EAS Message Activation through the National Weather Service Office

National Weather Service Office EAS activation procedures are maintained separately at the SEOC, applicable NWS office and Lead County Emergency Management office.

North Carolina Radiological Emergency Response Plan APPENDIX 1 to ANNEX E – EAS MESSAGE BROADCAST ACTIVATION BY NWS January 2008

EAS Message Activation through the State EOC

- 1. All local EAS activations must be coordinated with the local Emergency Management Coordinator.
- 2. Dial the State EOC Communications Center at **919-733-3300 or 800-858-0368.**
- 3. When the Communications Officer answers, advise them you need to issue a Civil Emergency Message (CEM) for a REP event.
- 4. FAX a completed copy of the EAS Notification Message from the applicable appendix to the State EOC at 919-733-7554.
- 5. **BE PREPARED TO AUTHENTICATE!** Authentication lists are maintained by local Emergency Management Coordinators
- 6. You must know the following:
 - A. LP-1 station you want to activate.
 - B. The event code CEM
 - C. The county(s) which need to be warned.

North Carolina Radiological Emergency Response Plan APPENDIX 2 to ANNEX E - EAS MESSAGE BROADCAST ACTIVATION BY SEOC January 2008

BRUNSWICK NUCLEAR PLANT EMERGENCY NOTIFICATION MESSAGE # 1

NOTIFICATION MESSAGE WITH NO RADIOACTIVE RELEASE

<u>AND</u>

NO PROTECTIVE ACTION RECOMMENDATIONS

Siren and Emergency Alerting System activation concurrence by:

North Carolina _____ Brunswick County ____ New Hanover County _____

Message Concurrence at ______a.m. / p.m. Sirens sound at ______a.m. / p.m.

EAS broadcast at _____a.m. / p.m. NWS Radio at _____a.m. / p.m.

<u>EXERCISE MESSAGE</u>? Yes / No (If YES – State "THIS IS AN EXERCISE MESSAGE" before AND after reading message)

MESSAGE SIMULATION? Yes / No

(READ TEXT BELOW THIS LINE)

There has been no release of radioactive material by the Brunswick Nuclear Plant. No protective actions are needed by the public at this time.

Please refer to the emergency information located in your Brunswick Nuclear Plant safety brochure and calendar. Stay tuned to this station for more detailed information to follow.

BRUNSWICK NUCLEAR PLANT EMERGENCY NOTIFICATION MESSAGE # 2

NOTIFICATION MESSAGE WITH RADIOACTIVE RELEASE

<u>AND</u>

NO PROTECTIVE ACTION RECOMMENDATIONS

Sirens and Emergency Alerting System activated by:

North Carolina	Brunswick County	New Hanover County
----------------	------------------	--------------------

Message Concurrence at ______a.m. / p.m. Sirens sound at ______a.m. / p.m.

EAS broadcast at ______a.m. / p.m. NWS Radio ______a.m. / p.m.

<u>EXERCISE MESSAGE</u>? Yes / No (If YES – State "THIS IS AN EXERCISE MESSAGE" before AND after reading message)

MESSAGE SIMULATION? Yes / No

(READ TEXT BELOW THIS LINE)

An incident has occurred at Progress Energy's Brunswick Nuclear Plant, located at Southport, North Carolina, southwest of Wilmington which requires prompt public notification by the State of North Carolina, Brunswick, and New Hanover Counties. The plant is at a(n)______-level of emergency classification.

There has been a release of low level radioactive material into the atmosphere. No protective actions are needed by the public at this time.

Farmers are advised to begin sheltering, if possible, all livestock, especially dairy cows and place them on stored feed and protected water. For more details on livestock and agricultural product protective actions, farmers should contact their county extension service

Please refer to the emergency information located in your Brunswick Nuclear Plant safety brochure and calendar. Stay tuned to this station for more detailed information to follow.

BRUNSWICK NUCLEAR PLANT EMERGENCY NOTIFICATION MESSAGE # 3

MESSAGE IMPLEMENTING PROTECTIVE ACTION RECOMMENDATIONS

<u>WITH</u>

NO RADIOACTIVE RELEASE

Sirens and Emergency Alerting System activated by:

North Carolina	Brunswick County	New Hanover County
----------------	------------------	--------------------

Message Concurrence at ______a.m. / p.m. Sirens sound at ______a.m. / p.m.

EAS broadcast at ______a.m. / p.m. NWS Radio ______a.m. / p.m.

<u>EXERCISE MESSAGE</u>? Yes / No (If YES – State "THIS IS AN EXERCISE MESSAGE" before AND after reading message)

MESSAGE SIMULATION? Yes / No

(READ TEXT BELOW THIS LINE)

An incident has occurred at Progress Energy's Brunswick Nuclear Plant, located at Southport, North Carolina, southwest of Wilmington which requires prompt public notification by the State of North Carolina, Brunswick, and New Hanover Counties. The plant is at a(n) -level of emergency classification.

There has been no release of radioactive material by the Brunswick Nuclear Plant; however the following precautionary protective actions need to be taken by those people living in the 10-mile zones indicated at this time.

Evacuate: (Circle appropriate zones)

Α	В	С	D	Е	F	G	н	Κ

Shelter-in-Place (Stay in-doors until further notice): (Circle appropriate zones)

A B C D E F G H K

If possible without delaying evacuation, farmers are advised to shelter livestock, especially dairy cows and place them on stored feed and protected water. For more details on livestock and agricultural product protective actions, farmers should contact their county extension service.

Please refer to the emergency information in the Brunswick Nuclear Plant safety brochure and calendar. Stay tuned to this station for more detailed information.

####

E – 3 - 5 (Change 1, January 2009)

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E – 3 - 6 (Change 1, January 2009)

BRUNSWICK NUCLEAR PLANT EMERGENCY NOTIFICATION MESSAGE # 4

MESSAGE IMPLEMENTING PROTECTIVE ACTION RECOMMENDATIONS

<u>WITH</u>

RADIOACTIVE RELEASE

Sirens and Emergency Alerting System activated by:

North Carolina	Brunswick County	New Hanover County
----------------	------------------	--------------------

Message Concurrence at ______a.m. / p.m. Sirens sound at ______a.m. / p.m.

EAS broadcast at ______a.m. / p.m. NWS Radio ______a.m. / p.m.

<u>EXERCISE MESSAGE</u>? Yes / No (If YES – State *"THIS IS AN EXERCISE MESSAGE"* before AND after reading message)

MESSAGE SIMULATION? Yes / No

(READ TEXT BELOW THIS LINE)

An incident has occurred at Progress Energy's Brunswick Nuclear Plant, located at Southport, North Carolina, southwest of Wilmington which requires prompt public notification by the State of North Carolina, Brunswick, and New Hanover Counties. The plant is at a(n) -level of emergency classification.

There has been a release of radioactive material into the atmosphere by the Brunswick Nuclear Plant. Protective actions need to be taken by those people living in the 10-mile zones indicated at this time.

Evacuate: (Circle appropriate zones)

Α	В	С	D	Е	F	G	Н	K

Shelter-in-Place (Stay in-doors until further notice): (Circle appropriate zones)

A B C D E F G H K

If possible without delaying evacuation, farmers are advised to shelter livestock, especially dairy cows and place them on stored feed and protected water. For more details on livestock and agricultural product protective actions, farmers should contact their county extension service.

Please refer to the emergency information in the Brunswick Nuclear Plant safety brochure and calendar. Stay tuned to this station for more detailed information.

####

E – 3 - 7 (Change 1, January 2009)

BRUNSWICK NUCLEAR PLANT EMERGENCY NOTIFICATION MESSAGE # 5

MESSAGE DIRECTING INGESTION OF POTASSIUM IODIDE (KI) BY THE GENERAL

<u>PUBLIC</u>

Sirens and Emergency Alerting System activated by:

North Carolina _____ Brunswick County ____ New Hanover County _____

Message Concurrence at ______a.m. / p.m. Sirens sound at ______a.m. / p.m.

EAS broadcast at ______a.m. / p.m. NWS Radio ______a.m. / p.m.

<u>EXERCISE MESSAGE</u>? Yes / No (If YES – State *"THIS IS AN EXERCISE MESSAGE"* before AND after reading message)

MESSAGE SIMULATION? Yes / No

(READ TEXT BELOW THIS LINE)

An incident has occurred at Progress Energy's Brunswick Nuclear Plant, located at Southport, North Carolina, southwest of Wilmington which requires prompt public notification by the State of North Carolina, Brunswick, and New Hanover Counties. The plant is at a(n) -level of emergency classification.

There has been a release of radioactive iodine material into the atmosphere. N.C. Department of Health officials are advising people who live or work within the following 10-mile zones around the Brunswick Nuclear Plant to take the potassium iodide (KI) tablets they were issued: (Circle appropriate zones)

 A
 B
 C
 D
 E
 F
 G
 H
 K

 Individuals who live or work within the following zones around the Brunswick Nuclear Plant should closely monitor their radio & TV for any additional areas needing to take the potassium iodide (KI) tablets they were issued: (Circle appropriate zones)

A B C D E F G H K

Individuals who were not issued or have lost their KI tablets may obtain KI tablets at a county reception center.

Please refer to the emergency information in the Brunswick Power Plant safety brochure and calendar for reception center and shelter locations. Stay tuned to this station for more detailed information to follow.

####

E – 3 - 9 (Change 1, January 2009)

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E – 3 - 10 (Change 1, January 2009)

BRUNSWICK NUCLEAR PLANT EMERGENCY NOTIFICATION MESSAGE # 6

NOTIFICATION MESSAGE

FOR

ACCIDENTAL SIREN ACTIVATION

Emergency Alerting System activation requested by:	
--	--

Brunswick County		New		
<i>,</i> _	(Name)			(Name)
Date:	Time:			
EAS broadcast at		_a.m. / p.m.	NWS Radio	a.m. / p.m.

(READ TEXT BELOW THIS LINE)

Brunswick and New Hanover County Emergency Management Agencies have been notified that a portion of the fixed siren alert system within the 10-mile radius of the Brunswick Nuclear Plant accidentally activated at ______. There is no emergency at the Brunswick facility. Individuals near ______. (*Time*) are not in danger and do not need to take action. (Location of siren or sirens activated) Had this been a real emergency, additional information concerning action to be taken by the public would be provided by this station.

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E – 3 - 12 (Change 1, January 2009)

BRUNSWICK NUCLEAR PLANT EMERGENCY NOTIFICATION MESSAGE # 7

PUBLIC NOTIFICATION OF EVENT

MESSAGE

Emergency Alerting System activation requested by:

Brunswick County		New	Hanover County _	
	(Name)			(Name)
Date:	Time:			
EAS broadcast at		_a.m. / p.m.	NWS Radio	a.m. / p.m.
<u>EXERCISE MESSAGE</u> (If YES – State <i>"THIS</i> /			GE" before AND a	fter reading message)
MESSAGE SIMULATIO	<u>)) / / / / / / / / / / / / / / / / / /</u>	No		

(READ TEXT BELOW THIS LINE)

At (time) on (date) the _____ County Emergency Management Agency was informed by the Progress Energy Brunswick Power Plant near Southport in Brunswick County that an Emergency Classification Level of (EAL Level) was declared this (morning / afternoon / evening). An Emergency Classification Level is declared by plant personnel when abnormal events have occurred which the potential for impact on plant equipment or public health and safety.

County officials have been monitoring the situation since that time. Emergency response team members have been notified and are enroute to state and county emergency operations centers where they will continue to monitor the situation.

_____, Director of _____ County Emergency Management, said the situation at the station poses no threat to public health and safety and there is no need for protective actions.

###

HARRIS NUCLEAR PLANT EMERGENCY NOTIFICATION MESSAGE # 1

NOTIFICATION MESSAGE WITH NO RADIOACTIVE RELEASE

<u>AND</u>

NO PROTECTIVE ACTION RECOMMENDATIONS

Sirens and Emergency Alerting System activated by:

North Carolina _____ Wake County _____ Harnett County _____

Lee County _____ Chatham County _____

Message Concurrence at ______a.m. / p.m. Sirens sound at ______a.m. / p.m.

EAS broadcast at ______a.m. / p.m. NWS Radio ______a.m. / p.m.

<u>EXERCISE MESSAGE</u>? Yes / No (If YES – State "THIS IS AN EXERCISE MESSAGE" before AND after reading message)

MESSAGE SIMULATION? Yes / No

(READ TEXT BELOW THIS LINE)

An incident has occurred at the Progress Energy Harris Nuclear Plant, located southwest of Raleigh, North Carolina, requiring prompt public notification by the State of North Carolina, Chatham, Harnett, Lee and Wake Counties. The plant is at a(n) -level of emergency classification.

There has been no release of radioactive material by the Harris Nuclear Plant. No protective actions are needed by the public at this time.

Please refer to the emergency information located in your Harris Nuclear Plant safety brochure and calendar. Stay tuned to this station for more detailed information to follow.

HARRIS NUCLEAR PLANT EMERGENCY NOTIFICATION MESSAGE # 2

NOTIFICATION MESSAGE WITH RADIOACTIVE RELEASE

А	Ν	D

NO PROTECTIVE ACTION RECOMMENDATIONS

Sirens and Emergency Alerting System activated by:

 North Carolina ______
 Wake County ______
 Harnett County ______

 Lee County ______
 Chatham County ______

 Message Concurrence at _______
 a.m. / p.m.
 Sirens sound at _______

 EAS broadcast at _______
 a.m. / p.m.
 NWS Radio ________

 EXERCISE MESSAGE?
 Yes / No

(If YES – State "THIS IS AN EXERCISE MESSAGE" before AND after reading message)

MESSAGE SIMULATION? Yes / No

(READ TEXT BELOW THIS LINE)

An incident has occurred at the Progress Energy Harris Nuclear Plant, located southwest of Raleigh, North Carolina, requiring prompt public notification by the State of North Carolina, Chatham, Harnett, Lee and Wake Counties. The plant is at a(n) ______-level of emergency classification.

There has been release of low level radioactive material by the Harris Nuclear Plant. No protective actions are needed by the public at this time.

If possible farmers are advised to begin sheltering livestock, especially dairy cows and place them on stored feed and protected water. For more details on livestock and agricultural product protective actions, farmers should contact their county extension service.

Please refer to the emergency information located in your Harris Nuclear Plant safety brochure and calendar. Stay tuned to this station for more detailed information to follow.

HARRIS NUCLEAR PLANT EMERGENCY NOTIFICATION MESSAGE # 3

MESSAGE IMPLEMENTING PROTECTIVE ACTION RECOMMENDATIONS

<u> WITH</u>

NO RADIOACTIVE RELEASE

Sirens and Emergency Alerting System activated by:

North Carolina _____ Wake County _____ Harnett County _____

 Lee County
 Chatham County

 Message Concurrence at
 ______a.m. / p.m.

Sirens sound at

EAS broadcast at ______a.m. / p.m. NWS Radio ______a.m. / p.m.

<u>EXERCISE MESSAGE</u>? Yes / No (If YES – State "THIS IS AN EXERCISE MESSAGE" before AND after reading message)

MESSAGE SIMULATION? Yes / No

(READ TEXT BELOW THIS LINE)

An incident has occurred at the Progress Energy Harris Nuclear Plant, located southwest of Raleigh, North Carolina, which requires prompt public notification by the State of North Carolina, Chatham, Harnett, Lee and Wake Counties. The plant is at a(n) -level of emergency classification.

There has been no release of radioactive material by the Harris Nuclear Plant, however the following precautionary protective actions need to be taken by those people living in the 10-mile zones indicated at this time.

Evacuate: (Circle appropriate zones)

Α	В	С	D	Е	F	G	н	I	J	К	L	М	Ν
Shelte	r-in-Pla	Ce (Stay	in-doors	until furth	er notice	e): (Circle	appropriat	e zones))				

Α	В	С	D	Е	F	G	н	I	J	κ	L	Μ	Ν
---	---	---	---	---	---	---	---	---	---	---	---	---	---

If possible without delaying evacuation, farmers are advised to shelter livestock, especially dairy cows and place them on stored feed and protected water. For more details on livestock and agricultural product protective actions, farmers should contact their county extension service.

Please refer to the emergency information in the Harris Nuclear Plant safety brochure and calendar. Stay tuned to this station for more detailed information.

HARRIS NUCLEAR PLANTEMERGENCY NOTIFICATION MESSAGE # 4

MESSAGE IMPLEMENTING PROTECTIVE ACTION RECOMMENDATIONS

<u>WITH</u>

RADIOACTIVE RELEASE

Sirens and Emergency Alerting System activated by:

North Carolina	Wake County _	Harnett (Harnett County			
	Lee County	Chatham	n County			
Message Concurrence at	a.m. / p.m.	Sirens sound at	a.m. / p.m.			
EAS broadcast at	a.m. / p.m.	NWS Radio	a.m. / p.m.			
EXERCISE MESSAGE? Yes	/ No					

(If YES – State "THIS IS AN EXERCISE MESSAGE" before AND after reading message)

MESSAGE SIMULATION? Yes / No

(READ TEXT BELOW THIS LINE)

An incident has occurred at the Progress Energy Harris Nuclear Plant, located southwest of Raleigh, North Carolina, which requires prompt public notification by the State of North Carolina, Chatham, Harnett, Lee and Wake Counties. The plant is at a(n) -level of emergency classification.

There has been release of radioactive material into the atmosphere by the Harris Nuclear Plant at this time. The following protective actions need to be taken by those people living in the zones indicated at this time.

Evacuate: (Circle appropriate zones)

Α	В	С	D	Е	F	G	н	Т	J	Κ	L	Μ	Ν	

Shelter-in-Place (Stay in-doors until further notice): (Circle appropriate zones)

Α	В	С	D	Е	F	G	н	I	J	Κ	L	Μ	Ν	
---	---	---	---	---	---	---	---	---	---	---	---	---	---	--

If possible without delaying evacuation, farmers are advised to shelter livestock, especially dairy cows and place them on stored feed and protected water. For more details on livestock and agricultural product protective actions, farmers should contact their county extension service. Please refer to the emergency information in the Harris Nuclear Plant safety brochure and

calendar. Stay tuned to this station for more detailed information.

####

E – 4 - 7 (Change 1, January 2009)

HARRIS NUCLEAR PLANT EMERGENCY NOTIFICATION MESSAGE # 5

MESSAGE DIRECTING INGESTION OF POTASSIUM IODIDE (KI) BY THE GENERAL

<u>PUBLIC</u>

Sirens and Emergency Alerting System activated by:

 North Carolina _____
 Wake County _____
 Harnett County _____

Lee County _____ Chatham County _____

Message Concurrence at ______a.m. / p.m. Sirens sound at ______a.m. / p.m.

EAS broadcast at ______a.m. / p.m. NWS Radio ______a.m. / p.m.

<u>EXERCISE MESSAGE</u>? Yes / No (If YES – State "THIS IS AN EXERCISE MESSAGE" before AND after reading message)

MESSAGE SIMULATION? Yes / No

(READ TEXT BELOW THIS LINE)

An incident has occurred at the Progress Energy Harris Nuclear Plant, located southwest of Raleigh, North Carolina, which requires prompt public notification by the State of North Carolina, Chatham, Harnett, Lee and Wake Counties. The plant is at a(n) -level of emergency classification.

There has been a release of radioactive iodine material into the atmosphere. N.C. Department of Health officials are advising people who live or work within the following 10-mile zones around the Harris Nuclear Plant to take the potassium iodide (KI) tablets they were issued: (Circle appropriate zones)

A B C D E F G H I J K L M N

Individuals who live or work within the following zones around the Brunswick Nuclear Plant should closely monitor their radio & TV for any additional areas needing to take the potassium iodide (KI) tablets they were issued: (Circle appropriate zones)

Α	В	С	D	Е	F	G	н	I	J	Κ	L	Μ	Ν	

Individuals who were not issued or have lost their KI tablets may obtain KI tablets at a county reception center.

Please refer to the emergency information in the Harris Power Plant safety brochure and calendar for reception center and shelter locations. Stay tuned to this station for more detailed information to follow.

####

E – 4 - 9 (Change 1, January 2009)

HARRIS NUCLEAR PLANT EMERGENCY NOTIFICATION MESSAGE # 6

NOTIFICATION MESSAGE

<u>FOR</u>

ACCIDENTAL SIREN ACTIVATION

Emergency Alerting System activation requested by:

Wake County _____

Lee County

Chatham County

Harnett County _____

EAS broadcast at _____a.m. / p.m. NWS Radio ______a.m. / p.m.

(READ TEXT BELOW THIS LINE)

Wake, Chatham, Harnett and Lee County Emergency Management Agencies have been notified that a portion of the fixed siren alert system within the 10-mile radius of the Harris Nuclear Plant accidentally activated at ______. There is no emergency at the Harris facility. Individuals near _______ are not in danger and do not need to take action.

Had this been a real emergency, additional information concerning action to be taken by the public would be provided by this station.

HARRIS NUCLEAR PLANT EMERGENCY NOTIFICATION MESSAGE # 7

PUBLIC NOTIFICATION OF EVENT

MESSAGE

Emergency Alerting System activation requested by:

Wake County _____ Harnett County _____

Lee County _____ Chatham County _____

Date: _____ Time: _____

EAS broadcast at ______a.m. / p.m. NWS Radio ______a.m. / p.m.

<u>EXERCISE MESSAGE</u>? Yes / No (If YES – State "THIS IS AN EXERCISE MESSAGE" before AND after reading message)

MESSAGE SIMULATION? Yes / No

(READ TEXT BELOW THIS LINE)

At (time) on (date) the _____ County Emergency Management Agency was informed by the Progress Energy Harris Power Plant near New Hill in Wake County that an Emergency Classification Level of (EAL Level) was declared this (morning/afternoon/evening). An Emergency Classification Level is declared by plant personnel when abnormal events have occurred which the potential for impact on plant equipment or public health and safety.

_____ County officials have been monitoring the situation since that time. Emergency response team members have been notified and are enroute to state and county emergency operations centers where they will continue to monitor the situation.

_____, Director of _____ County Emergency Management, said the situation at the station poses no threat to public health and safety and there is no need for protective actions.

McGUIRE NUCLEAR STATION EMERGENCY NOTIFICATION MESSAGE # 1

NOTIFICATION MESSAGE WITH NO RADIOACTIVE RELEASE

<u>AND</u>

NO PROTECTIVE ACTION RECOMMENDATIONS

Sirens and Emergency Alerting System activated by:

North Carolina _____ Mecklenburg County _____ Gaston County _____

Catawba County_____ Iredell County _____ Lincoln County _____

Message Concurrence at ______a.m. / p.m. Sirens sound at ______a.m. / p.m.

EAS broadcast at ______a.m. / p.m. NWS Radio ______a.m. / p.m.

<u>EXERCISE MESSAGE</u>? Yes / No (If YES – State "THIS IS AN EXERCISE MESSAGE" before AND after reading message)

<u>MESSAGE SIMULATION</u>? Yes / No

(READ TEXT BELOW THIS LINE)

An incident has occurred at Duke Energy's McGuire Nuclear Station, located northwest of Charlotte, North Carolina, which requires prompt public notification by the State of North Carolina, Mecklenburg, Catawba, Gaston, Iredell, and Lincoln Counties. The plant is at a(n) -level of emergency classification.

There has been no release of radioactive material by the McGuire Nuclear Station. No protective actions are needed by the public at this time.

Please refer to the emergency information located in your McGuire Nuclear Station safety brochure and calendar. Stay tuned to this station for more detailed information to follow.

McGUIRE NUCLEAR STATION EMERGENCY NOTIFICATION MESSAGE # 2

NOTIFICATION MESSAGE WITH RADIOACTIVE RELEASE

<u>AND</u>

NO PROTECTIVE ACTION RECOMMENDATIONS

Sirens and Emergency Alerting System activated by:

North Carolina _____ Mecklenburg County _____ Gaston County _____

Catawba County_____ Iredell County _____ Lincoln County _____

Message Concurrence at ______a.m. / p.m. Sirens sound at ______a.m. / p.m.

EAS broadcast at _____a.m. / p.m. NWS Radio ______a.m. / p.m.

<u>EXERCISE MESSAGE</u>? Yes / No (If YES – State "THIS IS AN EXERCISE MESSAGE" before AND after reading message)

MESSAGE SIMULATION? Yes / No

(READ TEXT BELOW THIS LINE)

An incident has occurred at Duke Energy's McGuire Nuclear Station, located northwest of Charlotte, North Carolina, which requires prompt public notification by the State of North Carolina, Mecklenburg, Catawba, Gaston, Iredell, and Lincoln Counties. The plant is at a(n -level of emergency classification.

There has been a release of low level radioactive material into the atmosphere. No protective actions are needed by the public at this time.

If possible, farmers are advised to begin sheltering livestock, especially dairy cows and place them on stored feed and protected water. For more details on livestock and agricultural product protective actions, farmers should contact their county extension service.

Please refer to the emergency information located in your McGuire Nuclear Station safety brochure and calendar. Stay tuned to this station for more detailed information to follow.

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E – 5 - 4 (Change 1, January 2009)

McGUIRE NUCLEAR STATION EMERGENCY NOTIFICATION MESSAGE # 3

MESSAGE IMPLEMENTING PROTECTIVE ACTION RECOMMENDATIONS

WITH

NO RADIOACTIVE RELEASE

Sirens and Emergency Alerting System activated by:

North Carolina Mecklenburg County Gaston County Catawba County _____ Iredell County _____

Lincoln County

Message Concurrence at ______a.m. / p.m. Sirens sound at ______a.m. / p.m.

a.m. / p.m. NWS Radio a.m. / p.m. EAS broadcast at

EXERCISE MESSAGE? Yes / No

(If YES – State "THIS IS AN EXERCISE MESSAGE" before AND after reading message)

MESSAGE SIMULATION? Yes / No

(READ TEXT BELOW THIS LINE)

An incident has occurred at Duke Energy's McGuire Nuclear Station, located northwest of Charlotte, North Carolina, which requires prompt public notification by the State of North Carolina, Mecklenburg, Catawba, Gaston, Iredell, and Lincoln Counties. The plant is at a(n) -level of emergency classification.

There has been no release of radioactive material by the McGuire Nuclear Station; however the following precautionary protective actions need to be taken by those people living in the zones indicated at this time.

Evacuate: (Circle appropriate zones)

Α	В	С	D	Е	F	G	Н	I	J	Κ	L	Μ	Ν	0	Ρ	Q	R	S
Shel	ter-in	-Plac	e (Stay	y in-do	ors un	til furth	ner not	ice): (Circle	approp	riate z	ones)						

Α	В	С	D	Е	F	G	н	I	J	Κ	L	Μ	Ν	0	Ρ	Q	R	S

If possible without delaying evacuation, farmers are advised to shelter livestock, especially dairy cows and place them on stored feed and protected water. For more details on livestock and agricultural product protective actions, farmers should contact their county extension service.

Please refer to the emergency information in the McGuire Nuclear Station safety brochure and calendar. Stay tuned to this station for more detailed information.

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E – 5 - 6 (Change 1, January 2009)

McGUIRE NUCLEAR STATION EMERGENCY NOTIFICATION MESSAGE # 4

MESSAGE IMPLEMENTING PROTECTIVE ACTION RECOMMENDATIONS

<u>WITH</u>

RADIOACTIVE RELEASE

Sirens and Emergency Alerting System activated by:

North Carolina	Mecklenburg Co	ounty	Gaston County
Catawba County	Iredell County _		Lincoln County
Message Concurrence at	a.m. / p.m.	Sirens sound at	a.m. / p.m.
EAS broadcast at	a.m. / p.m.	NWS Radio	a.m. / p.m.
EXERCISE MESSAGE2 Vo	s / No		

(If YES – State "THIS IS AN EXERCISE MESSAGE" before AND after reading message)

MESSAGE SIMULATION? Yes / No

(READ TEXT BELOW THIS LINE)

An incident has occurred at Duke Energy's McGuire Nuclear Station, located northwest of Charlotte, North Carolina, which requires prompt public notification by the State of North Carolina, Mecklenburg, Catawba, Gaston, Iredell, and Lincoln Counties. The plant is at a(n) _______-level of emergency classification.

There has been a release of radioactive material into the atmosphere by the McGuire Nuclear Station. Protective actions need to be taken by those people living in the 10-mile zones indicated at this time.

Evacuate: (Circle appropriate zones)

Α	В	С	D	Ε	F	G	Н	I	J	Κ	L	М	Ν	0	Ρ	Q	R	S
Shel	ter-in	-Plac	e (Stay	y in-do	ors un	til furtl	ner not	ice):(Circle	approp	oriate z	ones)						

A B C D E F G H I J K L M N O P Q R S	Α	В	С	D	Е	F	G	н	I	J	Κ	L	Μ	Ν	0	Ρ	Q	R	S
---------------------------------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

If possible without delaying evacuation, farmers are advised to shelter livestock, especially dairy cows and place them on stored feed and protected water. For more details on livestock and agricultural product protective actions, farmers should contact their county extension service.

Please refer to the emergency information in the McGuire Nuclear Station safety brochure and calendar. Stay tuned to this station for more detailed information.

####

E – 5 - 7 (Change 1, January 2009)

McGUIRE NUCLEAR STATION EMERGENCY NOTIFICATION MESSAGE # 5

MESSAGE DIRECTING INGESTION OF POTASSIUM IODIDE (KI) BY THE GENERAL

PUBLIC

Sirens and Emergency Alerting System activated by:

North Carolina	Mecklenburg Co	ounty	Gaston County
Catawba County	Iredell County _		Lincoln County
Message Concurrence at _	a.m. / p.m.	Sirens sound at	a.m. / p.m.

EAS broadcast at _____a.m. / p.m. NWS Radio _____a.m. / p.m.

<u>EXERCISE MESSAGE</u>? Yes / No (If YES – State "THIS IS AN EXERCISE MESSAGE" before AND after reading message)

MESSAGE SIMULATION? Yes / No

(READ TEXT BELOW THIS LINE)

An incident has occurred at Duke Energy's McGuire Nuclear Station, located northwest of Charlotte, North Carolina, which requires prompt public notification by the State of North Carolina, Mecklenburg, Catawba, Gaston, Iredell, and Lincoln Counties. The plant is at a(n) -level of emergency classification.

There has been a release of radioactive iodine material into the atmosphere. N.C. Department of Health officials are advising people who live or work within the following 10-mile zones around the McGuire Nuclear Station to take the potassium iodide (KI) tablets they were issued: (Circle appropriate zones)

A B C D E F G H I J K L M N O P Q R S	Α	В	С	D	Е	F	G	Н	I	J	Κ	L	Μ	Ν	0	Ρ	Q	R	S	
---------------------------------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	--

Individuals who live or work within the following zones around the McGuire Nuclear Station should closely monitor their radio & TV for any additional areas needing to take the potassium iodide (KI) tablets they were issued: (Circle appropriate zones)

Α	В	С	D	Е	F	G	Н	I	J	Κ	L	Μ	Ν	0	Ρ	Q	R	S
LP					•		1	1 4			4 - 1- 1 - 4				1 4 - 1-	1 - 4 -	- 4 -	4

Individuals who were not issued or have lost their KI tablets may obtain KI tablets at a county reception center.

Please refer to the emergency information in the McGuire Nuclear Station safety brochure and calendar for reception center and shelter locations. Stay tuned to this station for more detailed information to follow.

####

E – 5 - 9 (Change 1, January 2009)

MCGUIRE NUCLEAR STATION EMERGENCY NOTIFICATION MESSAGE # 6

NOTIFICATION MESSAGE

<u>FOR</u>

ACCIDENTAL SIREN ACTIVATION

Emergency Alerting System activation requested by:

Mecklenburg County _____ Gaston County _____

Catawba County ____ Iredell County ____ Lincoln County ____

EAS broadcast at _____a.m. / p.m. NWS Radio _____a.m. / p.m.

(READ TEXT BELOW THIS LINE)

Mecklenburg, Catawba, Gaston, Iredell and Lincoln County Emergency Management Agencies have been notified that a portion of the fixed siren alert system within the 10-mile radius of the McGuire Nuclear Station accidentally activated at ______. There is no emergency at the McGuire facility. Individuals near _______ are not in danger and do not need to

take action.

Had this been a real emergency, additional information concerning action to be taken by the public would be provided by this station.

MCGUIRE NUCLEAR STATION EMERGENCY NOTIFICATION MESSAGE #7

PUBLIC NOTIFICATION OF EVENT

MESSAGE

Emergency Alerting System activation requested by:

Mecklenburg County	Gaston County

Catawba County ____ Iredell County ____ Lincoln County ____

Date: _____ Time: _____

_____a.m. / p.m. NWS Radio ______a.m. / p.m. EAS broadcast at

EXERCISE MESSAGE? Yes / No (If YES – State "THIS IS AN EXERCISE MESSAGE" before AND after reading message)

MESSAGE SIMULATION? Yes / No

(READ TEXT BELOW THIS LINE)

At (time) on (date) the County Emergency Management Agency was informed by the Duke Energy's McGuire Nuclear Station, near Huntersville in Mecklenburg County that an Emergency Classification Level of (EAL Level) was declared this (morning/afternoon/evening). An Emergency Classification Level is declared by plant personnel when abnormal events have occurred which the potential for impact on plant equipment or public health and safety.

County officials have been monitoring the situation since that time. Emergency response team members have been notified and are enroute to state and county emergency operations centers where they will continue to monitor the situation.

, Director of County Emergency Management, said the situation at the station poses no threat to public health and safety and there is no need for protective actions.

###

NOTIFICATION MESSAGE WITH NO RADIOACTIVE RELEASE

<u>AND</u>

NO PROTECTIVE ACTION RECOMMENDATIONS

Sirens and Emergency Alerting System activated by:

North Carolina _____ Mecklenburg County _____ Gaston County _____

South Carolina _____ York County _____

Message Concurrence at ______a.m. / p.m. Sirens sound at ______a.m. / p.m.

EAS broadcast at ______a.m. / p.m. NWS Radio ______a.m. / p.m.

<u>EXERCISE MESSAGE</u>? Yes / No (If YES – State *"THIS IS AN EXERCISE MESSAGE"* before AND after reading message)

MESSAGE SIMULATION? Yes / No

(READ TEXT BELOW THIS LINE)

An incident has occurred at Duke Energy's Catawba Nuclear Station, located southwest of Charlotte, North Carolina, and northeast of Rock Hill, South Carolina, which requires prompt public notification by the State of North Carolina and Mecklenburg and Gaston counties and the State of South Carolina and York County. The plant is at a(n) _____-level of emergency classification.

There has not been a release of low level radioactive material into the atmosphere. No protective actions are needed by the public at this time.

Please refer to the emergency information located in your Catawba Nuclear Station safety brochure and calendar. Stay tuned to this station for more detailed information to follow.

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E – 6 - 2 (Change 1, January 2009)

NOTIFICATION MESSAGE WITH RADIOACTIVE RELEASE

<u>AND</u>

NO PROTECTIVE ACTION RECOMMENDATIONS

Sirens and Emergency Ale	rting System activate	ed by:	
North Carolina	Mecklenburg Count	ty Gas	ton County
South Carolina	York County		
Message Concurrence at	a.m. / p.m.	Sirens sound at	a.m. / p.m.
EAS broadcast at	a.m. / p.m.	NWS Radio	a.m. / p.m.
<u>EXERCISE MESSAGE</u> ? Ye (If YES – State <i>"THIS IS AN</i>		GE" before AND aft	er reading message)

MESSAGE SIMULATION? Yes / No

(READ TEXT BELOW THIS LINE)

An incident has occurred at Duke Energy's Catawba Nuclear Station, located southwest of Charlotte, North Carolina, and northeast of Rock Hill, South Carolina, which requires prompt public notification by the State of North Carolina and Mecklenburg and Gaston counties and the State of South Carolina and York County. The plant is at a(n) _____-level of emergency classification.

There has been a release of low level radioactive material into the atmosphere. No protective actions are needed by the public at this time.

If possible farmers are advised to begin sheltering livestock, especially dairy cows and place them on stored feed and protected water. For more details on livestock and agricultural product protective actions, farmers should contact their county extension service.

Please refer to the emergency information located in your Catawba Nuclear Station safety brochure and calendar. Stay tuned to this station for more detailed information to follow.

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E – 6 - 4 (Change 1, January 2009)

SHELTER-IN-PLACE

 Sirens and Emergency Alerting System activated by:

 North Carolina ______ Mecklenburg County _____ Gaston County _____

 South Carolina ______ York County ______

 Message Concurrence at _______a.m. / p.m. Sirens sound at _______a.m. / p.m.

 EAS broadcast at _______a.m. / p.m. NWS Radio _______a.m. / p.m.

 <u>EXERCISE MESSAGE</u>? Yes / No

 (If YES – State "THIS IS AN EXERCISE MESSAGE" before AND after reading message)

MESSAGE SIMULATION? Yes / No

(READ TEXT BELOW THIS LINE)

An incident has occurred at Duke Energy's Catawba Nuclear Station, southwest of Charlotte, North Carolina, and northeast of Rock Hill, South Carolina, which requires prompt public notification by the State of North Carolina and Mecklenburg & Gaston Counties and the State of South Carolina & York County. The plant is at a(n) ______-level of emergency classification. There has / has not been a release of radioactive material into the atmosphere. This situation requires those people living or working in the following Protective Action Zones to Shelter-in-Place (Stay in-doors until further notice): (Circle appropriate zones)

A-0 A-1 A-2 B-1 B-2 C-1 C-2 D-1 D-2 E-1 E-2 F-1 F-2 F-3 Go indoors immediately and close all windows and doors. Use air-conditioning only if absolutely necessary. Tell others in your area to go indoors.

If possible, farmers are also advised to shelter livestock, especially dairy cows and place them on stored feed and protected water. For more details on livestock and agricultural product protective actions, farmers should contact their county extension service.

Please refer to the emergency information in the Catawba Nuclear Station safety brochure and calendar. Stay tuned to this station for more detailed information to follow.

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E – 6 - 6 (Change 1, January 2009)

EVACUATION

Sirens and Emergency Alerting System activated by:

North Carolina ______ Mecklenburg County _____ Gaston County _____

South Carolina _____ York County _____

Message Concurrence at ______a.m. / p.m. Sirens sound at ______a.m. / p.m.

EAS broadcast at _____a.m. / p.m. NWS Radio ______a.m. / p.m.

<u>EXERCISE MESSAGE</u>? Yes / No

(If YES – State "THIS IS AN EXERCISE MESSAGE" before AND after reading message)

MESSAGE SIMULATION? Yes / No

(READ TEXT BELOW THIS LINE)

An incident has occurred at Duke Energy's Catawba Nuclear Station, southwest of Charlotte, North Carolina, and northeast of Rock Hill, South Carolina, which requires prompt public notification by the State of North Carolina and Mecklenburg & Gaston Counties and the State of South Carolina & York County. The plant is at a(n) ______-level of emergency classification. There has / has not been a release of radioactive material into the atmosphere. This situation requires those people living or working in the following Protective Action Zones to Evacuate: (Circle appropriate zones)

A-0 A-1 A-2 B-1 B-2 C-1 C-2 D-1 D-2 E-1 E-2 F-1 F-2 F-3 Persons within these zones should proceed to shelters/reception centers. Persons without transportation or who have special needs should refer to the emergency planning calendar or brochure provided by Duke Power Company for additional instructions and assistance telephone numbers.

Please refer to the emergency information in the Catawba Nuclear Station safety brochure and calendar for reception center and shelter locations. Stay tuned to this station for more detailed information to follow.

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E – 6 - 8 (Change 1, January 2009)

EVACUATION and SHELTER-in-PLACE

Sirens and Emergency Alerting System activated by:

North Carolina	Mecklenburg Coun	ty Gas	ton County
South Carolina	York County		
Message Concurrence at	a.m. / p.m.	Sirens sound at	a.m. / p.m.
EAS broadcast at	a.m. / p.m.	NWS Radio	a.m. / p.m.

<u>EXERCISE MESSAGE</u>? Yes / No (If YES – State "THIS IS AN EXERCISE MESSAGE" before AND after reading message)

MESSAGE SIMULATION? Yes / No

(READ TEXT BELOW THIS LINE)

An incident has occurred at Duke Energy's Catawba Nuclear Station, southwest of Charlotte, North Carolina, and northeast of Rock Hill, South Carolina, which requires prompt public notification by the State of North Carolina and Mecklenburg & Gaston Counties and the State of South Carolina & York County. The plant is at a(n) ______-level of emergency classification. There has / has not been a release of radioactive material into the atmosphere. This situation requires people living or working in the following Protective Action Zones to take the designated protective actions at this time.

Evacuate Zones: (Circle appropriate zones)

A-0 A-1 A-2 B-1 B-2 C-1 C-2 D-1 D-2 E-1 E-2 F-1 F-2 F-3

Persons in these zones should proceed to shelters/reception centers. Persons without transportation or who have special needs should refer to the emergency planning calendar or brochure provided by Duke Power Company for additional instructions and assistance telephone numbers.

Shelter-in-Place Zones (Stay in-doors until further notice): (Circle appropriate zones)

A-0 A-1 A-2 B-1 B-2 C-1 C-2 D-1 D-2 E-1 E-2 F-1 F-2 F-3

Persons in these zones should go indoors immediately and close all windows and doors. Use air-conditioning only if absolutely necessary. Tell others in your area to go indoors.

Please refer to the emergency information in the Catawba Nuclear Station safety brochure and calendar for reception center and shelter locations. Stay tuned to this station for more detailed information to follow.

SCHOOL EVACUATION NOTIFICATION

Sirens and Emergency Alerting System activated by:

North Carolina _____ Mecklenburg County _____ Gaston County _____

South Carolina _____ York County _____

Message Concurrence at ______a.m. / p.m. Sirens sound at ______a.m. / p.m.

EAS broadcast at ______a.m. / p.m. NWS Radio ______a.m. / p.m.

<u>EXERCISE MESSAGE</u>? Yes / No (If YES – State "THIS IS AN EXERCISE MESSAGE" before AND after reading message)

MESSAGE SIMULATION? Yes / No

(READ TEXT BELOW THIS LINE)

An incident has occurred at Duke Energy's Catawba Nuclear Station, located southwest of Charlotte, North Carolina, and northeast of Rock Hill, South Carolina, which requires prompt public notification by the State of North Carolina and Mecklenburg and Gaston counties and the State of South Carolina and York County. The plant is at a(n) -level of emergency classification.

While there has not been a release of low level radioactive material into the atmosphere, Emergency Management officials have directed a precautionary evacuation of schools in the following Protective Action Zones): (Circle appropriate zones)

A-0 A-1 A-2 B-1 B-2 C-1 C-2 D-1 D-2 E-1 E-2 F-1 F-2 F-3 Parents are reminded that they should not go to schools but should pick up their children at the designated pick-up points listed in the Catawba Nuclear Station Safety brochure and calendar. Please refer to the Catawba Nuclear Station safety brochure and calendar for additional emergency information. Stay tuned to this station for more detailed information to follow.

AGRICULTURE NOTIFICATION

Sirens and Emergency Alerting System activated by:

North Carolina _____ Mecklenburg County _____ Gaston County _____

South Carolina _____ York County _____

Message Concurrence at ______a.m. / p.m. Sirens sound at ______a.m. / p.m.

EAS broadcast at _____a.m. / p.m. NWS Radio ______a.m. / p.m.

<u>EXERCISE MESSAGE</u>? Yes / No (If YES – State "THIS IS AN EXERCISE MESSAGE" before AND after reading message)

MESSAGE SIMULATION? Yes / No

information to follow.

(READ TEXT BELOW THIS LINE)

An incident has occurred at Duke Energy's Catawba Nuclear Station, located southwest of Charlotte, North Carolina, and northeast of Rock Hill, South Carolina, which requires prompt public notification by the State of North Carolina and Mecklenburg and Gaston counties and the State of South Carolina York County. The and plant is at a(n) -level of emergency classification. There has / has not been a release of radioactive material into the atmosphere.

North and South Carolina extension service offices recommend farmers take special measures for lactating dairy cows, for beef cattle, and other meat-producing livestock, for swine and for poultry. Farmers are also advised to shelter, if possible, all livestock, especially dairy cows, and place them on stored feed and protected water. For more details on livestock and agricultural product protective actions, farmers should contact their county cooperative extension service. Farmers should refer to emergency information listed in agriculture brochures available from any NCSU or Clemson Extension Service office. Stay tuned to this station for more detailed

MESSAGE DIRECTING INGESTION OF POTASSIUM IODIDE (KI) BY THE GENERAL

<u>PUBLIC</u>

Sirens and Emergency Alerting System activated by:

North Carolina	Mecklenburg Count	У	Gaston County	/
South Carolina	York County			
Message Concurrence at	a.m. / p.m.	Sirens sound	lat	_a.m. / p.m.
EAS broadcast at	a.m. / p.m.	NWS Radio _	a.m.	. / p.m.
EXERCISE MESSAGE? Ye (If YES – State "THIS IS AN		E" before ANI	D after reading	message)

MESSAGE SIMULATION? Yes / No

(READ TEXT BELOW THIS LINE)

An incident has occurred at Duke Energy's Catawba Nuclear Station, southwest of Charlotte, North Carolina, and northeast of Rock Hill, South Carolina, which requires prompt public notification by the State of North Carolina and Mecklenburg & Gaston Counties and the State of South Carolina & York County. The plant is at a(n) ______-level of emergency classification. There has been a release of radioactive iodine material into the atmosphere. N.C. and S.C. Department of Health officials are advising people who live or work within the following 10-mile zones around the Catawba Nuclear Station to take the potassium iodide (KI) tablets they were issued: (Circle appropriate zones)

A-0 A-1 A-2 **B-1 B-2** C-1 C-2 D-1 D-2 E-1 E-2 F-1 **F-2 F-3** Individuals who live or work within the following zones around the Catawba Nuclear Station in York County, S.C. should closely monitor their radio & TV for any additional areas needing to take the potassium iodide (KI) tablets they were issued: (Circle appropriate zones)

A-0 A-1 A-2 B-1 B-2 C-1 C-2 D-1 D-2 E-1 E-2 F-1 F-2 F-3 Individuals who were not issued or have lost their KI tablets may obtain KI tablets at a county reception center.

Please refer to the emergency information in the Catawba Nuclear Station safety brochure and calendar for reception center and shelter locations. Stay tuned to this station for more detailed information to follow.

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E – 6 - 15 (Change 1, January 2009)

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E – 6 - 16 (Change 1, January 2009)

CATAWBA NUCLEAR STATION EMERGENCY NOTIFICATION MESSAGE # 8

NOTIFICATION MESSAGE

<u>FOR</u>

ACCIDENTAL SIREN ACTIVATION

Emergency Alerting System activation requested by:			
Mecklenburg County	Gaston County		
York County			
Date:	Time:		
EAS broadcast at	a.m. / p.m. NWS Radioa.m. / p.m.		
(READ TEXT BELOW THIS LINE)			

Mecklenburg, Gaston and York County Emergency Management Agencies have been notified that a portion of the fixed siren alert system within the 10-mile radius of the Catawba Nuclear Station accidentally activated at ______. There is no emergency at the Catawba facility. Individuals near ______. (*Time*) ______. *(Location of siren or sirens activated*) are not in danger and do not need to take action. (Location of siren or sirens activated) Had this been a real emergency, additional information concerning action to be taken by the public would be provided by this station.

CATAWBA NUCLEAR STATION EMERGENCY NOTIFICATION MESSAGE # 7

PUBLIC NOTIFICATION OF EVENT

MESSAGE

Emergency Alerting System activation requested by:

Mecklenburg County		Gaston County	
• •	(Name)		(Name)
Date:	Time:		

EAS broadcast at _____a.m. / p.m. NWS Radio ______a.m. / p.m.

<u>EXERCISE MESSAGE</u>? Yes / No (If YES – State "THIS IS AN EXERCISE MESSAGE" before AND after reading message)

MESSAGE SIMULATION? Yes / No

(READ TEXT BELOW THIS LINE)

At (time) on (date) the _____ County Emergency Management Agency was informed by the Duke Energy's Catawba Nuclear Station, located southwest of Charlotte, North Carolina, and northeast of Rock Hill, South Carolina, that an Emergency Classification Level of (EAL Level) was declared this (morning/afternoon/evening). An Emergency Classification Level is declared by plant personnel when abnormal events have occurred which the potential for impact on plant equipment or public health and safety.

County officials have been monitoring the situation since that time. Emergency response team members have been notified and are enroute to state and county emergency operations centers where they will continue to monitor the situation.

_____, Director of _____ County Emergency Management, said the situation at the station poses no threat to public health and safety and there is no need for protective actions.

###