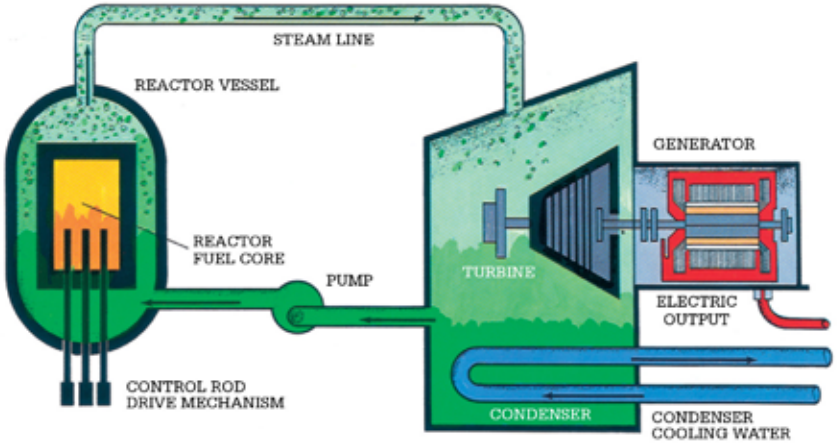
Salem



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

THE BOILING WATER NUCLEAR REACTOR

Hope Creek



In a **boiling water** nuclear reactor, there are **two** separate and enclosed **water loops**. Within the **first** loop, water flows through the **reactor fuel core** and heat generated by **nuclear fission** causes it to boil into steam. The steam rushes with great force through the steam line into a **turbine**. Once in the turbine, the steam strikes blades attached to a shaft causing it to spin. The other end of the shaft spins inside a **generator**, producing electricity. A **second** water loop, carrying cooling water drawn from an outside source, condenses the steam when its energy is spent in the turbine. After condensation, the reconverted water is pumped back into the **reactor vessel** to start the heating cycle again while the cooling water is returned to its source.