

54189N

**CONTROLLED DOCUMENT TRANSMITTAL**

54189N

Transmittal#: 54189N

Date: 09/18/2003

Creator: TRACY NELSON

Page 1

**Description:** ISSUE OF PMP-2080-EPP-107. PROCEDURE IS BEING ISSUED IN ITS ENTIRETY. PLEASE DISCARD COMPLETE PROCEDURE IN YOUR BOOK AND REPLACE WITH PROCEDURE ATTACHED.

**Distribution Group(s):** Procedures: EPP: PMP-2080-EPP-107

Section/Name	Mail Zone	Copies	Comments
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Maint: MTIS, M. Lower	10	1C	
MI Dept Environ Quality	P29	1C	
NDM: Temporary Box	1*	COPY	
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NGH: JPIC (via EDCC)	22*	1C	
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NRC: Washington	P16	2C	
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State of Michigan	P2	1C	
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Training Cart 2 - S. Stiger	11	1C	
Training Cart 4 - S. Stiger	11	1C	
Training Cart 5 - M. McKeel	11	1C	
Training Cart 6 - M. McKeel	11	1C	
Training Lib:Master Copy	11	ORIG	
Training Library	11	1C	
TSC	1*	3C	
Unit 1 Control Room	29*	2C	
Unit 2 Control Room	29*	2C	

**Transmitted Controlled Document Listing:**

Document	Revision	Title
PROCEDURE		SEE ATTACHED

Controlled Document Transmittal Receipt and File Acknowledgement

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Date

Please sign and return within 14 calendar days to: **D. C. Cook Nuclear Plant**  
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A045

**Search**

## Results of Last Search

**Total of 1 items found****PMP-2080-EPP-107****Revision: 018****AEP Status: Approved****Title: NOTIFICATION****Document Series: Procedures****Document Type: Emergency Planning - Response****Approval/Record Date: 09/08/2003****Effective Date: 09/18/2003****Properties Actions Edit****Top of Page**

# REVIEW AND APPROVAL TRACKING FORM

<b>Procedure Information:</b>			
Number:	PMP-2080-EPP-107	Rev.	18
		Change:	0
Title: <u>Notification</u>			
<b>Category (Select One Only):</b>			
<input type="checkbox"/> Correction (Full Procedure)	<input checked="" 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 Superseded (list superseding procedures): _____			
<b>Associated Configuration Impact Assessments:</b>			
Change Driver/CDI Tracking No(s): _____			<input checked="" type="checkbox"/> N/A
<b>Required Reviews:</b>			
<b>Cross-Discipline Reviews:</b>		<b>Programmatic Reviews:</b>	
<input type="checkbox"/> Chemistry	<input type="checkbox"/> Training	<input type="checkbox"/> ALARA	<input type="checkbox"/> Reactivity Mgmt Team
<input type="checkbox"/> Maintenance	<input type="checkbox"/> Work Control	<input type="checkbox"/> Component Engineering	<input type="checkbox"/> SPS (Safety & Health)
<input type="checkbox"/> NDM	<input type="checkbox"/> _____	<input type="checkbox"/> Design Engineering	<input type="checkbox"/> Surveillance Section
<input checked="" type="checkbox"/> Operations	<input type="checkbox"/> _____	<input type="checkbox"/> Emerg Oper Proc Grp	<input type="checkbox"/> System Engineering
<input type="checkbox"/> PA/PV	<input type="checkbox"/> _____	<input type="checkbox"/> Environmental	<input type="checkbox"/> SOMS Administrator
<input type="checkbox"/> Reg Affairs	<input type="checkbox"/> _____	<input type="checkbox"/> ISI/IST Coordinator	<input type="checkbox"/> _____
<input type="checkbox"/> RP	<input type="checkbox"/> None Required	<input type="checkbox"/> Performance Assurance	<input checked="" type="checkbox"/> None Required
<input checked="" type="checkbox"/> Cognizant Org Review: <u>Cindy Brappier</u>		Date: <u>8/21/03</u>	
<input checked="" type="checkbox"/> Technical Review: <u>James R. Bladen</u>		Date: <u>8/25/03</u>	
<b>Concurrence:</b>			
<input type="checkbox"/> Ops Director Concurrence: <u>N/A</u>		Date: <u>   </u> / <u>   </u> / <u>   </u>	
<b>Package Check:</b>			
Updated Revision Summary attached?		<input checked="" type="checkbox"/> Yes	
10 CFR 50.59 Requirements complete?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> N/A	
Implementation Plan developed? (Ref. Step 3.4.17)		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A	
Package Complete: <u>Danell Schneider</u>		Date: <u>9/8/03</u>	
<b>Approvals:</b>			
PORC Review Required:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Administrative Hold Status:		<input type="checkbox"/> Released <input type="checkbox"/> Reissued <input checked="" type="checkbox"/> N/A	
Approval Authority Review/Approval: <u>Eric A. Lane</u>		Mtg. No.: <u>4033</u> CR No.: <u>N/A</u>	
Expiration Date/Ending Activity <u>N/A</u>		Date: <u>9/8/03</u>	
		Effective Date: <u>9/18/03</u>	
<b>Periodic Review:</b>			
Periodic Review conducted?		(Data Sheet 5 Complete) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>Follow-up Actions:</b>			
Commitment Database update requested in accordance with PMP-7100-CMP-001?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A	
NDM notified of new records or changes to records that could affect record retention?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A	

NDM Use Only	NUCLEAR DOCUMENT MANAGEMENT SECTION	Office Information For Form Tracking Only - Not Part of Form	
	SEP 18 2003	This form is derived from the information in PMP-2010-PRC-002, Procedure Correction, Change, and Review, Rev. 10a, Data Sheet 1, Review and Approval Tracking Form.	
	CONTROLLED DOCUMENT		
		Page <u>1</u> of <u>3</u>	

## REVISION SUMMARY

Number: PMP-2080-EPP-107

Revision: 18 Change: 0

Title: NOTIFICATIONS

Section or Step	Change/Reason For Change
3.2.3	<p>Change: Add Note IF accountability and /or evacuation is (are) required at classifications other than a Site Area Emergency or General Emergency, THEN PA announcements may be made using the guidance in step 3.2.3.</p> <p>Reason: CR 03099018 action 2 to address personnel accountability and evacuation from site when Site Area Emergency or General Emergency do not exist.</p>
3.2.3	<p>Change: Add "Note Directions to activate the ERO facilities are only given ONE time for the event in progress" and remove bullet with same statement from 3.2.3.</p> <p>Reason: CR 03099018 action 2 to address personnel accountability and evacuation from site when Site Area Emergency or General Emergency do not exist.</p>
3.2.3 and 3.2.3.c	<p>Change: Add "Note Accountability is performed only ONE time for the event in progress", and remove bullet with same statement from 3.2.3.</p> <p>Reason: CR 03099018 action 2 to address personnel accountability and evacuation from site when Site Area Emergency or General Emergency do not exist.</p>
3.2.3	<p>Change: Add "Note Announcements may be modified as necessary to fit existing plant and ERO status."</p> <p>Reason: CR 03099018 action 2 to address personnel accountability and evacuation from site when Site Area Emergency or General Emergency do not exist.</p>
3.2.3	<p>Change: Add bulleted item IF ERO Facility activation is desirable at other than Alert, Site Area Emergency, or General Emergency Classification, THEN announce the following</p> <p style="padding-left: 40px;"><b>"Attention all personnel. Activate the <u>      Name of Facility(ies) to be activated      </u>. All other personnel continue with your work and be prepared for future announcements."</b></p> <p>Reason: CR 03099018 action 2 to address personnel accountability and evacuation from site when Site Area Emergency or General Emergency do not exist.</p>

**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. 10a.

Page 2 of 3

## REVISION SUMMARY

Number: PMP-2080-EPP-107

Revision: 18

Change: 0


Title: NOTIFICATIONS

Section or Step	Change/Reason For Change
3.2.3	<p>Change: Add bulleted item IF evacuation of areas of the plant, or evacuation of the plant site is desirable at other than Alert, Site Area Emergency, or General Emergency Classification, THEN announce the following</p> <p style="padding-left: 40px;"><b>“Attention all personnel. Evacuate the <u>Area(s) of the plant to be evacuated</u>. All other personnel continue with your work and be prepared for future announcements.”.</b></p> <p>Reason: CR 03099018 action 2 to address personnel accountability and evacuation from site when Site Area Emergency or General Emergency do not exist.</p>
3.2.3	<p>Change: Add bulleted item IF Personnel Accountability is desirable at other than Site Area Emergency, or General Emergency Classification, THEN notify the Security Shift Supervisor to perform accountability.</p> <p>Reason: CR 03099018 action 2 to address personnel accountability and evacuation from site when Site Area Emergency or General Emergency do not exist.</p>
3.2.3	<p>Change: Delete sentence “Modify the announcements in steps 3.2.3.a, 3.2.3.b, and 3.2.3.c as necessary to ensure that:”</p> <p>Reason: CR 03099018 action 2 to address personnel accountability and evacuation from site when Site Area Emergency or General Emergency do not exist.</p>
3.2..10 Bullet	<p>Change: Delete word “Offsite”.</p> <p>Reason: “Offsite” is not included in the title for Data Sheet 1.</p>
Attachment 2	<p>Change: Pages block numbering from 10 – 11 to 11-12 on both pages of Attachment 2.</p> <p>Reason: Correct pagination.</p>

### Office Information For Form Tracking Only – Not Part of Form

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Page 3 of 3

	PMP-2080-EPP-107	Rev. 18	Page 1 of 15
<b>Notification</b>			
Reference			Effective Date: 9/18/03
D. A. Schroeder Writer	S. M. Partin Owner	Site Protective Services Cognizant Organization	

## TABLE OF CONTENTS

<b>1</b>	<b>PURPOSE AND SCOPE.....</b>	<b>2</b>
<b>2</b>	<b>DEFINITIONS AND ABBREVIATIONS.....</b>	<b>2</b>
<b>3</b>	<b>DETAILS.....</b>	<b>3</b>
<b>4</b>	<b>FINAL CONDITIONS.....</b>	<b>8</b>
<b>5</b>	<b>REFERENCES .....</b>	<b>8</b>
<b>Attachment 1:</b>	<b>Drills and Exercises .....</b>	<b>10</b>
<b>Attachment 2:</b>	<b>Communication System Tests.....</b>	<b>11</b>
<b>Data Sheet 1:</b>	<b>Shift Manager Initial Notification List.....</b>	<b>13</b>
<b>Data Sheet 2:</b>	<b>Plant Status.....</b>	<b>14</b>

Reference	PMP-2080-EPP-107	Rev. 18	Page 2 of 15
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.
- 1.2 The steps in this procedure are listed in the preferred order of performance for maximum efficiency. However, the steps may be performed in a different sequence.

## 2 DEFINITIONS AND ABBREVIATIONS

Term	Meaning
Drill/Exercise	An Emergency Response Organization (ERO) test that uses the Dialogic pager system to page ERO members in order to activate the Emergency Response Facilities.
EMD-32	Nuclear Plant Accident Notification form
Emergency	An actual plant condition that requires an Emergency Plan classification.
ENC	Emergency News Center
EOF	Emergency Operations Facility
ERO	Emergency Response Organization
JPIC	Joint Public Information Center
MSP	Michigan State Police
OSC	Operations Support Center
PA	Public Address
PAR	Protective Action Recommendation
SAS	Secondary Alarm Station
SEC	Site Emergency Coordinator
SM	Shift Manager
TSC	Technical Support Center

Reference	PMP-2080-EPP-107	Rev. 18	Page 3 of 15
Notification			

Turnover	A Dialogic Emergency Response Organization pager activation that signals a change in the on-duty team.
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### 3 DETAILS

#### 3.1 General

3.1.1 The SM shall assume the duties of the 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.

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

#### 3.2 Actions

**CAUTION:** Do not use the 911 or 007 code for drills, exercises or training.

**NOTE:** SEC judgement will be used to determine which of the following codes will be used. The 007 code will be used if it is determined to be unsafe to report to the plant site.

3.2.1 IF an Alert, Site Area Emergency, or a General Emergency has been declared or an Unusual Event has been declared and ERO facility staffing is desired, THEN determine where the ERO should respond.

- Code '911' will direct ERO responders to their respective facilities in the TSC, OSC, EOF, ENC/JPIC.
- Code '007' will direct all ERO responders reporting from offsite to the Buchanan Office Building. The EOF will activate and the back-up TSC will be manned. Personnel will remain in Buchanan pending further instructions by the SEC.



Reference	PMP-2080-EPP-107	Rev. 18	Page 4 of 15
Notification			

3.2.2 IF a pager code was identified in step 3.2.1, THEN call the SAS at extension 1118 or 1119 and direct Security to implement the Dialogic Emergency Response Organization pager system for the selected response code.

- a. IF conditions at the plant are such that personnel reporting to the plant would be at risk (e.g., security event, radiation release, toxic spill, etc.), THEN direct Security to close access to the plant until the SEC determines that the condition no longer exists.

**NOTE:** IF accountability and/or evacuation is (are) required at classifications other than a Site Area Emergency or General Emergency, THEN PA announcements may be made using the guidance in Step 3.2.3.

**NOTE:** Directions to activate the ERO facilities are only given ONE time for the event in progress.

**NOTE:** Accountability is performed only ONE time for the event in progress.

**NOTE:** Announcements may be modified as necessary to fit existing plant and ERO status.

3.2.3 Direct a Control Room Operator to perform ONE of the following, depending on the current classification. Include a brief description of the incident. Have the announcement broadcast twice.

- IF ERO Facility activation is desirable at other than Alert, Site Area Emergency or General Emergency Classification, THEN announce the following:

**“Attention all personnel. Activate the       Name of Facility(ies) to be activated      . All other personnel continue with your work and be prepared for future announcements.”**

- IF evacuation of areas of the plant or evacuation of the plant site is desirable at other than Alert, Site Area Emergency or General Emergency Classification, THEN announce the following:

Reference	PMP-2080-EPP-107	Rev. 18	Page 5 of 15
Notification			

**“Attention all personnel. Evacuate the Area(s) of the plant to be evacuated. All other personnel continue with your work and be prepared for future announcements.”**

- IF Personnel Accountability is desirable at other than Site Area Emergency or General Emergency Classification, THEN notify the Security Shift Supervisor to perform accountability.
- IF an Unusual Event exists, THEN perform step 3.2.3.a.
- IF an Alert exists, THEN perform step 3.2.3.b.
- IF a Site Area Emergency or General Emergency exists, THEN perform step 3.2.3.c.
- Other contingencies are addressed as determined by the SEC (e.g., security concerns, radiation release, etc.).

**a. FOR AN UNUSUAL EVENT:**

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

**b. FOR AN ALERT:**

**“Attention all personnel. An Alert has been declared due to (brief description). Activate the Operations Support Center, Technical Support Center, Emergency Operations Facility and the Emergency News Center. All other personnel stand by for further announcements.”**

**c. FOR A SITE AREA EMERGENCY OR GENERAL EMERGENCY:**

<b>NOTE:</b> Accountability is performed only ONE time for the event in progress.
---

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

Reference	PMP-2080-EPP-107	Rev. 18	Page 6 of 15
Notification			

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

**2. Actuate the Unit 1 and Unit 2 Containment Evacuation Alarm.**

- 3.2.4** On any touch-tone telephone, dial 1646 to access the Training Center and Buchanan Office Building PA and repeat the announcement that was made in step 3.2.3 twice.
- 3.2.5** Within 15 minutes of the classification of any emergency perform the following:
- a. Complete a Nuclear Plant Accident Notification form, EMD-32a, (from Emergency Kit or DAP printout).

<b>NOTE:</b>	The MSP operator may request that a different phone number be used after initial contact is made.
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- b. Contact:
  - Michigan State Police (MSP) at 8-1-517-336-6250 using the MSP bridge phone (extension 1088) in the back of the Control Room.
  - Berrien County Sheriff's Department at 8-1-269-983-3911. IF the automated system answers, THEN dial 7200.
- c. Document phone calls on Data Sheet 1, Shift Manager Initial Notification List.
- d. Provide the information from the Nuclear Plant Accident Notification form, verbally to the MSP and the Berrien County Sheriff's Department.
- e. Request a call back from the MSP and Berrien County Sheriff's Department.
- f. Inform the MSP that the Nuclear Plant Accident Notification form will be faxed.

Reference	PMP-2080-EPP-107	Rev. 18	Page 7 of 15
Notification			

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

**NOTE:** If BROADCAST is pushed on the fax machine all of the locations listed in step 3.2.7 will receive the fax. If BROADCAST is NOT used then each of the locations will have to be individually faxed at the numbers listed in step 3.2.7.

- 3.2.7 IF an Alert, Site Area Emergency or General Emergency exists, THEN make follow-up notifications to the below listed facilities by faxing:

- EMD-32a, Nuclear Plant Accident Notification, within 15 minutes of a change of classification or Protective Action Recommendation.
- EMD-32b, Nuclear Plant Event Technical Data, every 30 minutes there after until relieved by the EOF or as directed by the MSP.

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/JPIC	8-284-5892
Visitors' Center	2906 or 2907

- 3.2.8 IF a General Emergency exists and a PAR is made based on dose assessment, THEN within 15 minutes of the General Emergency classification or PAR change:

- Complete an EMD-32a and EMD-32b form and make notifications as directed in step 3.2.5 and fax the forms to the parties listed in step 3.2.7.

- 3.2.9 For all classifications, including classification upgrades, the Shift Manager or designee shall:

- Provide the information on Data Sheet 2, Plant Status, to the NRC as soon as possible after the State and County have been notified, and within one hour of classification.
- Make the notification in accordance with the instructions in PMP-7030-001-001, Prompt NRC Notification.

<b>Reference</b>	<b>PMP-2080-EPP-107</b>	<b>Rev. 18</b>	<b>Page 8 of 15</b>
<b>Notification</b>			

**3.2.10 IF an emergency classification is upgraded or the PAR changes, 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 1, Shift Manager Initial Notification List.

**3.2.11 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.

### **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:**

Reference	PMP-2080-EPP-107	Rev. 18	Page 9 of 15
Notification			

- 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.

#### 5.2.2 General References

- a. None.

Reference	PMP-2080-EPP-107	Rev. 18	Page 10 of 15
Notification			
Attachment 1	Drills and Exercises		Page: 10

## **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 announced or unannounced drill as directed by the controller. The drill or exercise controller may provide alternate instructions for contacting Security as dictated by the drill scenario.
- 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 an announcement in accordance with the drill controller's instructions.
- 1.3 The Simulator Shift Manager directs the Simulator control room staff to sound the Nuclear Emergency Alarm and the Containment Evacuation Alarm in the SIMULATOR for a Site Area Emergency or General Emergency.
- 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 an announcement in accordance with the drill controller's instructions.

Reference	PMP-2080-EPP-107	Rev. 18	Page 11 of 15
Notification			
Attachment 2	Communication System Tests		Pages: 11 - 12

# **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 or at a time approved by the Shift Manager:**

- 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. 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 when the ERO pager activates."**

- Acceptance Criteria:

**NEA alarm is heard in the Control Room.**

\_\_\_\_\_  
Print Name/Signature

\_\_\_\_\_  
Date



Reference	PMP-2080-EPP-107	Rev. 18	Page 12 of 15
Notification			
Attachment 2	Communication System Tests		Pages: 11 - 12

**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 of the Training Building and Buchanan Office Building Public Address System and ERO turnover notification. Oncoming duty ERO personnel should call Dialogic when the ERO pager activates. Test is complete."**

Acceptance Criteria: (only required to be verified during normal work days).

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 PA system monthly, between May 1<sup>st</sup> and October 31<sup>st</sup>.**

- Station an AEO within range of the Beach PA system speakers.
- Make the following announcement using the Beach PA system microphone.
- **"This is a test of the Beach Public Address System. Test complete."**
- Acceptance Criteria:

Announcement is heard by the AEO stationed for the test.

\_\_\_\_\_  
Print Name/Signature

\_\_\_\_\_  
Date

Reference	PMP-2080-EPP-107	Rev. 18	Page 13 of 15
Notification			
Data Sheet 1	Shift Manager Initial Notification List		Page: 13

ON-SITE NOTIFICATION	PHONE NUMBER	CONTACT ESTABLISHED INITIALS / TIME
Security (SAS) for Dialogic Activation	1118 or 1119	_____/_____ _____
Training and Buchanan Office PA Announcement	1646	_____/_____ _____

OFF-SITE NOTIFICATION	PHONE NUMBER	CONTACT ESTABLISHED INITIALS / TIME	EVENT CLOSEOUT INITIALS / DATE
Berrien County Sheriff's Department	8-1-269-983-3911	_____/_____ _____	_____/_____ _____
REQUEST CALL BACK VERIFICATION	BCSD Person Contacted: _____  Time Call Back Received: _____		
Michigan State Police	8-1-517-336-6250	_____/_____ _____	_____/_____ _____
REQUEST CALL BACK VERIFICATION	MSP Person Contacted: _____  Time Call Back Received: _____		
NRC Operations Center -	8-1-301-816-5100	Red Phone or Commercial	
	8-1-301-951-0550	_____/_____ _____	_____/_____ _____
	8-1-301-415-0553		
	NRC Person Contacted: _____  Continuous contact will be required for an Alert, Site Area Emergency, or General Emergency		

Reference	PMP-2080-EPP-107	Rev. 18	Page 14 of 15
Notification			
Data Sheet 2	Plant Status		Pages: 14 - 15

**NOTE:** This Data Sheet is not required to be sent to the NRC unless asked for by the NRC. It is to be used as a guide for the communicator talking to the NRC.

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 - Check all that apply for the current plant conditions

- 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

Reference	PMP-2080-EPP-107	Rev. 18	Page 15 of 15
Notification			
Data Sheet 2	Plant Status		Pages: 14 - 15

**RCS Heat Transport Control** - Check all that apply for the current plant conditions

Forced Circulation by RCP

Natural Circulation

Feed and Bleed

Decay Heat Removal System (RHR)

**RCS Heat Sink (available or in operation)** - Check all that apply for the current plant conditions

S/G - Condenser Dump Valves

S/G - Atmospheric Dump Valves

S/G - Safety Valves

RCS - Feed/Bleed

Decay Heat Removal System (RHR)

**S/G Inventory Control** - Check all that apply for the current plant conditions

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 |

# REVIEW AND APPROVAL TRACKING FORM

<b>Procedure Information:</b>			
Number: <u>PMP-2080-EPP-107</u>		Rev. <u>18</u>	Change: <u>0</u>
Title: <u>Notification</u>			
<b>Category (Select One Only):</b>			
<input type="checkbox"/> Correction (Full Procedure)		<input checked="" 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): _____			
<b>Associated Configuration Impact Assessments:</b>			
Change Driver/CDI Tracking No(s): _____			<input checked="" type="checkbox"/> N/A
<b>Required Reviews:</b>			
<b>Cross-Discipline Reviews:</b>		<b>Programmatic Reviews:</b>	
<input type="checkbox"/> Chemistry	<input type="checkbox"/> Training	<input type="checkbox"/> ALARA	<input type="checkbox"/> Reactivity Mgmt Team
<input type="checkbox"/> Maintenance	<input type="checkbox"/> Work Control	<input type="checkbox"/> Component Engineering	<input type="checkbox"/> SPS (Safety & Health)
<input type="checkbox"/> NDM	<input type="checkbox"/> _____	<input type="checkbox"/> Design Engineering	<input type="checkbox"/> Surveillance Section
<input checked="" type="checkbox"/> Operations	<input type="checkbox"/> _____	<input type="checkbox"/> Emerg Oper Proc Grp	<input type="checkbox"/> System Engineering
<input type="checkbox"/> PA/PV	<input type="checkbox"/> _____	<input type="checkbox"/> Environmental	<input type="checkbox"/> SOMS Administrator
<input type="checkbox"/> Reg Affairs	<input type="checkbox"/> _____	<input type="checkbox"/> ISI/IST Coordinator	<input type="checkbox"/> _____
<input type="checkbox"/> RP	<input type="checkbox"/> None Required	<input type="checkbox"/> Performance Assurance	<input checked="" type="checkbox"/> None Required
<input checked="" type="checkbox"/> Cognizant Org Review: <u>Cindy Krapfenbauer</u>		Date: <u>8/21/03</u>	
<input checked="" type="checkbox"/> Technical Review: <u>James R. Brudlow</u>		Date: <u>8/25/03</u>	
<b>Concurrence:</b>			
<input type="checkbox"/> Ops Director Concurrence: <u>N/A</u>		Date: <u>  /  /  </u>	
<b>Package Check:</b>			
Updated Revision Summary attached?		<input checked="" type="checkbox"/> Yes	
10 CFR 50.59 Requirements complete?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> N/A	
Implementation Plan developed? (Ref. Step 3.4.17)		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A	
Package Complete: <u>Darrell Schneider</u>		Date: <u>9/8/03</u>	
<b>Approvals:</b>			
PORC Review Required: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Mtg. No.: <u>4033</u>	
Administrative Hold Status: <input type="checkbox"/> Released <input type="checkbox"/> Reissued <input checked="" type="checkbox"/> N/A		CR No.: <u>N/A</u>	
Approval Authority Review/Approval: <u>Eric A. Lar...</u>		Date: <u>9/8/03</u>	
Expiration Date/Ending Activity <u>N/A</u>		Effective Date: <u>9/18/03</u>	
<b>Periodic Review:</b>			
Periodic Review conducted?		(Data Sheet 5 Complete) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>Follow-up Actions:</b>			
Commitment Database update requested in accordance with PMP-7100-CMP-001?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A	
NDM notified of new records or changes to records that could affect record retention?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> N/A	

NDM Use Only	NUCLEAR DOCUMENT MANAGEMENT SECTION	<b>Office Information For Form Tracking Only -- Not Part of Form</b>	
	SEP 18 2003	This form is derived from the information in PMP-2010-PRC-002, Procedure Correction, Change, and Review, Rev. 10a, Data Sheet 1, Review and Approval Tracking Form.	
	CONTROLLED DOCUMENT		
		Page <u>1</u> of <u>3</u>	

## REVISION SUMMARY

Number: PMP-2080-EPP-107

Revision: 18

Change: 0

Title: NOTIFICATIONS

Section or Step	Change/Reason For Change
3.2.3	<p>Change: Add Note IF accountability and /or evacuation is (are) required at classifications other than a Site Area Emergency or General Emergency, THEN PA announcements may be made using the guidance in step 3.2.3.</p> <p>Reason: CR 03099018 action 2 to address personnel accountability and evacuation from site when Site Area Emergency or General Emergency do not exist.</p>
3.2.3	<p>Change: Add "Note Directions to activate the ERO facilities are only given ONE time for the event in progress" and remove bullet with same statement from 3.2.3.</p> <p>Reason: CR 03099018 action 2 to address personnel accountability and evacuation from site when Site Area Emergency or General Emergency do not exist.</p>
3.2.3 and 3.2.3.c	<p>Change: Add "Note Accountability is performed only ONE time for the event in progress", and remove bullet with same statement from 3.2.3.</p> <p>Reason: CR 03099018 action 2 to address personnel accountability and evacuation from site when Site Area Emergency or General Emergency do not exist.</p>
3.2.3	<p>Change: Add "Note Announcements may be modified as necessary to fit existing plant and ERO status."</p> <p>Reason: CR 03099018 action 2 to address personnel accountability and evacuation from site when Site Area Emergency or General Emergency do not exist.</p>
3.2.3	<p>Change: Add bulleted item IF ERO Facility activation is desirable at other than Alert, Site Area Emergency, or General Emergency Classification, THEN announce the following</p> <p style="padding-left: 40px;"><b>"Attention all personnel. Activate the <u>      Name of Facility(ies) to be activated      </u>. All other personnel continue with your work and be prepared for future announcements."</b></p> <p>Reason: CR 03099018 action 2 to address personnel accountability and evacuation from site when Site Area Emergency or General Emergency do not exist.</p>

### 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. 10a.

Page 2 of 3

## REVISION SUMMARY

Number: PMP-2080-EPP-107

Revision: 18 Change: 0


Title: NOTIFICATIONS

Section or Step	Change/Reason For Change
3.2.3	<p>Change: Add bulleted item IF evacuation of areas of the plant, or evacuation of the plant site is desirable at other than Alert, Site Area Emergency, or General Emergency Classification, THEN announce the following</p> <p style="padding-left: 40px;"><b>“Attention all personnel. Evacuate the <u>Area(s) of the plant to be evacuated</u>. All other personnel continue with your work and be prepared for future announcements.”.</b></p> <p>Reason: CR 03099018 action 2 to address personnel accountability and evacuation from site when Site Area Emergency or General Emergency do not exist.</p>
3.2.3	<p>Change: Add bulleted item IF Personnel Accountability is desirable at other than Site Area Emergency, or General Emergency Classification, THEN notify the Security Shift Supervisor to perform accountability.</p> <p>Reason: CR 03099018 action 2 to address personnel accountability and evacuation from site when Site Area Emergency or General Emergency do not exist.</p>
3.2.3	<p>Change: Delete sentence “Modify the announcements in steps 3.2.3.a, 3.2.3.b, and 3.2.3.c as necessary to ensure that:”</p> <p>Reason: CR 03099018 action 2 to address personnel accountability and evacuation from site when Site Area Emergency or General Emergency do not exist.</p>
3.2..10 Bullet	<p>Change: Delete word “Offsite”.</p> <p>Reason: “Offsite” is not included in the title for Data Sheet 1.</p>
Attachment 2	<p>Change: Pages block numbering from 10 – 11 to 11-12 on both pages of Attachment 2.</p> <p>Reason: Correct pagination.</p>

### 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. 10a.

Page 3 of 3

	PMP-2080-EPP-107	Rev. 18	Page 1 of 15
<b>Notification</b>			
Reference			Effective Date: 9/18/03
D. A. Schroeder Writer	S. M. Partin Owner	Site Protective Services Cognizant Organization	

## TABLE OF CONTENTS

<b>1</b>	<b>PURPOSE AND SCOPE.....</b>	<b>2</b>
<b>2</b>	<b>DEFINITIONS AND ABBREVIATIONS.....</b>	<b>2</b>
<b>3</b>	<b>DETAILS.....</b>	<b>3</b>
<b>4</b>	<b>FINAL CONDITIONS.....</b>	<b>8</b>
<b>5</b>	<b>REFERENCES .....</b>	<b>8</b>
<b>Attachment 1:</b>	<b>Drills and Exercises .....</b>	<b>10</b>
<b>Attachment 2:</b>	<b>Communication System Tests.....</b>	<b>11</b>
<b>Data Sheet 1:</b>	<b>Shift Manager Initial Notification List.....</b>	<b>13</b>
<b>Data Sheet 2:</b>	<b>Plant Status.....</b>	<b>14</b>



Reference	PMP-2080-EPP-107	Rev. 18	Page 2 of 15
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.
- 1.2 The steps in this procedure are listed in the preferred order of performance for maximum efficiency. However, the steps may be performed in a different sequence.

## 2 DEFINITIONS AND ABBREVIATIONS

Term	Meaning
Drill/Exercise	An Emergency Response Organization (ERO) test that uses the Dialogic pager system to page ERO members in order to activate the Emergency Response Facilities.
EMD-32	Nuclear Plant Accident Notification form
Emergency	An actual plant condition that requires an Emergency Plan classification.
ENC	Emergency News Center
EOF	Emergency Operations Facility
ERO	Emergency Response Organization
JPIC	Joint Public Information Center
MSP	Michigan State Police
OSC	Operations Support Center
PA	Public Address
PAR	Protective Action Recommendation
SAS	Secondary Alarm Station
SEC	Site Emergency Coordinator
SM	Shift Manager
TSC	Technical Support Center

Reference	PMP-2080-EPP-107	Rev. 18	Page 3 of 15
Notification			

Turnover	A Dialogic Emergency Response Organization pager activation that signals a change in the on-duty team.
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### 3 DETAILS

#### 3.1 General

3.1.1 The SM shall assume the duties of the 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.

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

#### 3.2 Actions

**CAUTION:** Do not use the 911 or 007 code for drills, exercises or training.

**NOTE:** SEC judgement will be used to determine which of the following codes will be used. The 007 code will be used if it is determined to be unsafe to report to the plant site.

3.2.1 IF an Alert, Site Area Emergency, or a General Emergency has been declared or an Unusual Event has been declared and ERO facility staffing is desired, THEN determine where the ERO should respond.

- Code '911' will direct ERO responders to their respective facilities in the TSC, OSC, EOF, ENC/JPIC.
- Code '007' will direct all ERO responders reporting from offsite to the Buchanan Office Building. The EOF will activate and the back-up TSC will be manned. Personnel will remain in Buchanan pending further instructions by the SEC.

Reference	PMP-2080-EPP-107	Rev. 18	Page 4 of 15
Notification			

3.2.2 IF a pager code was identified in step 3.2.1, THEN call the SAS at extension 1118 or 1119 and direct Security to implement the Dialogic Emergency Response Organization pager system for the selected response code.

- a. IF conditions at the plant are such that personnel reporting to the plant would be at risk (e.g., security event, radiation release, toxic spill, etc.), THEN direct Security to close access to the plant until the SEC determines that the condition no longer exists.

**NOTE:** IF accountability and/or evacuation is (are) required at classifications other than a Site Area Emergency or General Emergency, THEN PA announcements may be made using the guidance in Step 3.2.3.

**NOTE:** Directions to activate the ERO facilities are only given ONE time for the event in progress.

**NOTE:** Accountability is performed only ONE time for the event in progress.

**NOTE:** Announcements may be modified as necessary to fit existing plant and ERO status.

3.2.3 Direct a Control Room Operator to perform ONE of the following, depending on the current classification. Include a brief description of the incident. Have the announcement broadcast twice.

- IF ERO Facility activation is desirable at other than Alert, Site Area Emergency or General Emergency Classification, THEN announce the following:

**“Attention all personnel. Activate the       Name of Facility(ies) to be activated      . All other personnel continue with your work and be prepared for future announcements.”**

- IF evacuation of areas of the plant or evacuation of the plant site is desirable at other than Alert, Site Area Emergency or General Emergency Classification, THEN announce the following:

Reference	PMP-2080-EPP-107	Rev. 18	Page 5 of 15
Notification			

**“Attention all personnel. Evacuate the Area(s) of the plant to be evacuated. All other personnel continue with your work and be prepared for future announcements.”**

- **IF Personnel Accountability is desirable at other than Site Area Emergency or General Emergency Classification, THEN notify the Security Shift Supervisor to perform accountability.**
- **IF an Unusual Event exists, THEN perform step 3.2.3.a.**
- **IF an Alert exists, THEN perform step 3.2.3.b.**
- **IF a Site Area Emergency or General Emergency exists, THEN perform step 3.2.3.c.**
- **Other contingencies are addressed as determined by the SEC (e.g., security concerns, radiation release, etc.).**

**a. FOR AN UNUSUAL EVENT:**

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

**b. FOR AN ALERT:**

**“Attention all personnel. An Alert has been declared due to (brief description). Activate the Operations Support Center, Technical Support Center, Emergency Operations Facility and the Emergency News Center. All other personnel stand by for further announcements.”**

**c. FOR A SITE AREA EMERGENCY OR GENERAL EMERGENCY:**

<b>NOTE:</b> Accountability is performed only ONE time for the event in progress.
---

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

Reference	PMP-2080-EPP-107	Rev. 18	Page 6 of 15
Notification			

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

**2. Actuate the Unit 1 and Unit 2 Containment Evacuation Alarm.**

- 3.2.4** On any touch-tone telephone, dial 1646 to access the Training Center and Buchanan Office Building PA and repeat the announcement that was made in step 3.2.3 twice.
- 3.2.5** Within 15 minutes of the classification of any emergency perform the following:
- a. Complete a Nuclear Plant Accident Notification form, EMD-32a, (from Emergency Kit or DAP printout).

<b>NOTE:</b>	The MSP operator may request that a different phone number be used after initial contact is made.
--------------	---

- b. Contact:
  - Michigan State Police (MSP) at 8-1-517-336-6250 using the MSP bridge phone (extension 1088) in the back of the Control Room.
  - Berrien County Sheriff's Department at 8-1-269-983-3911. IF the automated system answers, THEN dial 7200.
- c. Document phone calls on Data Sheet 1, Shift Manager Initial Notification List.
- d. Provide the information from the Nuclear Plant Accident Notification form, verbally to the MSP and the Berrien County Sheriff's Department.
- e. Request a call back from the MSP and Berrien County Sheriff's Department.
- f. Inform the MSP that the Nuclear Plant Accident Notification form will be faxed.

Reference	PMP-2080-EPP-107	Rev. 18	Page 7 of 15
Notification			

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

**NOTE:** If BROADCAST is pushed on the fax machine all of the locations listed in step 3.2.7 will receive the fax. If BROADCAST is NOT used then each of the locations will have to be individually faxed at the numbers listed in step 3.2.7.

- 3.2.7 IF an Alert, Site Area Emergency or General Emergency exists, THEN make follow-up notifications to the below listed facilities by faxing:

- EMD-32a, Nuclear Plant Accident Notification, within 15 minutes of a change of classification or Protective Action Recommendation.
- EMD-32b, Nuclear Plant Event Technical Data, every 30 minutes there after until relieved by the EOF or as directed by the MSP.

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/JPIC	8-284-5892
Visitors' Center	2906 or 2907

- 3.2.8 IF a General Emergency exists and a PAR is made based on dose assessment, THEN within 15 minutes of the General Emergency classification or PAR change:

- Complete an EMD-32a and EMD-32b form and make notifications as directed in step 3.2.5 and fax the forms to the parties listed in step 3.2.7.

- 3.2.9 For all classifications, including classification upgrades, the Shift Manager or designee shall:

- Provide the information on Data Sheet 2, Plant Status, to the NRC as soon as possible after the State and County have been notified, and within one hour of classification.
- Make the notification in accordance with the instructions in PMP-7030-001-001, Prompt NRC Notification.

<b>Reference</b>	<b>PMP-2080-EPP-107</b>	<b>Rev. 18</b>	<b>Page 8 of 15</b>
<b>Notification</b>			

**3.2.10 IF an emergency classification is upgraded or the PAR changes, 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 1, Shift Manager Initial Notification List.

**3.2.11 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.

### **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:**

Reference	PMP-2080-EPP-107	Rev. 18	Page 9 of 15
Notification			

- 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.

#### 5.2.2 General References

- a. None.



Reference	PMP-2080-EPP-107	Rev. 18	Page 10 of 15
Notification			
Attachment 1	Drills and Exercises		Page: 10

## **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 announced or unannounced drill as directed by the controller. The drill or exercise controller may provide alternate instructions for contacting Security as dictated by the drill scenario.
- 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 an announcement in accordance with the drill controller's instructions.
- 1.3 The Simulator Shift Manager directs the Simulator control room staff to sound the Nuclear Emergency Alarm and the Containment Evacuation Alarm in the SIMULATOR for a Site Area Emergency or General Emergency.
- 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 an announcement in accordance with the drill controller's instructions.

Reference	PMP-2080-EPP-107	Rev. 18	Page 11 of 15
Notification			
Attachment 2	Communication System Tests		Pages: 11 - 12

# **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 or at a time approved by the Shift Manager:**

- **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. 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 when the ERO pager activates."**

- **Acceptance Criteria:**

**NEA alarm is heard in the Control Room.**

\_\_\_\_\_  
Print Name/Signature

\_\_\_\_\_  
Date

Reference	PMP-2080-EPP-107	Rev. 18	Page 12 of 15
Notification			
Attachment 2	Communication System Tests		Pages: 11 - 12

**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 of the Training Building and Buchanan Office Building Public Address System and ERO turnover notification. Oncoming duty ERO personnel should call Dialogic when the ERO pager activates. Test is complete."**

Acceptance Criteria: (only required to be verified during normal work days).

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 PA system monthly, between May 1<sup>st</sup> and October 31<sup>st</sup>.**

- Station an AEO within range of the Beach PA system speakers.
- Make the following announcement using the Beach PA system microphone.
- **"This is a test of the Beach Public Address System. Test complete."**
- Acceptance Criteria:

Announcement is heard by the AEO stationed for the test.

\_\_\_\_\_  
Print Name/Signature

\_\_\_\_\_  
Date

Reference	PMP-2080-EPP-107	Rev. 18	Page 13 of 15
Notification			
Data Sheet 1	Shift Manager Initial Notification List		Page: 13

ON-SITE NOTIFICATION	PHONE NUMBER	CONTACT ESTABLISHED INITIALS / TIME
Security (SAS) for Dialogic Activation	1118 or 1119	_____/_____ _____
Training and Buchanan Office PA Announcement	1646	_____/_____ _____

OFF-SITE NOTIFICATION	PHONE NUMBER	CONTACT ESTABLISHED INITIALS / TIME	EVENT CLOSEOUT INITIALS / DATE
Berrien County Sheriff's Department	8-1-269-983-3911	_____/_____ _____	_____/_____ _____
REQUEST CALL BACK VERIFICATION	BCSD Person Contacted: _____  Time Call Back Received: _____		
Michigan State Police	8-1-517-336-6250	_____/_____ _____	_____/_____ _____
REQUEST CALL BACK VERIFICATION	MSP Person Contacted: _____  Time Call Back Received: _____		
NRC Operations Center -	8-1-301-816-5100	Red Phone or Commercial	
	8-1-301-951-0550	_____/_____ _____	_____/_____ _____
	8-1-301-415-0553		
	NRC Person Contacted: _____  Continuous contact will be required for an Alert, Site Area Emergency, or General Emergency		

Reference	PMP-2080-EPP-107	Rev. 18	Page 14 of 15
Notification			
Data Sheet 2	Plant Status		Pages: 14 - 15

**NOTE:** This Data Sheet is not required to be sent to the NRC unless asked for by the NRC. It is to be used as a guide for the communicator talking to the NRC.

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 - Check all that apply for the current plant conditions

- 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

Reference	PMP-2080-EPP-107	Rev. 18	Page 15 of 15
Notification			
Data Sheet 2	Plant Status		Pages: 14 - 15

**RCS Heat Transport Control** - Check all that apply for the current plant conditions

Forced Circulation by RCP

Natural Circulation

Feed and Bleed

Decay Heat Removal System (RHR)

**RCS Heat Sink (available or in operation)** - Check all that apply for the current plant conditions

S/G - Condenser Dump Valves

S/G - Atmospheric Dump Valves

S/G - Safety Valves

RCS - Feed/Bleed

Decay Heat Removal System (RHR)

**S/G Inventory Control** - Check all that apply for the current plant conditions

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 |