

# Exelon Nuclear

## Job Performance Measure

### **INITIATE AN EMERGENCY PA ANNOUNCEMENT FOR A GENERAL EMERGENCY EAL CAUSED BY A SECURITY EVENT**

JPM Number: 2014 ILT NRC JPM SRO Admin 5

Revision Number: 00

Date: 10/24/2013

Developed By: \_\_\_\_\_  
Instructor Date

Validated By: \_\_\_\_\_  
SME or Instructor Date

Reviewed By: \_\_\_\_\_  
Operations Representative Date

Approved By: \_\_\_\_\_  
Training Department Date

## JOB PERFORMANCE MEASURE VALIDATION CHECKLIST

**NOTE:** All steps of this checklist should be performed upon initial validation.  
Prior to JPM usage, revalidate JPM using steps 9 and 13 below.

- \_\_\_\_\_ 1. Task description and number, JPM description and number are identified.
- \_\_\_\_\_ 2. Knowledge and Abilities (K/A) references are included.
- \_\_\_\_\_ 3. Performance location specified. (in-plant, control room, simulator, or other)
- \_\_\_\_\_ 4. Initial setup conditions are identified.
- \_\_\_\_\_ 5. Initiating cue (and terminating cue if required) are properly identified.
- \_\_\_\_\_ 6. Task standards identified and verified by SME review.
- \_\_\_\_\_ 7. Critical steps meet the criteria for critical steps and are identified with an asterisk (\*).
- \_\_\_\_\_ 8. If an alternate path is used, the task standard contains criteria for successful completion.
- \_\_\_\_\_ 9. Verify the procedure(s) referenced by this JPM reflects the current revision:  
     Procedure EP-AA-112-F-09 Rev: D  
     Procedure \_\_\_\_\_ Rev: \_\_\_\_\_  
     Procedure \_\_\_\_\_ Rev: \_\_\_\_\_
- \_\_\_\_\_ 10. Verify cues both verbal and visual are free of conflict.
- \_\_\_\_\_ 11. Verify performance time is accurate
- \_\_\_\_\_ 12. If the JPM cannot be performed as written with proper responses, then revise the JPM.
- \_\_\_\_\_ 13. When JPM is initially validated, sign and date JPM cover page. Subsequent validations, sign and date below:

SME / Instructor	Date
SME / Instructor	Date
SME / Instructor	Date

## **Revision Record (Summary)**

**Revision 00,** Created from Dresden JPM A-N-5-S used on their ILT 1101 (2012-301) NRC Exam.

### SIMULATOR SETUP INSTRUCTIONS

1. Place the gaitronics label on all working gaitronics devices (normally 2 devices).

U2 Heater Bays, Turbine Shield Wall, DW, and the 1/2B SBGTS area are not or have not been verified audible and are considered non-functional.

Emergency notifications in affected areas require Security support with bullhorns (if occupied). Ref QCOS 900-04 and related IRs.

2. Ensure the Station Emergency Siren is accessible (behind 901-55)
3. Override the evacuation siren start pushbutton as default to prevent the audible siren using **ior dihs04140esta default**
4. No other simulator setup is required.



SRO admin 5.cae



SRO Admin 5  
EP-AA-112-F-09, Rev



SRO JPM 5 gaitronics  
label.doc



SRO Admin 5 original  
JPM from Dresden.pdf

## INITIAL CONDITIONS

- This is a time critical JPM.
- You are an extra SRO.
- Unit 2 is operating at near rated power.
- Unit 1 is operating at near rated power and had just completed power ascension from a refuel outage that ended 5 days ago.
- A security event has occurred.
- A hostile force has taken control of the Spent Fuel Pool cooling systems on Unit 1 and damaged the system.
- The Security Department has notified the Control Room that personnel movement is discouraged.
- Personnel are staging equipment in the 1/2B SBGTS area.
- 5 minutes ago the Shift Manager has declared a GENERAL EMERGENCY.

## INITIATING CUE

The Shift Manager has directed you to make the plant announcements per EP-AA-112-F-09 within 15 minutes of event classification to protect on-site personnel.

Notify the Shift Manager of the completion time for the plant announcements.

**{When candidate acknowledges the cue, provide the candidate with a copy of procedure EP-AA-112-F-09}**

Fill in the JPM Start Time when the student acknowledges the Initiating Cue.

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### Information For Evaluator's Use:

UNSAT requires written comments on respective step.

- \* Denotes critical steps.
- Brackets the critical portion of the critical steps

Number any comments in the "Comment Number" column on the following pages. Then annotate that comment in the "Comments" section. The comment section should be used to document: the reason that a step is marked as unsatisfactory, marginal performance relating to management expectations, or problems the examinee had while performing the JPM. Comments relating to procedural or equipment issues should be entered and tracked using the site's appropriate tracking system.

Some operations that are performed from outside of the control room may require multiple steps. These items may be listed as individual steps in this JPM. It is acceptable for the candidate to direct the local operator to perform groups of procedure steps instead of calling for each individual item to be performed.

The timeclock starts when the candidate acknowledges the initiating cue.

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JPM Start Time: \_\_\_\_\_

<u>STEP</u>	<u>ELEMENT</u>	<u>STANDARD</u>	SAT	UNSAT	Comment Number
Note	In the following step, the siren has been deactivated per the setup.				
4.1	If applicable, sound the Station Emergency Alarm or equivalent prior to making announcements.	Using the "Plant Siren" panel behind panel 901-55, presses the "Evacuation Siren" start pushbutton.  May press the "stop" button to interrupt the 2-minute sequence early based on need to inform personnel to remain in their present location.	—	—	—
Note	In the following steps, making an announcement that personnel are to remain in their present location until further notice is critical. The "brief description" is NOT critical.				
	Candidate proceeds to the public address microphone located at the center desk or ANSO desk	Locates public address microphone and "keys" the microphone	—	—	—
*4.2.A	<b>PERFORM</b> one of the following: A. If a Security Event is in progress and personnel movement is discouraged, <b>then</b> ● <b>MAKE</b> the following Public Address system announcements●: "Attention ALL personnel. A General Emergency has been declared due to (Brief Description). ●All personnel remain in present location until further notice●."	Makes the stated announcement and adds in a brief description such as "a hostile on-site force".	—	—	—
4.2.A	<b>Repeat</b> the announcement	Repeats the announcement prior to the time critical time of 10 minutes	—	—	—
Note	In the following step, the 1/2B SBGTS area is occupied (per the cue) and have non-functional PA speakers.				

<b><u>STEP</u></b>	<b><u>ELEMENT</u></b>	<b><u>STANDARD</u></b>	<b>SAT</b>	<b>UNSAT</b>	<b>Comment Number</b>
*QCOS 9000-04 comp action	●Contacts Security to warn personnel in affected areas using bullhorns. ●	Calls security and directs them to notify personnel in occupied areas with non-functional PA speakers.	—	—	—
CUE	As Security, acknowledge the direction.				
Note	Record the time contacting security was completed _____ The second announcement and contacting security must be completed within 10 minutes of the JPM start time to meet the EP-AA-112-F-09 time obligation of making the plant announcement within 15 minutes of event declaration.				
	Informs the Shift Manager of the completion times for the announcements	Informs the Shift Manager of the completion times for the announcements	—	—	—
CUE	As the Shift Manager, acknowledge the reports.				
Note	The candidate will inform you the JPM is complete.				

JPM Stop Time: \_\_\_\_\_  
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### JPM SUMMARY

**Operator's Name:** \_\_\_\_\_ **Job Title:** ☐ EO ☐ RO ☒ SRO ☐ FS  
☐ STA/IA ☐ SRO Cert

JPM Title: INITIATE AN EMERGENCY PA ANNOUNCEMENT FOR  
ASSEMBLY/ACCOUNTABILITY

JPM Number: 2014 ILT NRC JPM SRO Admin 5 Revision Number: 00

Task Number and Title: Describe the responsibilities of the Shift Emergency Director to include  
F. Personnel assembly, accountability, and evacuation of non-essential  
personnel

K/A Number and Importance: **K/A** 2.4.43 **Rating:** 3.8 (SRO)

Knowledge of emergency communications systems and techniques

Suggested Testing Environment: Simulator

Alternate Path: ☐ Yes ☒ No SRO Only: ☒ Yes ☐ No Time Critical: ☒ Yes ☐ No

Reference(s): EP-AA-112-F-09, Rev D, EMERGENCY PUBLIC ADDRESS  
ANNOUNCEMENTS

**Actual Testing Environment:** ☒ Simulator ☐ Control Room ☐ In-Plant ☐ Other

**Testing Method:** ☐ Simulate ☒ Perform

Estimated Time to Complete: 08 minutes

**Actual Time Used:** \_\_\_\_\_ minutes

#### EVALUATION SUMMARY:

Were all the Critical Elements performed satisfactorily? ☐ Yes ☐ No

The operator's performance was evaluated against standards  
contained within this JPM and has been determined to be: ☐ Satisfactory ☐ Unsatisfactory

**Comments:** \_\_\_\_\_  
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**Evaluator's Name:** \_\_\_\_\_ (Print)

**Evaluator's Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

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