

NRC REGION III
INITIAL LICENSE EXAM
JOB PERFORMANCE MEASURE

JPM: RO ADMIN 4

**TITLE: OBTAIN METEOROLOGICAL DATA FOR
EMERGENCY NOTIFICATION FORM**

CANDIDATE: _____

EXAMINER: _____

JOB PERFORMANCE MEASURE
DATA PAGE

Task: Obtain Meteorological Data for Emergency Notification Form

Alternate Path: N/A

Facility JPM #: JPM RO-A.4 (ILT 2005 Cert)

K/A: 2.4.39 Importance: RO: 3.9

K/A Statement: Knowledge of RO responsibilities in emergency plan implementation

Task Standard: EI-6.7, Attachment 1, completed with correct data obtained.

Preferred Evaluation Location: Simulator In Plant

Preferred Evaluation Method: Perform Simulate

References: EI-3.0, Communications and Notifications
EI-6.0, Offsite Dose Calculation and Recommendations for Protective
Actions
EI-6.7, Plant Site Meteorological System

Validation Time: 5 minutes Time Critical: NO

Candidate: _____

Time Start: _____ Time Finish: _____

Performance Time: _____ minutes

Performance Rating: SAT _____ UNSAT _____

Comments:

Examiner: _____
Signature

Date: _____

EXAMINER COPY ONLY

Tools/Equipment/Procedures Needed:

- EI-6.7, Attachment 1, Rev. 7

Also see **Simulator Operator Instructions** (last page of this document).

READ TO CANDIDATE**DIRECTION TO CANDIDATE:**

I will explain the initial conditions, and state the task to be performed. All control room steps shall be performed for this JPM, including any required communications. I will provide initiating cues and reports on other actions when directed by you. Ensure you indicate to me when you understand your assigned task. To indicate that you have completed your assigned task return the handout sheet I provided you.

Special Note: Assume that all Plant Requirements and Precautions and Limitations have been reviewed and complied with. You are NOT expected, nor are you required to consult the Plant Requirements and Precautions and Limitations section of any procedure for this JPM.

INITIAL CONDITIONS:

The Shift Manager, acting as the Site Emergency Director, has declared an Alert condition. A thunderstorm is in progress.

INITIATING CUES:

The Shift Manager has directed you to obtain Meteorological Data by completing Attachment 1 of EI-6.7, utilizing the Meteorological Data display in the Control Room.

Proc. Step	TASK ELEMENT 1	STANDARD	Grade
n/a	Correct Procedure located	EI-6.7, Attachment 1 located	S U
Comment: Notes: <i>Evaluator provides candidate with a Working Copy.</i>			

EVALUATOR NOTE: EI-6.7 Attachment 1 is completed by referencing steps 5.1.3 and 5.1.4. Due to wind speed and wind direction at 10 meters unavailable, 60 meter data is used.

Proc. Step	TASK ELEMENT 2	STANDARD	Grade
5.1.3	Obtain meteorological data from the PPC, page 351 WS, Wind Speed (WS60) <u>9</u> MPH	On EI-6.7 Att. 1 data recorded as follows: WS, Wind Speed = <u>6.93</u> mph 9 mph X .77 = 6.93 MPH (X) 60 meters, *corrected	S U
Comment: Notes: <i>WS60 must be used. WS60 multiplied by 0.77 to obtain corrected wind speed.</i> CRITICAL STEP			

Proc. Step	TASK ELEMENT 3	STANDARD	Grade
5.1.3	Obtain meteorological data from the PPC, page 351 WD, Wind Direction (WD60) _____°	On EI-6.7 Att. 1 data recorded as follows: WD, Wind Direction = <u>73</u> ° from (X) 60 meters	S U
Comment: Notes: <i>WD60 must be used.</i> CRITICAL STEP			

Proc. Step	TASK ELEMENT 4	STANDARD	Grade
5.1.4	Obtain meteorological data from the PPC, page 351 Stability Class (STAB) _____	On EI-6.7 Att. 1 data recorded as follows: Stability Class = <u>C</u>	S U
<p>Comment:</p> <p>CRITICAL STEP</p>			

Proc. Step	TASK ELEMENT 5	STANDARD	Grade
n/a	EI-6.7, Attachment 1 completed: Date:, Time:, Completed By:	On EI-6.7 Att. 1 data recorded as follows: Date: <u>Today's date</u> Time: <u>Current time</u> Completed By: <u>Operator's name</u>	S U
<p>Comment:</p>			

Proc. Step	TASK ELEMENT 6	STANDARD	Grade
n/a	Notify the CRS that EI-6.7 Attachment 1 completed.	Operator notifies CRS of completion of EI-6.7, Attachment 1.	S U
<p>Comment:</p>			

END OF TASK

CANDIDATE CUE SHEET

(TO BE RETURNED TO EXAMINER TO UPON COMPLETION OF TASK)

Special Note: Assume that all Plant Requirements and Precautions and Limitations have been reviewed and complied with. You are NOT expected, nor are you required to consult the Plant Requirements and Precautions and Limitations section of any procedure for this JPM.

INITIAL CONDITIONS:

The Shift Manager, acting as the Site Emergency Director, has declared an Alert condition. A thunderstorm is in progress.

INITIATING CUES:

The Shift Manager has directed you to obtain Meteorological Data by completing Attachment 1 of EI-6.7, utilizing Meteorological Data display in the Control Room.

SIMULATOR OPERATOR INSTRUCTIONS

1. Reset to IC 79 (ON TAPE DRIVE)
2. MWD10
MWS10

Remove these 2 points from service for this JPM only - then put them back. These MFs will cause a "V" or invalid display from the Met Tower 10 meter height. Candidate will have to use the 60 meter readings and use a conversion factor of 0.77 to obtain appropriate data.

3. Provide a Working Copy of EI-6.7, Att. 1 to evaluator.
4. Turn on PPC monitor in SE office

PLANT SITE METEOROLOGICAL SYSTEM WORKSHEET

1.	WS, Wind Speed = <u>6.93</u> mph	() 10 meters (X) 60 meters, *corrected (See Step 5.1.3 or 5.2.6)
	*Multiply by 0.77 (9 MPH X 0.77 = 6.93 MPH)	

2.	WD, Wind Direction = <u>73</u> ° from	() 10 meters (X) 60 meters (See Step 5.1.3 or 5.2.6)
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		(see Step 5.1.4 or 5.2.7)
3.	Stability Class = <u>C</u>	

Date: TODAY Time: NOW Completed By: JOE OPERATOR

ANSWER KEY ANSWER KEY ANSWER KEY ANSWER KEY ANSWER KEY