TRANSMITTAL/ACKNOWLEDGEMENT MEMORANDUM

TO: NRC-NRR/Document Control Desk, Washington DC

SUBJECT: Emergency Plan Implementing Procedures (--- Series) Manual No: 91 *

Revisions to your controlled copy of the manual, as checked above, are attached. As indicated below, please remove and discard the superseded material and insert the revised material, or perform the changes as directed herein.

MANUAL CONTENTS		REMOVE		INSERT	
		REV	DATE	REV	DATE
EPIP Index		123	10/10/01	124	11/02/01
EPIP 2.8	16314	N/A	N/A	0	11/02/01

Verify the procedures listed in this distribution, or associated attachments or checklists, are not currently being performed. If any of these items are currently being performed, the verification signature below acknowledges that a controlled transition from the old revision to the new revision shall be made in accordance with Section 3.4 of ACP 101.01, "Procedure Use and Adherence."

_____ (Verification) _____ (Date)

(Can be N/A'd if revisions are being inserted into a reference manual)

Please acknowledge that the above action has been taken by signing below and returning this memorandum to:

**Duane Arnold Energy Center
Procedure Department
3277 DAEC Road
Palo, IA 52324**

I have inserted the above revisions in the Manual.

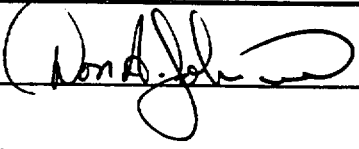_____ _____
Signed   Date

A045

NG-013X Rev 10

EFFECTIVE DATE: <u>11/02/2001</u>

Procedure	Title	Revision Number	Date
1.1	Determination of Emergency Action Levels	19	09/12/01
1.2	Notification	26	08/24/01
1.3	Plant Assembly and Site Evacuation	9	09/12/01
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2.1	Activation and Operation of the OSC	13	09/12/01
2.2	Activation and Operation of the TSC	21	09/12/01
2.3	Operation of the FTS-2001 Phone Network	5	09/12/01
2.4	Activation and Operation of the ORAA	8	09/12/01
2.5	Control Room Emergency Response Operation	14	10/15/01
2.6	Activation and Operation of the ORAL	8	10/15/01
2.7	Activation and Operation of the ODEF	6	10/15/01
2.8	Security Threat	0	11/02/01
3.1	In-Plant Radiological Monitoring	11	10/15/01
3.2	Field Radiological Monitoring	12	10/15/01
3.3	Dose Assessment and Protective Action	17	10/15/01
4.2	First Aid, Decontamination and Medical Support	6	10/15/01
4.3	Rescue and Emergency Repair Work	10	10/15/01
4.5	Administration of Potassium Iodide (KI)	6	10/15/01
5.2	Recovery and Re-entry	9	10/15/01
Appendix 1	EPIP Forms	n/a	n/a

EMERGENCY PLAN IMPLEMENTING PROCEDURE	EPIP 2.8
SECURITY THREAT	Rev. 0
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Effective Date: 11/2/2001

TECHNICAL REVIEW

Prepared by: _____ Date: 11/2/2001

Reviewed by: _____ Date: 11/3/01
Independent Reviewer

PROCEDURE APPROVAL

I am responsible for the technical content of this procedure.

Approved by: _____ Date: 11/3/01
Manager, Emergency Planning

Table of Contents

1.0   PURPOSE

(1)   This procedure provides instructions for the activation of the Emergency Response Organization in response to Security Events at DAEC.

(2)   Based on the national security events of 9/11/2001, a change in the way a nuclear facility prepares for, and responds to, security events is required. The NMC has taken steps to ensure the health and safety of its employees, and the safety of its nuclear facilities.

(3)   This procedure is intended to be used in support of DAEC AOP 914, "SECURITY EVENTS", NMC SE-0018, "Security Threat Assessment", and NMC SE-0017, "Security Threat Notification".

2.0   DEFINITIONS

The following definitions supplement those contained in the Quality Assurance Manual, Appendix B, "Glossary of Terms".

SECURITY EVENT: Any actual or developing situation in which one or more persons threaten to interrupt or obstruct operation of the plant. These threats could involve direct sabotage of the plant buildings, switchyard, or equipment, or occupation of the plant security areas.

SECURITY ALERT: A security related situation that may not necessarily pose an immediate threat or danger to the plant but which does call for increased alertness by plant personnel and the execution of specific actions to reduce vulnerability.

SECURITY EMERGENCY: A security related situation that poses a clear or imminent threat or danger to the plant and calls for prompt response by plant personnel.

AN ATTACK ON U.S. SOIL: When security or senior NMC Management has received or confirmed credible information that an attack is underway in the U.S. This may involve attacks on other nuclear plants for which a threat of attack has not been confirmed.

A THREAT OF ATTACK: When security or senior NMC Management has received or confirmed credible information that an attack on the site has been threatened.

3.0   INSTRUCTIONS

3.1   ACTIVATION OF THE ERO FOR SECURITY EVENTS

(1)   EPIP 1.1, *"Determination of Emergency Action Levels"*, will be used to determine the appropriate Emergency Action Level (EAL) based on security related events.

3.1.1   ALERT DECLARATION

(1)   The Alert classification is based on a **HI CREDIBLE THREAT** as determined by NMC SE-0018, "Security Threat Assessment", AOP 914, "Security Emergency" and EPIP 1.1, "Determination of Emergency Action Levels".

    (a)   If an attack is in progress, or is imminent, make the plant page announcement in accordance with AOP 914, "Security Emergency".

    (b)   If time is available for safe plant evacuation, make the plant page announcement in accordance with Attachment 1, "Site Evacuation Announcement for Security Events".

(2)   Inform the State and County's in accordance with EPIP 1.2, "Notifications".

(3)   Activate all EOF and JPIC ERO pagers in accordance with Attachment 2, "Security Event – ERO Alphanumeric Paging System Callout"

(4)   If off-hours, activate all EOF and JPIC ERO responders in accordance with Attachment 3, "Security Event – Phone System Callout".

(5)   Notify the Plant Manager, or Emergency Coordinator as applicable, to respond to the Control Room to facilitate communication as the OSM may be involved with placing the plant in a safe condition.

(6)   Verify that Local Law Enforcement has been contacted and informed that the EOF and JPIC is being activated to coordinate management communications.

(7)   Inform the NRC ENS in accordance with EPIP 1.2, "Notifications".

(8)   Work with DAEC and NMC Management to determine what activities are essential and what personnel are needed to support the site.

(a)   If additional resources are needed to augment existing Operations staff, then refer to step 3.1.4, "Staff Augmentation"

3.1.2 NOTIFICATION OF UNUSUAL EVENT DECLARATION

(1)   The Alert classification is based on a **LO CREDIBLE THREAT** as determined by NMC SE-0018, "Security Threat Assessment", AOP 914, "Security Emergency" and EPIP 1.1, "Determination of Emergency Action Levels".

    (a)   Make the plant page announcement in accordance with Attachment 1, "Site Evacuation Announcement for Security Events".

(2)   Inform the State and County's in accordance with EPIP 1.2, "Notifications".

(3)   Activate all EOF and JPIC ERO pagers in accordance with Attachment 2, "Security Event – ERO Alphanumeric Paging System Callout"

(4)   If off-hours, activate all EOF and JPIC ERO responders in accordance with Attachment 3, "Security Event – Phone System Callout".

(5)   Verify that Local Law Enforcement has been contacted and informed that the EOF and JPIC is being activated to coordinate management communications.

(6)   Inform the NRC ENS in accordance with EPIP 1.2, "Notifications".

(7)   If the threat escalates, then reclassify and go to Section 3.1.1.

(8)   Work with DAEC and NMC Management to determine what activities are essential and what personnel are needed to support the site.

    (a)   If additional resources are needed to augment existing Operations staff, then refer to step 3.1.4, "Staff Augmentation"

3.1.3 FOLLOW-UP ACTIONS

(1)   If the security threat is resolved, then enter the appropriate EPIPs to reclassify the event, or terminate the event, as applicable.

3.1.4 STAFF AUGMENTATION

(1)   The OSM/ER&RD has the authority to augment the response staff as necessary to ensure adequate resources are available to assist Operations in maintaining, or restoring, the safe condition of the plant. A section has been

added to the Emergency Telephone Book (ETB) to assist in determining who on-site has previous Operations experience, or other critical experience, which could assist Operations.

(a)   This new section of the ETB has been organized based on the following skill sets:

    1. Operations

        a. SRO

        b. RO

        c. NSPEO

        d. Severe Accident Management (SAM)

    2. Fire Brigade

    3. First Aid

    4. SCBA

4.0   RECORDS

(1)   This procedure does not generate any records.

5.0   REFERENCES

(1)   NMC SE-0018, *"Security Threat Assessment"*

(2)   NMC SE-0017, *"Security Threat Notification"*

(3)   AOP 914, *"Security Events"*

(4)   EPIP 1.1, *"Determination of Emergency Action Levels"*

6.0   ATTACHMENTS

(1)   Attachment 1, *"Security Event - Site Evacuation Announcement"*

(2)   Attachment 2, *"Security Event – ERO Alphanumeric Paging System Callout"*

(3)   Attachment 3, *"Security Event – Phone System Callout"*

ATTACHMENT 1

SECURITY EVENT – SITE EVACUATION ANNOUNCMENT

(1)   Ensure to turn on the outside speakers

(2)   Activate Evacuation Alarm

(3)   Make the following page announcement:

"Attention all personnel. Attention all personnel. A security threat exists. Place all essential activities in a safe condition. All EOF personnel assemble at the EOF. All JPIC personnel report to the JPIC. Operations and Fire Brigade personnel assemble in the Control Room. All other personnel evacuate the site."

(4)   Repeat steps (3) and (4)

ATTACHMENT 2

SECURITY EVENT – ERO ALPHANUMERIC PAGING SYSTEM CALLOUT

(1) Alphanumeric Pagers - Complete this sequence on the AlphaMate 250. Terminal Prompts are given: operator responses are in **bold**.

    (a) Ensure the AlphaMate II is turned **ON**.

    (b) Press the **PAGE** key (top row, left)

    (c) ENTER NAME OR NUMBER: key in **SECURITY THREAT**, press **ENTER**.

    (d) ENTER MESSAGE (OR CANNED MESSAGE NUMBER): key in **"Security threat exists at DAEC. Please report to the EOF/JPIC immediately"** press **ENTER**.

<div align="center">-OR-</div>

    (e) ENTER MESSAGE (OR CANNED MESSAGE NUMBER): key in **"@4"**, press **ENTER**, press **ENTER**

    (f) The AlphaMate 250 will dial the central computer and display the following, OFFHOOK, CONNECTING, CONNECTED, SENDING MESSAGE, DISCONNECTING, PAGE SENT. Watch the AlphaMate 250 for these indicators.

ATTACHMENT 3

SECURITY EVENT – PHONE SYSTEM CALLOUT

To initiate a call-out on the AVS100 System in response to a security threat, conduct the following using a touch-tone phone:

(1) Call into the AVS100 system by dialing 398-7200.

(2) To log on press # after hearing the initial greeting.

(3) When asked for your mailbox enter __*__ (do not press the # key)

(4) When asked for your security code enter __*__ (do not press the # key)

(5) When you hear the system prompt "to send a broadcast press 2", press 2 (do not press the # key).

(6) When asked for the " primary list " enter 2006 (do not press the # key).

(7) When prompted to enter another list or press #, press #

(8) When asked for what Broadcast type press 1 (do not press the # key).

(9) When prompted Press # to continue

(10) Press 2 for quick delivery

(11) When asked for type of delivery press 1 (do not press the # key) for immediate delivery.

(12) Listen to the system read your selections back to you. Confirm that you have selected the voice broadcast to list 2006 and the broadcast is for immediate delivery by pressing #.

(13) If your selections are not correct press *, then press 9, then press # to start over at number 4.

(14) If you have confirmed your selections by pressing # in step 11 above, press 99 once the system says " ready "

* These numbers have been disseminated to the Control Room and EOF. It is blocked for all other users for security purposes.