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Description:

ISSUE OF 1 PMP EMERGENCY PLAN PROCEDURE

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Transmitted Controlled Document Listing: (1)

Document	Revision	Status	Title
PMP-2080-EPP-107	15A	Approved	NOTIFICATION

Controlled Document Transmittal Receipt and File Acknowledgement:

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Please sign and return within 14 calendar days to:

D. C. Cook Nuclear Plant
Nuclear Documents Mgmt (Mail Zone #1) - Document Control
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A045

Nuclear Document Management Emergency Plan Procedure Index

Document #	Title	Revision/ Date	Comment
12-EPP-2080-EPA-008	EMERGENCY PLAN MANAGEMENT	0 03/30/2001	
PMP-2080-EPP-100	EMERGENCY RESPONSE	0 04/06/2001	NUCLEAR DOCUMENT MANAGEMENT SECTION
PMP-2080-EPP-101	EMERGENCY CLASSIFICATION	3 05/26/2000	JUN 12 2001
PMP-2080-EPP-107	NOTIFICATION	15A 06/12/2001	CONTROLLED DOCUMENT
PMP-2080-EPP-108	INITIAL DOSE ASSESSMENT	3-CS1 01/05/2001	
PMP-2080-EPP-110	TOXIC GAS RELEASE GUIDELINES	3 06/01/2000	
PMP-2080-EPP-111	NATURAL EMERGENCY GUIDELINES	1 02/06/1995	
PMP-2080-EPP-112	PERSONNEL INJURY	1 06/05/1997	
PMP-2080-EPP-113	TRANSPORTATION ACCIDENTS INVOLVING RADIOACTIVE MATERIAL	0 01/06/1987	
PMP-2080-EPP-200	INITIATING CHANGES TO THE EMERGENCY PLAN OR EMERGENCY PLAN IMPLEMENTING PROCEDURES	0 03/12/2001	
PMP-2081-EPP-101	ACTIVATION AND OPERATION OF THE TECHNICAL SUPPORT CENTER	3 06/30/1998	
PMP-2081-EPP-102	TSC EMERGENCY COMMUNICATIONS	6 04/13/1998	
PMP-2081-EPP-103	ASSEMBLY, ACCOUNTABILITY, AND EVACUATION OF PLANT PERSONNEL	3 05/11/1999	
PMP-2081-EPP-104	SECURITY ACTIONS DURING EMERGENCY CONDITIONS	1A-CS1 01/05/2001	
PMP-2081-EPP-105	INITIAL CORE DAMAGE ASSESMENT	4-CS1 06/16/2000	
PMP-2081-EPP-106	ONSITE RADIOLOGICAL ASSESSMENT	1 05/18/1994	
PMP-2081-EPP-107	ALTERNATE RELEASE LEVEL DETERMINATION	1 02/28/1994	
PMP-2081-EPP-201	ACTIVATION OF THE OPERATIONS STAGING AREA	2 06/30/1998	
PMP-2081-EPP-202	OPERATION OF THE OPERATIONS STAGING AREA	2-CS1 02/23/1995	
PMP-2081-EPP-203	ACTIVATION OF EMERGENCY RESPONSE TEAMS	5 06/30/1998	
PMP-2081-EPP-204	DAMAGE CONTROL	0 01/06/1987	
PMP-2081-EPP-205	REENTRY AND RESCUE	1-CS1 01/05/2001	
PMP-2081-EPP-207	BARRING OF THE PABX	2 08/07/1992	

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PMP-2081-EPP-208	EMERGENCY RADIATION PROTECTION	3 06/30/1998	
PMP-2081-EPP-209	ONSITE RADIOLOGICAL MONITORING	1 08/07/1992	
PMP-2081-EPP-210	UNIT VENT SAMPLING	2 05/02/2000	
PMP-2081-EPP-211	SECONDARY SYSTEMS SAMPLING	1 12/07/1998	
PMP-2081-EPP-212	CONTAINMENT ATMOSPHERE SAMPLING	1-CS1 05/26/1988	
PMP-2081-EPP-213	OFFSITE RADIOLOGICAL MONITORING	1 01/18/1999	
PMP-2081-EPP-214	ENVIRONMENTAL SAMPLING	1 07/01/1996	
PMP-2081-EPP-301	ACTIVATION AND OPERATION OF THE EMERGENCY OPERATIONS FACILITY	5 06/30/1998	
PMP-2081-EPP-302	EOF COMMUNICATIONS	7 06/30/1998	
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PMP-2081-EPP-305	PROTECTIVE ACTION RECOMMENDATIONS	5 06/30/1998	
PMP-2081-EPP-306	DE-ESCALATION OR TERMINATION OF THE EMERGENCY AND RECOVERY	2 10/27/1997	

REVIEW AND APPROVAL TRACKING FORM

Procedure Information:			
Number:	<u>PMP-2080-EPP-107</u>	Revision:	<u>15a</u> Change: <u>0</u>
Title:	<u>Notification</u>		
Category (Select One Only):			
<input checked="" type="checkbox"/> Correction (Full Procedure)	<input type="checkbox"/> Change (Full Procedure) with Review of Change Only		
<input type="checkbox"/> Correction (Page Substitution)	<input type="checkbox"/> Change (Page Substitution) with Review of Change Only		
<input type="checkbox"/> Cancellation	<input type="checkbox"/> New Procedure or Change with Full Review		
<input type="checkbox"/> Superseded (list superseding procedures): _____			
Associated Configuration Document Impact Assessments:			
CDI Tracking No(s): _____			<input checked="" type="checkbox"/> N/A
Required Reviews:			
Cross-Discipline Reviews:		Programmatic Reviews:	
<input type="checkbox"/> Chemistry	<input type="checkbox"/> Training	<input type="checkbox"/> ALARA	<input type="checkbox"/> Performance Assurance
<input type="checkbox"/> Maintenance	<input type="checkbox"/> Work Control	<input type="checkbox"/> Bus. Services Proc Grp	<input type="checkbox"/> Reactivity Mgmt Team
<input type="checkbox"/> NDM	<input type="checkbox"/> _____	<input type="checkbox"/> Component Engineering	<input type="checkbox"/> SPS (Safety & Health)
<input type="checkbox"/> Operations	<input type="checkbox"/> _____	<input type="checkbox"/> Design Engineering	<input type="checkbox"/> Surveillance Section
<input type="checkbox"/> PA/PV	<input type="checkbox"/> _____	<input type="checkbox"/> Emerg Oper Proc Grp	<input type="checkbox"/> System Engineering
<input type="checkbox"/> Reg Affairs	<input type="checkbox"/> _____	<input type="checkbox"/> Environmental	<input type="checkbox"/> _____
<input type="checkbox"/> RP	<input checked="" type="checkbox"/> None Required	<input type="checkbox"/> ISI/IST Coordinator	<input checked="" type="checkbox"/> None Required
<input type="checkbox"/> Cognizant Org Review: _____		N/A	Date: ___/___/___
<input checked="" type="checkbox"/> Technical Review: _____		<u>BKMolloy</u>	Date: <u>6/9/01</u>
Concurrence:			
<input type="checkbox"/> Ops Mgr Concurrence: _____		N/A	Date: ___/___/___
<input type="checkbox"/> Owner Concurrence: _____		N/A	Date: ___/___/___
Package Check:			
Updated Revision Summary attached?			<input checked="" type="checkbox"/> Yes
10 CFR 50.59 Requirements complete?		Tracking No.: _____	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A
Implementation Plan developed? (Ref. Step 3.4.18)			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A
Package Complete: _____		<u>Jan Decker for Heath Molloy</u>	Date: <u>6/8/01</u>
Approvals:			
PORC Review Required:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Mtg. No.: _____
Administrative Hold Status:		<input type="checkbox"/> Released <input type="checkbox"/> Reissued <input checked="" type="checkbox"/> N/A	CR No.: _____
Approval Authority Review/Approval: _____		<u>[Signature]</u>	Date: <u>6/8/01</u>
Expiration Date/Ending Activity _____		N/A	Effective Date: <u>6/10/01</u>
Periodic Review:			
Periodic Review conducted?		(Data Sheet 5 Complete)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

NDM Use Only	Office Information For Form Tracking Only – Not Part of Form
	<p>This form is derived from the information in PMP-2010-PRC-002, Procedure Correction, Change, and Review, Rev. 8, Data Sheet 1, Review and Approval Tracking Form.</p> <p align="right">Page <u>1</u> of <u>2</u></p>

REVISION SUMMARY

Number: PMP-2080-EPP-107 Revision: 15a Change: 0
Title: Notification

This correction describes which phone to use to contact the Michigan State Police from the control room. The information was inadvertently deleted when Rev. 15 was implemented.

Section or Step	Change/Reason For Change
Step 3.2.3.b	Change: Added information on which phone to use to contact the Michigan State Police. Correction - m Reason: This information was inadvertently deleted when Rev. 15 was implemented. Correct information is contained in Rev. 14 of PMP-2080-EPP-106, Step 3.4.5.1.

Office Information For Form Tracking Only – Not Part of Form

This is a free-form as called out in PMP-2010-PRC-002, Procedure Correction, Change, and Review, Rev. 8.

Page 2 of 2

	PMP-2080-EPP-107	Rev. 15a	Page 1 of 14
Notification			
Reference			Effective Date: <i>6/12/10</i>
<u>B. K. Molloy</u> Writer	<u>P. E. Holland</u> Owner	<u>Site Protective Services</u> Cognizant Organization	

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Data Sheet 1: Nuclear Plant Accident Notification 11

Data Sheet 2: Shift Manager Initial Offsite Notification List 12

Data Sheet 3: Plant Status 13

Reference	PMP-2080-EPP-107	Rev. 15a	Page 2 of 14
Notification			

1 PURPOSE AND SCOPE

- 1.1 This procedure specifies the actions for notification of offsite personnel and activation of plant emergency response personnel for emergency conditions, drills, exercises and communication system tests.

2 DEFINITIONS AND ABBREVIATIONS

Term	Meaning
Drill	An Emergency Response Organization (ERO) test that uses the Dialogic pager system to page ERO members in order to activate the Emergency Response Facilities. Automatic phone calls will NOT be made to ERO members' homes.
Emergency	An actual plant condition that requires an Emergency Plan classification.
Exercise	An Emergency Response Organization test that uses the Dialogic pager system to page AND make automatic phone calls to the homes of ERO members, as necessary, in order to activate the Emergency Response Facilities.
Turnover	A Dialogic Emergency Response Organization pager activation that signals a change in the on-duty Team.

3 DETAILS

3.1 General

- 3.1.1 The Shift Manager (SM) shall assume the duties of the Site Emergency Coordinator (SEC) and initiate this procedure.
- 3.1.2 **IF** an Emergency Classification upgrade is required, **THEN** re-perform section 3.2 of this procedure.
- Activation of ERO pagers is only required once.

Notification

NOTE: The ERO Phone Directory does not require approval by the PORC prior to implementation.

The SEC may implement this procedure in full or partially at any time should the need for additional personnel be recognized.

3.2 Actions

3.2.1 **IF** an Alert, Site Area Emergency, or a General Emergency has been declared, **THEN** call the SAS at extension 1118 or 1119 and direct Security to implement the Dialogic Emergency Response Organization pager system for an EMERGENCY.

3.2.2 Direct a Control Room Operator to perform one of the following over the Public Address (PA) system. Include a brief description of the incident. Have the announcement broadcast twice.

FOR AN UNUSUAL EVENT:

“Attention all personnel. Attention all personnel. An Unusual Event has been declared due to _____ (brief description)____. Continue with your work and be prepared for future announcements.”

FOR AN ALERT:

“Attention all personnel. Attention all personnel. An Alert has been declared due to _____ (brief description)____. Activate the Operations Staging Area, Technical Support Center, and the Emergency Operations Facility at this time. All other personnel stand by for further announcement.”

Notification**FOR A SITE AREA EMERGENCY OR GENERAL EMERGENCY:**

Sound the Nuclear Emergency Alarm from the Control Room and broadcast the following:

“Attention all personnel. Attention all personnel. A (Site Area Emergency or General Emergency) has been declared due to (brief description) . Activate the Technical Support Center, Operations Staging Area and the Emergency Operations Facility. All other personnel report for accountability.”

- a. On any touch-tone telephone, dial 1646 to access the Training Center and Buchanan Office Building PA and repeat the above announcement twice.

3.2.3 Within 15 minutes of the classification of any emergency perform the following:

- a. Complete Data Sheet 1, Nuclear Plant Accident Notification form, EMD-32, (from Emergency Kit or DAP printout). Steps 1-7 must be completed, as a minimum.
- b. Contact the Michigan State Police (MSP) at 8-1-517-336-6250 using the MSP bridge phone (extension 1088) in the back of the Control Room and the Berrien County Sheriff's Department at 8-1-616-983-3911.
 - Document phone calls on Data Sheet 2, Shift Manager Initial Offsite Notification List.
- c. Provide the information from Data Sheet 1, Nuclear Plant Accident Notification form, verbally to the MSP and the Berrien County Sheriff's Department.
- d. Request a call back from the MSP and Berrien County Sheriff's Department.
- e. Inform the MSP that Data Sheet 1, Nuclear Plant Accident Notification form will be faxed.

Notification

- 3.2.4 Fax Data Sheet 1, Nuclear Plant Accident Notification form, to the MSP: Fax number 8-1-517-336-6257.

NOTE: If AUTO is selected on the fax machine all of the locations listed in step 3.2.5 will receive the fax. If AUTO is NOT selected then each of the locations will have to be individually faxed at the numbers listed in step 3.2.5.

- 3.2.5 **IF** an Alert, Site Area Emergency or General Emergency exists, **THEN** fax Data Sheet 1, Nuclear Plant Accident Notification form to the following locations every 15 minutes until relieved by the EOF.

Michigan State Police	8-1-517-336-6257
State Emergency Operations Center	8-1-517-333-4987
Emergency Operations Facility	8-284-2942
Emergency News Center	2906 or 2907

- 3.2.6 For all classifications, including classification upgrades, the Shift Manager or designee shall: [Commitment # 7 and 9]

- a. Provide the information on Data Sheet 3, Plant Status, to the NRC, as soon as possible, after the State and County have been notified, within one hour of classification.
- Make the notification in accordance with the instructions in Attachment 1 of PMP-7030-001-001, Prompt NRC Notification.

- 3.2.7 **IF** an emergency classification is upgraded, **THEN** verbally inform the MSP, Berrien County Sheriff's Department and the NRC.

- Document phone calls to MSP and Berrien County Sheriff's Department, on Data Sheet 2, Shift Manager Initial Offsite Notification List.

- 3.2.8 Inform the Security Shift Supervisor of the time of the Emergency Classification.

- a. Direct the Security Shift Supervisor to assume the responsibility of the Security Director.
- b. Direct the Security Shift Supervisor to notify the personnel listed in Section 5 of the ERO Phone Directory of the Emergency Classification.

Notification**3.3 Drills, Exercises and Communication System Tests**

3.3.1 **IF** a Drill or Exercise is being conducted, **THEN** perform the applicable portions of Attachment 1.

3.3.2 **IF** a Communication System Test is being conducted, **THEN** perform the applicable portions of Attachment 2.

4 FINAL CONDITIONS

4.1 Emergency is closed-out.

4.2 Drill is completed.

4.3 Communication System Test is completed.

5 REFERENCES**5.1 Use References:**

5.1.1 Emergency Response Organization ERO Phone Directory.

5.1.2 PMP-7030-001-001, Prompt NRC Notification

5.2 Writing References:**5.2.1 Source References:**

a. NUREG 0654 FEMA REP-1, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants (Rev. 1).

b. Cook Nuclear Plant Emergency Plan.

c. Commitment #7 and 9.

5.2.2 General References

a. None.

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Notification			
Attachment 1	Drills and Exercises		Pages: 7 - 8

1 DRILLS AND EXERCISES

1.1 **IF** an Alert, Site Area Emergency, or a General Emergency has been declared, **THEN** the Simulator Shift Manager calls the SAS at extension 41-1118 and directs Security to implement the Dialogic Emergency Response Organization pager system for an EXERCISE or DRILL (EXERCISES and DRILLS are activated using different Dialogic codes).

1.2 The Simulator Shift Manager requests that the Shift Manager have a control room staff member page the plant using the Plant PA system, and make the following applicable announcement:

- For an UNUSUAL EVENT:

“This is a drill, this is a drill. Attention all personnel, Attention all personnel. An Unusual Event has been declared due to (brief description) . Continue with your work and be prepared for future announcements. This is a drill”

- For an ALERT:

“This is a drill, this is a drill. Attention all personnel. Attention all personnel. An Alert has been declared due to (Brief description) . Activate the Operations Staging Area, Technical Support Center, and the Emergency Operations Facility at this time. All other personnel stand by for further announcement. This is a drill.”

- For a SITE AREA EMERGENCY or GENERAL EMERGENCY:

“This is a drill, this is a drill. Attention all personnel. Attention all personnel. A Site Area Emergency or General Emergency has been declared due to (Brief description) . ERO personnel activate the Technical Support Center, Operations Staging Area, and the Emergency Operations Facility. All other personnel continue your normal duties. This is a drill.”

1.3 The Simulator Shift Manager directs the Simulator control room staff to sound the Nuclear Emergency Alarm in the SIMULATOR for a Site Area Emergency or General Emergency.

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Notification			
Attachment 1	Drills and Exercises		Pages: 7 - 8

1.4 The Simulator Shift Manager directs the Simulator unaffected control room staff to page the Training Building and Buchanan Office Building by dialing 41-1646## on the plant phone system, and make the following applicable announcement:

- For an UNUSUAL EVENT:

“This is a drill. This is a drill. Attention all personnel, Attention all personnel. An Unusual Event has been declared due to (brief description). Continue with your work and be prepared for future announcements. This is a drill”

- For an ALERT:

“This is a drill. This is a drill. Attention all personnel. Attention all personnel. An Alert has been declared due to (Brief description). Activate the Operations Staging Area, Technical Support Center, and the Emergency Operations Facility at this time. All other personnel stand by for further announcement. This is a drill.”

- For a SITE AREA EMERGENCY or GENERAL EMERGENCY:

“This is a drill. This is a drill. Attention all personnel. Attention all personnel. A Site Area Emergency or General Emergency has been declared due to (Brief description). Activate the Technical Support Center, Operations Staging Area, and the Emergency Operations Facility. This is a drill.”

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Attachment 2	Communication System Tests		Pages: 9 - 10

1 COMMUNICATION SYSTEM TESTS

1.1 Nuclear Emergency Alarm Test and ERO Turnover/Notification Process Test

1.1.1 Operating shift shall perform the following tests every Tuesday at approximately 1000:

- Call the SAS at extension 1118 to direct Security to activate the Dialogic Emergency Response Organization pagers for a Turnover.

1.1.2 Test Nuclear Emergency Alarm

- Announce:

"This is a test. This is a test. The following is a test of the Nuclear Emergency Alarm and ERO turnover notification."

- Sound the Nuclear Emergency Alarm (NEA) for 8 to 10 seconds and then reset by pushing "OVERRIDE" button.
- Announce:

"The test of the Nuclear Emergency Alarm is complete. Oncoming duty ERO personnel should call Dialogic at this time."

- Acceptance Criteria:

NEA alarm is heard in the Control Room.

Print Name/Signature

Date

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1.1.3 Perform test of the Training Building and Buchanan Office Building Public Address System.

- Dial 1646 and announce the following:
- **“This is a test. This is a test of the Training Building and Buchanan Office Building Public Address System and ERO turnover notification. Oncoming duty ERO personnel should call Dialogic at this time. Test is complete.”**
- Acceptance Criteria:

Emergency Planning personnel report that PA system test is heard in the Training Building and Buchanan Office Building.

Print Name/Signature

Date

1.1.4 Perform the test of the Beach Evacuation Warning Test:

- Select “TEST”.
- Turn-up volume to monitor announcement.
- Push “ONE” button.
- Push “ON” button.
- **WHEN** announcement is complete, **THEN** push “OFF” button.
- Turn down volume.
- Acceptance Criteria:

Announcement is heard in the Control Room.

Print Name/Signature

Date

FORWARD COMPLETED FORM TO EMERGENCY PLANNING SECTION.

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Notification			
Data Sheet 1	Nuclear Plant Accident Notification		Page: 11

RECORDER

Name	Title	Time Recorded	Date Recorded
R E Q U I R E D I N F O R M A T I O N	1. PLANT COMMUNICATOR Name _____ <input type="checkbox"/> CR <input type="checkbox"/> TSC <input type="checkbox"/> EOF Telephone No. _____		
	2. PLANT NAME/UNIT _____ 2A. PLANT MESSAGE NUMBER _____		
	3. CLASS OF EMERGENCY A. <input type="checkbox"/> Unusual Event B. <input type="checkbox"/> Alert C. <input type="checkbox"/> Site Area Emergency D. <input type="checkbox"/> General Emergency		
	E. This classification declared by Plant at: Time _____ Date _____		
	F. Initiating Conditions/Description of Event: _____ _____		
	4. PLANT STATUS A. <input type="checkbox"/> Stable B. <input type="checkbox"/> Degrading C. <input type="checkbox"/> Improving		
	D. Additional Information: _____ _____		
	5. RADIOLOGICAL RELEASE IN PROGRESS: <input type="checkbox"/> YES <input type="checkbox"/> NO		
	6. METEOROLOGICAL DATA A. Wind Direction, Degrees From: _____ To: _____ B. Wind Speed, MPH: _____ C. Stability Class _____		
	D. Three Downwind Sectors: _____ E. Precipitation: <input type="checkbox"/> YES <input type="checkbox"/> NO		
A S A V A I L A B L E	7. PROTECTIVE ACTION RECOMMENDATIONS A. <input type="checkbox"/> YES <input type="checkbox"/> NO Note: If YES, fill in following information.		
	B. PAR based on: <input type="checkbox"/> Dose Calculations <input type="checkbox"/> Plant Status <input type="checkbox"/> Other _____		
	C. In-place Shelter (Areas) _____ Evacuation (Areas) _____		
	8. RADIOLOGICAL RELEASE DATA A. Time release started _____ Projected duration of release _____		
	B. <input type="checkbox"/> Airborne <input type="checkbox"/> Waterborne <input type="checkbox"/> Waterborne Analysis Attached		
	C. Effluent Points _____		
	D. Noble gas release rate, Ci/sec _____ Sample _____ Monitor _____ Estimate _____		
	E. Average energy per disintegration, MeV _____ Sample _____ Monitor _____ Estimate _____		
	F. Equivalent I-131 release rate, Ci/sec _____ Sample _____ Monitor _____ Estimate _____		
	G. Particulate release rate Ci-sec _____ Sample _____ Monitor _____ Estimate _____		
9. CALCULATED OFFSITE DOSES A. <input type="checkbox"/> Actual <input type="checkbox"/> Potential			
B. Based on <input type="checkbox"/> Monitor (In Plant) <input type="checkbox"/> Sample (In Plant) <input type="checkbox"/> Back Calculation from field data <input type="checkbox"/> Other Plant Conditions			
C. Calculated Dose Rate (mrem/hr) Time of Calculation _____			
Distance _____ TEDE (mrem/hr) _____ Adult Thyroid CDE (mrem/hr) _____			
Site Boundary _____			
2 Miles _____			
5 Miles _____			
10 Miles _____			
D. Calculated Accumulated Dose (mrem) Calculated Duration, Hours _____			
Distance _____ TEDE (mrem/hr) _____ Adult Thyroid CDE (mrem/hr) _____			
Site Boundary _____			
2 Miles _____			
5 Miles _____			
10 Miles _____			
E. Sectors Affected _____			
10. MEASURED OFFSITE DOSE RATES			
A. Distance _____ TEDE (mrem/hr) _____ Adult Thyroid CDE (mrem/hr) _____			
Site Boundary _____			
2 Miles _____			
5 Miles _____			
10 Miles _____			
B. Additional Information _____ _____ _____			

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Notification			
Data Sheet 2	Shift Manager Initial Offsite Notification List		Page: 12

AGENCY NOTIFIED	PHONE NUMBER	CONTACT ESTABLISHED INITIALS / TIME	EVENT CLOSEOUT INITIALS / DATE
Berrien County Sheriff's Department REQUEST CALL BACK VERIFICATION	8-1-616-983-3911	_____ / _____	_____ / _____
	BCSD Person Contacted: _____ Time Call Back Received: _____		
Michigan State Police REQUEST CALL BACK VERIFICATION	8-1-517-336-6250	_____ / _____	_____ / _____
	MSP Person Contacted: _____ Time Call Back Received: _____		
NRC Operations Center - Continuous contact will be required for an ALERT, SITE AREA EMERGENCY, OR GENERAL EMERGENCY	8-1-301-816-5100	Red Phone or Commercial	
	8-1-301-951-0550	_____ / _____	_____ / _____
	8-1-301-415-0553	_____ / _____	_____ / _____
NRC Person Contacted: _____			

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Notification			
Data Sheet 3	Plant Status		Pages: 13 - 14

Time of NRC Notification: _____

Reactivity Control

- | | | | |
|---------------------------------|-----|----|---------------------|
| • All Control rods inserted? | Yes | No | _____ # of rods out |
| • Reactor Subcritical? | Yes | No | |
| • Emergency Boration initiated? | Yes | No | |
| • Adequate Shutdown Margin? | Yes | No | |

RCS inventory Control

- Inventory makeup controlled by: (Identify all pumps injecting into RCS):

CVCS – Normal Charging
 Charging Pumps via BIT (High Head SI)
 Safety injection pumps (Intermediate Head SI)
 RHR Pumps (Low Head SI)
 Other: _____

RCS Pressure Control

- | | | |
|--------------------------------|-----|----|
| • Pressurizer PORVs Closed? | Yes | No |
| • Pressurizer Safeties Closed? | Yes | No |

RCS Transport Control

Forced Circulation by RCP
 Natural Circulation
 Feed and Bleed
 Decay Heat Removal System (RHR)

RCS Heat Sink (available or in operation)

S/G – Condenser Dump Valves
 S/G – Atmospheric Dump Valves
 S/G – Safety Valves

Containment – Feed/Bleed
 Decay Heat Removal System (RHR)

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Notification			
Data Sheet 3	Plant Status		Pages: 13 - 14

S/G Inventory Control

Main Feedwater

Aux. Feedwater

Other: _____

Containment Control

- Ice Condenser Doors OPEN? Yes No
- Containment Sprays ON? Yes No
- Hydrogen Recombiners/Igniters ON? Yes No
- Containment Isolation Valves fail to
 CLOSE? Yes No
- Phase A Actuation Yes No

Nuclear Document Management Emergency Plan Procedure Index

Document #	Title	Revision/ Date	Comment
12-EPP-2080-EPA-008	EMERGENCY PLAN MANAGEMENT	0 03/30/2001	
PMP-2080-EPP-100	EMERGENCY RESPONSE	0 04/06/2001	NUCLEAR DOCUMENT MANAGEMENT SECTION
PMP-2080-EPP-101	EMERGENCY CLASSIFICATION	3 05/26/2000	JUN 12 2001
PMP-2080-EPP-107	NOTIFICATION	15A 06/12/2001	CONTROLLED DOCUMENT
PMP-2080-EPP-108	INITIAL DOSE ASSESSMENT	3-CS1 01/05/2001	
PMP-2080-EPP-110	TOXIC GAS RELEASE GUIDELINES	3 06/01/2000	
PMP-2080-EPP-111	NATURAL EMERGENCY GUIDELINES	1 02/06/1995	
PMP-2080-EPP-112	PERSONNEL INJURY	1 06/05/1997	
PMP-2080-EPP-113	TRANSPORTATION ACCIDENTS INVOLVING RADIOACTIVE MATERIAL	0 01/06/1987	
PMP-2080-EPP-200	INITIATING CHANGES TO THE EMERGENCY PLAN OR EMERGENCY PLAN IMPLEMENTING PROCEDURES	0 03/12/2001	
PMP-2081-EPP-101	ACTIVATION AND OPERATION OF THE TECHNICAL SUPPORT CENTER	3 06/30/1998	
PMP-2081-EPP-102	TSC EMERGENCY COMMUNICATIONS	6 04/13/1998	
PMP-2081-EPP-103	ASSEMBLY, ACCOUNTABILITY, AND EVACUATION OF PLANT PERSONNEL	3 05/11/1999	
PMP-2081-EPP-104	SECURITY ACTIONS DURING EMERGENCY CONDITIONS	1A-CS1 01/05/2001	
PMP-2081-EPP-105	INITIAL CORE DAMAGE ASSESMENT	4-CS1 06/16/2000	
PMP-2081-EPP-106	ONSITE RADIOLOGICAL ASSESSMENT	1 05/18/1994	
PMP-2081-EPP-107	ALTERNATE RELEASE LEVEL DETERMINATION	1 02/28/1994	
PMP-2081-EPP-201	ACTIVATION OF THE OPERATIONS STAGING AREA	2 06/30/1998	
PMP-2081-EPP-202	OPERATION OF THE OPERATIONS STAGING AREA	2-CS1 02/23/1995	
PMP-2081-EPP-203	ACTIVATION OF EMERGENCY RESPONSE TEAMS	5 06/30/1998	
PMP-2081-EPP-204	DAMAGE CONTROL	0 01/06/1987	
PMP-2081-EPP-205	REENTRY AND RESCUE	1-CS1 01/05/2001	
PMP-2081-EPP-207	BARRING OF THE PABX	2 08/07/1992	

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Document #	Title	Revision/ Date	Comment
PMP-2081-EPP-208	EMERGENCY RADIATION PROTECTION	3 06/30/1998	
PMP-2081-EPP-209	ONSITE RADIOLOGICAL MONITORING	1 08/07/1992	
PMP-2081-EPP-210	UNIT VENT SAMPLING	2 05/02/2000	
PMP-2081-EPP-211	SECONDARY SYSTEMS SAMPLING	1 12/07/1998	
PMP-2081-EPP-212	CONTAINMENT ATMOSPHERE SAMPLING	1-CS1 05/26/1988	
PMP-2081-EPP-213	OFFSITE RADIOLOGICAL MONITORING	1 01/18/1999	
PMP-2081-EPP-214	ENVIRONMENTAL SAMPLING	1 07/01/1996	
PMP-2081-EPP-301	ACTIVATION AND OPERATION OF THE EMERGENCY OPERATIONS FACILITY	5 06/30/1998	
PMP-2081-EPP-302	EOF COMMUNICATIONS	7 06/30/1998	
PMP-2081-EPP-303	OFF-SITE RADIOLOGICAL ASSESSMENT	4 06/30/1998	
PMP-2081-EPP-304	OFF-SITE DOSE PROJECTION	7 06/30/1998	
PMP-2081-EPP-305	PROTECTIVE ACTION RECOMMENDATIONS	5 06/30/1998	
PMP-2081-EPP-306	DE-ESCALATION OR TERMINATION OF THE EMERGENCY AND RECOVERY	2 10/27/1997	

REVIEW AND APPROVAL TRACKING FORM

Procedure Information:			
Number:	<u>PMP-2080-EPP-107</u>	Revision:	<u>15a</u> Change: <u>0</u>
Title:	<u>Notification</u>		
Category (Select One Only):			
<input checked="" type="checkbox"/> Correction (Full Procedure)	<input type="checkbox"/> Change (Full Procedure) with Review of Change Only		
<input type="checkbox"/> Correction (Page Substitution)	<input type="checkbox"/> Change (Page Substitution) with Review of Change Only		
<input type="checkbox"/> Cancellation	<input type="checkbox"/> New Procedure or Change with Full Review		
<input type="checkbox"/> Superseded (list superseding procedures): _____			
Associated Configuration Document Impact Assessments:			
CDI Tracking No(s): _____			<input checked="" type="checkbox"/> N/A
Required Reviews:			
Cross-Discipline Reviews:		Programmatic Reviews:	
<input type="checkbox"/> Chemistry	<input type="checkbox"/> Training	<input type="checkbox"/> ALARA	<input type="checkbox"/> Performance Assurance
<input type="checkbox"/> Maintenance	<input type="checkbox"/> Work Control	<input type="checkbox"/> Bus. Services Proc Grp	<input type="checkbox"/> Reactivity Mgmt Team
<input type="checkbox"/> NDM	<input type="checkbox"/> _____	<input type="checkbox"/> Component Engineering	<input type="checkbox"/> SPS (Safety & Health)
<input type="checkbox"/> Operations	<input type="checkbox"/> _____	<input type="checkbox"/> Design Engineering	<input type="checkbox"/> Surveillance Section
<input type="checkbox"/> PA/PV	<input type="checkbox"/> _____	<input type="checkbox"/> Emerg Oper Proc Grp	<input type="checkbox"/> System Engineering
<input type="checkbox"/> Reg Affairs	<input type="checkbox"/> _____	<input type="checkbox"/> Environmental	<input type="checkbox"/> _____
<input type="checkbox"/> RP	<input checked="" type="checkbox"/> None Required	<input type="checkbox"/> ISI/IST Coordinator	<input checked="" type="checkbox"/> None Required
<input type="checkbox"/> Cognizant Org Review: _____		Date: ___/___/___	
<input checked="" type="checkbox"/> Technical Review: _____		Date: <u>6/7/01</u>	
Concurrence:			
<input type="checkbox"/> Ops Mgr Concurrence: _____		Date: ___/___/___	
<input type="checkbox"/> Owner Concurrence: _____		Date: ___/___/___	
Package Check:			
Updated Revision Summary attached?			<input checked="" type="checkbox"/> Yes
10 CFR 50.59 Requirements complete? Tracking No.: _____			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A
Implementation Plan developed? (Ref. Step 3.4.18)			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A
Package Complete: <u>Jan Beckers for Heath Molloy</u>			Date: <u>6/8/01</u>
Approvals:			
PORC Review Required: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Mtg. No.: _____	
Administrative Hold Status: <input type="checkbox"/> Released <input type="checkbox"/> Reissued <input checked="" type="checkbox"/> N/A		CR No.: _____	
Approval Authority Review/Approval: <u>[Signature]</u>		Date: <u>6/8/01</u>	
Expiration Date/Ending Activity: _____		Effective Date: <u>6/12/01</u>	
Periodic Review:			
Periodic Review conducted? (Data Sheet 5 Complete)		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

NDM Use Only	<small>NUCLEAR REGULATORY COMMISSION U.S. DEPARTMENT OF ENERGY</small>	Office Information For Form Tracking Only - Not Part of Form
<small>This form is derived from the information in PMP-2010-PRC-002, Procedure Correction, Change, and Review, Rev. 8, Data Sheet 1, Review and Approval Tracking Form.</small>		Page <u>1</u> of <u>2</u>

REVISION SUMMARY

Number: PMP-2080-EPP-107 Revision: 15a Change: 0
Title: Notification

This correction describes which phone to use to contact the Michigan State Police from the control room. The information was inadvertently deleted when Rev. 15 was implemented.

Section or Step	Change/Reason For Change
Step 3.2.3.b	Change: Added information on which phone to use to contact the Michigan State Police. Correction - m Reason: This information was inadvertently deleted when Rev. 15 was implemented. Correct information is contained in Rev. 14 of PMP-2080-EPP-106, Step 3.4.5.1.

Office Information For Form Tracking Only - Not Part of Form

This is a free-form as called out in PMP-2010-PRC-002, Procedure Correction, Change, and Review, Rev. 8.

Notification

Reference

Effective Date: *6/12/01*

B. K. Molloy
Writer

P. E. Holland
Owner

Site Protective Services
Cognizant Organization

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Data Sheet 2:	Shift Manager Initial Offsite Notification List	12
Data Sheet 3:	Plant Status	13

Reference	PMP-2080-EPP-107	Rev. 15a	Page 2 of 14
Notification			

1 PURPOSE AND SCOPE

- 1.1 This procedure specifies the actions for notification of offsite personnel and activation of plant emergency response personnel for emergency conditions, drills, exercises and communication system tests.

2 DEFINITIONS AND ABBREVIATIONS

Term	Meaning
Drill	An Emergency Response Organization (ERO) test that uses the Dialogic pager system to page ERO members in order to activate the Emergency Response Facilities. Automatic phone calls will NOT be made to ERO members' homes.
Emergency	An actual plant condition that requires an Emergency Plan classification.
Exercise	An Emergency Response Organization test that uses the Dialogic pager system to page AND make automatic phone calls to the homes of ERO members, as necessary, in order to activate the Emergency Response Facilities.
Turnover	A Dialogic Emergency Response Organization pager activation that signals a change in the on-duty Team.

3 DETAILS

3.1 General

- 3.1.1 The Shift Manager (SM) shall assume the duties of the Site Emergency Coordinator (SEC) and initiate this procedure.
- 3.1.2 **IF** an Emergency Classification upgrade is required, **THEN** re-perform section 3.2 of this procedure.
- Activation of ERO pagers is only required once.

Notification

NOTE: The ERO Phone Directory does not require approval by the PORC prior to implementation.

The SEC may implement this procedure in full or partially at any time should the need for additional personnel be recognized.

3.2 Actions

3.2.1 **IF** an Alert, Site Area Emergency, or a General Emergency has been declared, **THEN** call the SAS at extension 1118 or 1119 and direct Security to implement the Dialogic Emergency Response Organization pager system for an EMERGENCY.

3.2.2 Direct a Control Room Operator to perform one of the following over the Public Address (PA) system. Include a brief description of the incident. Have the announcement broadcast twice.

FOR AN UNUSUAL EVENT:

“Attention all personnel. Attention all personnel. An Unusual Event has been declared due to _____ (brief description)____. Continue with your work and be prepared for future announcements.”

FOR AN ALERT:

“Attention all personnel. Attention all personnel. An Alert has been declared due to _____ (brief description)____. Activate the Operations Staging Area, Technical Support Center, and the Emergency Operations Facility at this time. All other personnel stand by for further announcement.”

Notification**FOR A SITE AREA EMERGENCY OR GENERAL EMERGENCY:**

Sound the Nuclear Emergency Alarm from the Control Room and broadcast the following:

“Attention all personnel. Attention all personnel. A Site Area Emergency or General Emergency has been declared due to (brief description). Activate the Technical Support Center, Operations Staging Area and the Emergency Operations Facility. All other personnel report for accountability.”

- a. On any touch-tone telephone, dial 1646 to access the Training Center and Buchanan Office Building PA and repeat the above announcement twice.

3.2.3 Within 15 minutes of the classification of any emergency perform the following:

- a. Complete Data Sheet 1, Nuclear Plant Accident Notification form, EMD-32, (from Emergency Kit or DAP printout). Steps 1-7 must be completed, as a minimum.
- b. Contact the Michigan State Police (MSP) at 8-1-517-336-6250 using the MSP bridge phone (extension 1088) in the back of the Control Room and the Berrien County Sheriff's Department at 8-1-616-983-3911.
 - Document phone calls on Data Sheet 2, Shift Manager Initial Offsite Notification List.
- c. Provide the information from Data Sheet 1, Nuclear Plant Accident Notification form, verbally to the MSP and the Berrien County Sheriff's Department.
- d. Request a call back from the MSP and Berrien County Sheriff's Department.
- e. Inform the MSP that Data Sheet 1, Nuclear Plant Accident Notification form will be faxed.

Notification

- 3.2.4 Fax Data Sheet 1, Nuclear Plant Accident Notification form, to the MSP: Fax number 8-1-517-336-6257.

NOTE: If AUTO is selected on the fax machine all of the locations listed in step 3.2.5 will receive the fax. If AUTO is NOT selected then each of the locations will have to be individually faxed at the numbers listed in step 3.2.5.

- 3.2.5 **IF** an Alert, Site Area Emergency or General Emergency exists, **THEN** fax Data Sheet 1, Nuclear Plant Accident Notification form to the following locations every 15 minutes until relieved by the EOF.

Michigan State Police	8-1-517-336-6257
State Emergency Operations Center	8-1-517-333-4987
Emergency Operations Facility	8-284-2942
Emergency News Center	2906 or 2907

- 3.2.6 For all classifications, including classification upgrades, the Shift Manager or designee shall: [Commitment # 7 and 9]
- a. Provide the information on Data Sheet 3, Plant Status, to the NRC, as soon as possible, after the State and County have been notified, within one hour of classification.
 - Make the notification in accordance with the instructions in Attachment 1 of PMP-7030-001-001, Prompt NRC Notification.
- 3.2.7 **IF** an emergency classification is upgraded, **THEN** verbally inform the MSP, Berrien County Sheriff's Department and the NRC.
- Document phone calls to MSP and Berrien County Sheriff's Department, on Data Sheet 2, Shift Manager Initial Offsite Notification List.
- 3.2.8 Inform the Security Shift Supervisor of the time of the Emergency Classification.
- a. Direct the Security Shift Supervisor to assume the responsibility of the Security Director.
 - b. Direct the Security Shift Supervisor to notify the personnel listed in Section 5 of the ERO Phone Directory of the Emergency Classification.

Notification**3.3 Drills, Exercises and Communication System Tests**

3.3.1 **IF** a Drill or Exercise is being conducted, **THEN** perform the applicable portions of Attachment 1.

3.3.2 **IF** a Communication System Test is being conducted, **THEN** perform the applicable portions of Attachment 2.

4 FINAL CONDITIONS

4.1 Emergency is closed-out.

4.2 Drill is completed.

4.3 Communication System Test is completed.

5 REFERENCES

5.1 Use References:

5.1.1 Emergency Response Organization ERO Phone Directory.

5.1.2 PMP-7030-001-001, Prompt NRC Notification

5.2 Writing References:

5.2.1 Source References:

a. NUREG 0654 FEMA REP-1, Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants (Rev. 1).

b. Cook Nuclear Plant Emergency Plan.

c. Commitment #7 and 9.

5.2.2 General References

a. None.

Reference	PMP-2080-EPP-107	Rev. 15a	Page 7 of 14
Notification			
Attachment 1	Drills and Exercises		Pages: 7 - 8

1 DRILLS AND EXERCISES

1.1 **IF** an Alert, Site Area Emergency, or a General Emergency has been declared, **THEN** the Simulator Shift Manager calls the SAS at extension 41-1118 and directs Security to implement the Dialogic Emergency Response Organization pager system for an EXERCISE or DRILL (EXERCISES and DRILLS are activated using different Dialogic codes).

1.2 The Simulator Shift Manager requests that the Shift Manager have a control room staff member page the plant using the Plant PA system, and make the following applicable announcement:

- For an UNUSUAL EVENT:

“This is a drill, this is a drill. Attention all personnel, Attention all personnel. An Unusual Event has been declared due to (brief description) . Continue with your work and be prepared for future announcements. This is a drill”

- For an ALERT:

“This is a drill, this is a drill. Attention all personnel. Attention all personnel. An Alert has been declared due to (Brief description) . Activate the Operations Staging Area, Technical Support Center, and the Emergency Operations Facility at this time. All other personnel stand by for further announcement. This is a drill.”

- For a SITE AREA EMERGENCY or GENERAL EMERGENCY:

“This is a drill, this is a drill. Attention all personnel. Attention all personnel. A Site Area Emergency or General Emergency has been declared due to (Brief description) . ERO personnel activate the Technical Support Center, Operations Staging Area, and the Emergency Operations Facility. All other personnel continue your normal duties. This is a drill.”

1.3 The Simulator Shift Manager directs the Simulator control room staff to sound the Nuclear Emergency Alarm in the SIMULATOR for a Site Area Emergency or General Emergency.

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Notification			
Attachment 1	Drills and Exercises		Pages: 7 - 8

1.4 The Simulator Shift Manager directs the Simulator unaffected control room staff to page the Training Building and Buchanan Office Building by dialing 41-1646## on the plant phone system, and make the following applicable announcement:

- For an UNUSUAL EVENT:

“This is a drill. This is a drill. Attention all personnel, Attention all personnel. An Unusual Event has been declared due to (brief description). Continue with your work and be prepared for future announcements. This is a drill”

- For an ALERT:

“This is a drill. This is a drill. Attention all personnel. Attention all personnel. An Alert has been declared due to (Brief description). Activate the Operations Staging Area, Technical Support Center, and the Emergency Operations Facility at this time. All other personnel stand by for further announcement. This is a drill.”

- For a SITE AREA EMERGENCY or GENERAL EMERGENCY:

“This is a drill. This is a drill. Attention all personnel. Attention all personnel. A Site Area Emergency or General Emergency has been declared due to (Brief description). Activate the Technical Support Center, Operations Staging Area, and the Emergency Operations Facility. This is a drill.”

Reference	PMP-2080-EPP-107	Rev. 15a	Page 9 of 14
Notification			
Attachment 2	Communication System Tests		Pages: 9 - 10

1 COMMUNICATION SYSTEM TESTS

1.1 Nuclear Emergency Alarm Test and ERO Turnover/Notification Process Test

1.1.1 Operating shift shall perform the following tests every Tuesday at approximately 1000:

- Call the SAS at extension 1118 to direct Security to activate the Dialogic Emergency Response Organization pagers for a Turnover.

1.1.2 Test Nuclear Emergency Alarm

- Announce:

"This is a test. This is a test. The following is a test of the Nuclear Emergency Alarm and ERO turnover notification."

- Sound the Nuclear Emergency Alarm (NEA) for 8 to 10 seconds and then reset by pushing "OVERRIDE" button.

- Announce:

"The test of the Nuclear Emergency Alarm is complete. Oncoming duty ERO personnel should call Dialogic at this time."

- Acceptance Criteria:

NEA alarm is heard in the Control Room.

Print Name/Signature

Date

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Notification			
Attachment 2	Communication System Tests		Pages: 9 - 10

1.1.3 Perform test of the Training Building and Buchanan Office Building Public Address System.

- Dial 1646 and announce the following:
- **“This is a test. This is a test of the Training Building and Buchanan Office Building Public Address System and ERO turnover notification. Oncoming duty ERO personnel should call Dialogic at this time. Test is complete.”**
- Acceptance Criteria:

Emergency Planning personnel report that PA system test is heard in the Training Building and Buchanan Office Building.

Print Name/Signature

Date

1.1.4 Perform the test of the Beach Evacuation Warning Test:

- Select “TEST”.
- Turn-up volume to monitor announcement.
- Push “ONE” button.
- Push “ON” button.
- **WHEN** announcement is complete, **THEN** push “OFF” button.
- Turn down volume.
- Acceptance Criteria:

Announcement is heard in the Control Room.

Print Name/Signature

Date

FORWARD COMPLETED FORM TO EMERGENCY PLANNING SECTION.

Reference	PMP-2080-EPP-107	Rev. 15a	Page 11 of 14
Notification			
Data Sheet 1	Nuclear Plant Accident Notification		Page: 11

RECORDER

Name	Title	Time Recorded	Date Recorded
R E Q U I R E D I N F O R M A T I O N	1. PLANT COMMUNICATOR		
	Name _____ <input type="checkbox"/> CR <input type="checkbox"/> TSC <input type="checkbox"/> EOF Telephone No. _____		
	2. PLANT NAME/UNIT _____ 2A. PLANT MESSAGE NUMBER _____		
	3. CLASS OF EMERGENCY		
	A. <input type="checkbox"/> Unusual Event B. <input type="checkbox"/> Alert C. <input type="checkbox"/> Site Area Emergency D. <input type="checkbox"/> General Emergency		
	E. This classification declared by Plant at: Time _____ Date _____		
	F. Initiating Conditions/Description of Event: _____		

	4. PLANT STATUS		
A. <input type="checkbox"/> Stable B. <input type="checkbox"/> Degrading C. <input type="checkbox"/> Improving			
D. Additional Information: _____			

5. RADIOLOGICAL RELEASE IN PROGRESS: <input type="checkbox"/> YES <input type="checkbox"/> NO			
6. METEOROLOGICAL DATA			
A. Wind Direction, Degrees From: _____ To: _____ B. Wind Speed, MPH: _____ C. Stability Class _____			
D. Three Downwind Sectors: _____ E. Precipitation: <input type="checkbox"/> YES <input type="checkbox"/> NO			
7. PROTECTIVE ACTION RECOMMENDATIONS			
A. <input type="checkbox"/> YES <input type="checkbox"/> NO			
Note: If YES, fill in following information.			
B. PAR based on: <input type="checkbox"/> Dose Calculations <input type="checkbox"/> Plant Status <input type="checkbox"/> Other _____			
C. In-place Shelter (Areas) _____			
Evacuation (Areas) _____			
A S A V A I L A B L E	8. RADIOLOGICAL RELEASE DATA		
	A. Time release started _____ Projected duration of release _____		
	B. <input type="checkbox"/> Airborne <input type="checkbox"/> Waterborne <input type="checkbox"/> Waterborne Analysis Attached		
	C. Effluent Points _____		
	D. Noble gas release rate, Ci/sec _____ Sample _____ Monitor _____ Estimate _____		
	E. Average energy per disintegration, MeV _____ Sample _____ Monitor _____ Estimate _____		
	F. Equivalent I-131 release rate, Ci/sec _____ Sample _____ Monitor _____ Estimate _____		
	G. Particulate release rate Ci-sec _____ Sample _____ Monitor _____ Estimate _____		
	9. CALCULATED OFFSITE DOSES		
	A. <input type="checkbox"/> Actual <input type="checkbox"/> Potential		
	B. Based on <input type="checkbox"/> Monitor (In Plant) <input type="checkbox"/> Sample (In Plant) <input type="checkbox"/> Back Calculation from field data <input type="checkbox"/> Other Plant Conditions		
	C. Calculated Dose Rate (mrem/hr)		
	Time of Calculation _____		
	Distance _____ TEDE (mrem/hr) _____ Adult Thyroid CDE (mrem/hr) _____		
	Site Boundary _____		
2 Miles _____			
5 Miles _____			
10 Miles _____			
D. Calculated Accumulated Dose (mrem)			
Calculated Duration, Hours _____			
Distance _____ TEDE (mrem/hr) _____ Adult Thyroid CDE (mrem/hr) _____			
Site Boundary _____			
2 Miles _____			
5 Miles _____			
10 Miles _____			
E. Sectors Affected _____			
10. MEASURED OFFSITE DOSE RATES			
A. Distance _____ TEDE (mrem/hr) _____ Adult Thyroid CDE (mrem/hr) _____			
Site Boundary _____			
2 Miles _____			
5 Miles _____			
10 Miles _____			
B. Additional Information _____			

Reference	PMP-2080-EPP-107	Rev. 15a	Page 12 of 14
Notification			
Data Sheet 2	Shift Manager Initial Offsite Notification List		Page: 12

AGENCY NOTIFIED	PHONE NUMBER	CONTACT ESTABLISHED INITIALS / TIME	EVENT CLOSEOUT INITIALS / DATE
Berrien County Sheriff's Department REQUEST CALL BACK VERIFICATION	8-1-616-983-3911	_____/_____ _____	_____/_____ _____
	BCSD Person Contacted _____ Time Call Back Received: _____		
Michigan State Police REQUEST CALL BACK VERIFICATION	8-1-517-336-6250	_____/_____ _____	_____/_____ _____
	MSP Person Contacted: _____ Time Call Back Received: _____		
NRC Operations Center - Continuous contact will be required for an ALERT, SITE AREA EMERGENCY, OR GENERAL EMERGENCY	8-1-301-816-5100	Red Phone or Commercial	
	8-1-301-951-0550	_____/_____ _____	_____/_____ _____
	8-1-301-415-0553	NRC Person Contacted: _____	

Reference	PMP-2080-EPP-107	Rev. 15a	Page 13 of 14
Notification			
Data Sheet 3	Plant Status		Pages: 13 - 14

Time of NRC Notification: _____

Reactivity Control

- All Control rods inserted? Yes No _____ # of rods out
- Reactor Subcritical? Yes No
- Emergency Boration initiated? Yes No
- Adequate Shutdown Margin? Yes No

RCS inventory Control

- Inventory makeup controlled by: (Identify all pumps injecting into RCS):
 - CVCS – Normal Charging
 - Charging Pumps via BIT (High Head SI)
 - Safety injection pumps (Intermediate Head SI)
 - RHR Pumps (Low Head SI)
 - Other: _____

RCS Pressure Control

- Pressurizer PORVs Closed? Yes No
- Pressurizer Safeties Closed? Yes No

RCS Transport Control

- Forced Circulation by RCP
- Natural Circulation
- Feed and Bleed
- Decay Heat Removal System (RHR)

RCS Heat Sink (available or in operation)

- S/G – Condenser Dump Valves
- S/G – Atmospheric Dump Valves
- S/G – Safety Valves

-
- Containment – Feed/Bleed
 - Decay Heat Removal System (RHR)
-

