


## DISTRIBUTION CONTROL LIST

Document Name: EMER PLAN

CC_NAME	NAME	DEPT	LOCATION
2	EP/TRAINING ADMINISTRATOR	TRAINING (ALL EP'S)	#48
3	RES DEPARTMENT MANAGER	RES (UNIT 3/IPEC ONLY)	45-4-A
4	REFERENCE LIBRARY	REC/TRN(UNT 3/IPEC ONLY)	BLDG/17
9	JOINT NEWS CENTER	EMER PLN (ALL EP'S)	EOF
10	SHIFT MGR. (LUB-001-GEN)	OPS (UNIT 3/IPEC ONLY)	IP3
11	CONTROL ROOM & MASTER	OPS(3PT-D001/6(U3/IPEC)	IP3(ONLY)
14	EOF	E-PLAN (ALL EP'S)	EOF
16	AEOF/A.GROSJEAN(ALL EP'S)	E-PLAN (EOP'S ONLY)	WPO-12D
19	NUC ENGINEERING LIBRARY	DOC (UNIT 3/IPEC ONLY)	WPO/7A
21	TSC	RECORDS	45-3-F
22	RESIDENT INSPECTOR	US NRC(UNIT 3/IPEC ONLY)	45-2-B
23	SILK DAVID	NRC (ALL EP'S)	OFFSITE
24	SILK DAVID	NRC (ALL EP'S)	OFFSITE
25	DOCUMENT CONTROL DESK	NRC (ALL EP'S)	OFFSITE
28	AVRAKOTOS N	J A(UNIT 3/IPEC ONLY)	OFFSITE
29	E-PLAN STAFF	E-PLAN (ALL EP'S)	EOF
30	E-PLAN STAFF	E-PLAN (ALL EP'S)	EOF
31	BARANSKI J(VOLUME I ONLY)	ST. EMERG. MGMT. OFFICE	OFFSITE
32	SUTTON A - (VOLUME I ONLY)	DISASTER & EMERGENCY	WESTCHESTR
33	LONGO N (VOLUME I ONLY)	EMERGENCY SERVICES	ROCKLAND
34	GREENE D (VOLUME I ONLY)	DISASTER & CIVIL DEFENSE	ORANGE
35	RAMPOLLA M(VOLUME I ONLY)	OFFICE OF EMERG MANAGE	PUTNAM
41	SIMULATOR	TRAIN(UNIT 3/IPEC ONLY)	48-2-A
107	QA MANAGER	QA (UNIT 3/IPEC)	K-IP2-4302
319	C.STELLATO(NRQ-OPS TRN)	NRQ (UNIT 3/IPEC ONLY)	#48
354	L.GRANT(LRQ-OPS/TRAIN)	LRQ (UNIT 3/IPEC ONLY)	#48
376	E-PLAN STAFF	E-PLAN (ALL EP'S)	EOF
424	J.CHIUSANO(OPS INSTR)	(UNIT 3/IPEC ONLY)	#48
510	L.GRANT(LRQ-OPS/TRAIN)	LRQ (UNIT 3/IPEC ONLY)	#48
511	L.GRANT(LRQ-OPS/TRAIN)	LRQ (UNIT 3/IPEC ONLY)	#48
512	C.STELLATO(NRQ-OPS TRN)	NRQ (UNIT 3/IPEC ONLY)	#48
513	C.STELLATO(NRQ-OPS TRN)	NRQ (UNIT 3/IPEC ONLY)	#48
517	PLANT MANAGER'S OFFICE	ADMIN/(UNIT 2/IPEC ONLY)	IP2
518	DOCUMENT CONTROL	UNIT 2(UNIT 2/IPEC ONLY)	IP2
520	CONTROL ROOM (UNIT 2)	OPS (UNIT 2 & IPEC ONLY)	IP2
521	SIMULATOR	TRAIN (UNIT 2/IPEC ONLY)	IP2
522	NRC RESIDENT	US NRC(UNIT 2/IPEC ONLY)	IP2
523	ROBERT VOGLE (UNIT 2)	TRAIN/LIB (ALL EP'S)	TODDVILLE
524	JOHN MCCANN (UNIT 2)	NUC SAFETY/LIC(ALL EP'S)	IP2
552	TORRES DAMARIS(MASTER)	DOCUMENTS (EEC BLDG)	IP2

A045


 <b>Entergy</b> <b>IPEC SITE MANAGEMENT MANUAL</b>	<b>QUALITY RELATED ADMINISTRATIVE PROCEDURE</b>	<b>IP-SMM-AD-103</b> <b>Revision 0</b>
	<b>INFORMATIONAL USE</b>	<b>Page      13      of      21</b>

**ATTACHMENT 10.1**

**SMM CONTROLLED DOCUMENT TRANSMITTAL FORM**

**SITE MANAGEMENT MANUAL CONTROLLED DOCUMENT TRANSMITTAL FORM - PROCEDURES**

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 <b>Entergy</b>			
<b>TO: DISTRIBUTION</b>		<b>DATE: 9/24/2003</b>	
		<b>TRANSMITTAL NO: 28631</b>	
(Circle one)			
<b>FROM: IPEC DOCUMENT CONTROL:</b>		<b>PHONE NUMBER: 271-7056</b>	
		<input checked="" type="checkbox"/> <b>EEC</b> or <input type="checkbox"/> <b>IP2 53'EL</b>	
<p>The Document(s) identified below are forwarded for use. In accordance with IP-SMM-AD-103, please review to verify receipt, incorporate the document(s) into your controlled document file, properly disposition superseded, void, or inactive document(s). Sign and return the receipt acknowledgement below within fifteen (15) working days.</p>			
<b>AFFECTED DOCUMENT: EMERGENCY PLANNING</b>			
<b>DOC #</b>	<b>REV #</b>	<b>TITLE</b>	<b>INSTRUCTIONS</b>
<p style="text-align: center; font-size: 1.5em; font-weight: bold;">*****SEE ATTACHED INSTRUCTIONS*****</p> <p style="text-align: center; font-weight: bold;">*****PLEASE NOTE EFFECTIVE DATE*****</p>			
<p>RECEIPT OF THE ABOVE LISTED DOCUMENT(S) IS HEREBY ACKNOWLEDGED. I CERTIFY THAT ALL SUPERSEDED, VOID, OR INACTIVE COPIES OF THE ABOVE LISTED DOCUMENT(S) IN MY POSSESSION HAVE BEEN REMOVED FROM USE AND ALL UPDATES HAVE BEEN PERFORMED IN ACCORDANCE WITH EFFECTIVE DATE(S) (IF APPLICABLE) AS SHOWN ON THE DOCUMENT(S).</p>			
<b>NAME (PRINT)</b>	<b>SIGNATURE</b>	<b>DATE</b>	<div style="text-align: right;"> <b>CC#</b>  <div style="font-size: 1.5em; font-weight: bold;">25</div> </div>

**TO: Nuclear Regulatory Commission**

#25

#28631

**FROM: IPEC Emergency Planning**

**SUBJECT: Emergency Planning Document Update**

**Date: 09/19/03**

Please update your controlled copy of the documents listed below as specified with the copy(s) attached.

Document #	Document Name	New Rev. #/ Date	Old Rev. #/ Date	Instructions
Unit 3 Vol. II	Emergency Plan Implementing Procedures			
TOC	Unit 3 Volume II	9/18/03	7/03	Replace old with new
IP-2003	CR Watch Chemist	Rev. 7 9/18/03	Rev. 6 7/02	Replace old with new

ENTERGY NUCLEAR NORTHEAST  
INDIAN POINT NO. 3 NUCLEAR POWER PLANT  
EMERGENCY PLAN - VOLUME II  
EMERGENCY RESPONSE ACTIVATION

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IC/EAL'S INITIATING CONDITIONS AND EMERGENCY ACTION LEVELS	9	-	07/02
<u>CONTROL ROOM</u>			
IP-2000 Emergency Activation of the Control Room (CR)	4	-	09/98
IP-2001 Emergency Director (ED), Plant Operations Manager (POM), Shift Manager (SM) Procedure	18	-	05/03
IP-2002 CR Health Physics Technician	3	-	02/99
IP-2003 CR Watch Chemist	7	-	09/03
IP-2004 CR Clerk	3	-	09/00
IP-2005 CR Offsite Communicator	VOID	N/A	06/01
IP-2006 CR Direct-Line Communicator	4	-	10/99
<u>TECHNICAL SUPPORT CENTER (TSC)</u>			
IP-2100 Emergency Activation of the Technical Support Center (TSC)	4	-	11/00
IP-2101 Technical Support Center (TSC) Manager	9	-	02/01
IP-2102 TSC Communicator(s)	3	-	12/98
IP-2103 TSC SPDS Computer Operator	4	-	08/99
IP-2104 TSC Video Operator	2	-	06/01
IP-2105 TSC Accountability Officer	VOID	-	N/A
IP-2106 TSC Clerk	5	-	06/99
<u>OPERATIONS SUPPORT CENTER (OSC)</u>			
IP-2200 Emergency Activation of the Operations Support Center (OSC)	7	-	8/02
IP-2201 Operations Support Center (OSC) Manager	10	-	07/03
IP-2202 OSC Direct-Line Communicator	2	-	12/98
IP-2203 OSC Dispatcher	3	-	07/02
IP-2204 OSC Team Leaders	4	-	07/03
IP-2205 OSC H.P. Team Leader	9	-	07/03
IP-2206 OSC Accountability Officer	VOID	-	N/A
IP-2207 OSC Clerk	5	-	06/99
IP-2208 OSC Security Team Leader	4	-	03/02
IP-2209 OSC H.P. Technician	5	-	12/02
IP-2210 OSC Dosimetry Technician	3	-	06/98
IP-2211 OSC Chemistry Team Leader	2	-	03/00

ENTERGY NUCLEAR NORTHEAST  
INDIAN POINT NO. 3 NUCLEAR POWER PLANT  
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<u>EMERGENCY OPERATIONS FACILITY (EOF)</u>	<u>REV. # / DATE</u>
IP-2300 Emergency Activation of the Emergency Operations Facility (EOF) Replaced by IP-EP-250	VOID - N/A
IP-2301 Emergency Director Replaced by IP-EP-255	VOID - N/A
IP-2302 EOF Technical Advisor and Information Liaison Replaced by IP-EP-250	VOID - N/A
IP-2303 EOF Radiological Assessment Team Leader (RATL) Replaced by IP-EP-250	VOID - N/A
IP-2304 EOF Dose Assessment Health Physicist Replaced by IP-EP-250	VOID - N/A
IP-2305 EOF MIDAS Operator Replaced by IP-EP-250	VOID - N/A
IP-2306 EOF Security Officer Replaced by IP-EP-250	VOID - N/A
IP-2307 EOF Clerk Replaced by IP-EP-250	VOID - N/A
IP-2308 EOF Direct-Line Communicator Replaced by IP-EP-250	VOID - N/A
IP-2309 EOF Offsite Communicator Replaced by IP-EP-250	VOID - N/A
IP-2310 EOF Onsite Radiological Communicator Replaced by IP-EP-250	VOID - N/A
IP-2311 EOF Offsite Radiological Communicator	VOID - N/A
IP-2312 EOF Public Relations Liaison	VOID - N/A
IP-2313 EOF Public Relations Technical Advisor	VOID - N/A
IP-2314 EOF Radiological Assessment Monitor	VOID - N/A
<u>ALTERNATE EMERGENCY OPERATIONS FACILITY (AEOF)</u>	
IP-2400 Emergency Activation of the Alternate Emergency Operations Facility (AEOF) Replaced by IP-EP-251	VOID - N/A
<u>SECURITY ACTIVATION</u>	
IP-2500 Security Emergency Activation Responsibilities	13 - 07/03
<u>RECOVERY/TERMINATION</u>	
IP-2600 Emergency Termination and Transition to Recovery Replaced by IP-EP-610	VOID - N/A
IP-2601 Recovery Manager Replaced by IP-EP-610	VOID - N/A
IP-2602 Development of a Recovery Action Plan Replaced by IP-EP-610	VOID - N/A
IP-2603 Recovery Support Group Manager	1 - 07/02
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ENTERGY NUCLEAR NORTHEAST  
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APPENDIX 'A'	-	ROSTER I	Void
		Replaced by IPEC ETD	
		ROSTER II	Void
		Replaced by IPEC ETD	
		ROSTER III	Void
		No longer used for Emergency Response Activities	
APPENDIX 'B'	-	Emergency Offsite Telephone List	Void
		Replaced by IPEC ETD	
APPENDIX 'C'	-	Emergency Response Facility Telephone List	Void
		Replaced by IPEC ETD	

NEW YORK POWER AUTHORITY  
INDIAN POINT NO. 3 NUCLEAR POWER PLANT  
EMERGENCY PLAN - VOLUME II  
EMERGENCY RESPONSE ACTIVATION

LIST OF ATTACHMENTS

- IP-2000    Emergency Activation of the Control Room (CCR)  
          5.1    CCR Setup  
          5.2\*   CCR Floor plan
- IP-2001    Emergency Director (ED), Plant Operations Manager (POM),  
          Shift Supervisor (SS) Procedure  
          5.1\*   Notification of Unusual Event Classification Flowchart  
          5.2\*   Alert Classification Flowchart  
          5.3\*   Site Area Emergency Classification Flowchart  
          5.4\*   General Emergency Classification Flowchart  
          5.5    Emergency Director Turnover Checklist  
          5.6    Relocation to AEOF Checklist
- IP-2005    CCR Offsite Communicator  
          5.1\*   Offsite Communications System Diagram
- IP-2006    CCR Direct Line Communicator  
          5.1\*   Communications System Diagram
- IP-2100    Emergency Activation of the Technical Support Center (TSC)  
          5.1    TSC Setup  
          5.2\*   TSC Floor plan
- IP-2102    TSC Communicator(s)  
          5.1\*   Communications System Diagram
- IP-2103    TSC SPDS Computer Operator  
          5.1    Accessing and Using SPDS
- IP-2104    TSC Video Operator  
          5.1    Video Cameras
- IP-2200    Emergency Activation of the Operations Support Center (OSC)  
          5.1    OSC Setup  
          5.2\*   OSC Floor plan
- IP-2202    OSC Direct Line Communicator  
          5.1\*   Communications System Diagram

NEW YORK POWER AUTHORITY  
INDIAN POINT NO. 3 NUCLEAR POWER PLANT  
EMERGENCY PLAN - VOLUME II  
EMERGENCY RESPONSE ACTIVATION

LIST OF ATTACHMENTS, Continued

- IP-2203    OSC Dispatcher  
          5.1    OSC Area Communication Setup and Operations
- IP-2205    OSC H.P. Team Leader  
          5.1    Post-Accident Emergency Entry Brief,  
                  Dress and Undress Sequences
- IP-2209    OSC H.P. Technician  
          5.1\*    Figure 1    Survey Map  
          5.2    OSC/TSC Interlocking doors
- IP-2300    Emergency Activation of the Emergency Operations Facility (EOF)  
          5.1    EOF Setup  
          5.2\*    EOF Floor plan
- IP-2301    Emergency Director  
          5.1    Emergency Director Turnover Checklist  
          5.2    Relocation to AEOF Checklist
- IP-2302    EOF Technical Advisor  
          5.1    Accessing and Using SPDS
- IP-2307    EOF Clerks  
          5.1    Processing EP-Forms Part I and Part II  
          5.2    Processing EP-Forms #31a, #31b and #31c
- IP-2308    Direct Line Communicator  
          5.1\*    Communications System Diagram
- IP-2309    EOF Offsite Communicator  
          5.1\*    Offsite Communications System Diagram  
          5.2    AEOF Preparatory Actions



IP-2314 EOF Radiological Assessment Monitor  
5.1\* EOF Floor plan  
5.2 EOF Halon System

NEW YORK POWER AUTHORITY  
INDIAN POINT NO. 3 NUCLEAR POWER PLANT  
EMERGENCY PLAN - VOLUME II  
EMERGENCY RESPONSE ACTIVATION

LIST OF ATTACHMENTS, Continued

- IP-2400    Emergency Activation of the Alternate Emergency Operations  
          Center (AEOF)  
          5.1    AEOF Setup  
          5.2\*   AEOF Floor plan  
          5.3    Instructions for White Plains Telephones  
          5.4    Instructions for AEOF Radios
- IP-2500    Security Emergency Activation Responsibilities  
          5.1\*   Notification of Unusual Event Security Flowchart  
          5.2\*   Alert Security Flowchart  
          5.3\*   Site Area Emergency Security Flowchart  
          5.4\*   General Emergency Security Flowchart  
          5.5\*   Offsite Monitor Notification Security CAS Flowchart  
          5.6\*   Notification Testing Security CAS Flowchart  
          5.7\*   Notifications for IP-2 Events  
          5.8\*   Notifications for Security Events
- IP-2600    Emergency Termination and Transition to Recovery  
          5.1\*   Criteria for Emergency Termination  
          5.2\*   Emergency Director Turnover to Recovery  
                  Manager Checklist

\*     *Indicates that this Attachment is a Drawing, not text.*



CONTROLLED COPY #:

25

EMERGENCY PLAN PROCEDURES

PROCEDURE NO. IP-2003

REV. 7

TITLE: CR Watch Chemist

THIS PROCEDURE IS TSR ☒

THIS PROCEDURE IS NOT TSR ☐

WRITTEN BY: Dana Weaver 9/17/03  
SIGNATURE/DATE

REVIEWED BY: Michael L. Muel 9/18/03  
SIGNATURE/DATE

APPROVED BY: James D. Smith 9/18/03  
SIGNATURE/DATE

EFFECTIVE DATE: 9/22/03

PROCEDURE USE IS  
REFERENCE

**CR WATCH CHEMIST**

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## **CR WATCH CHEMIST**

### **1.0 PURPOSE**

- 1.1 This procedure provides instruction to the Watch Chemistry in the Control Room or Simulator for performing Dose Assessment calculations.

### **2.0 RESPONSIBILITIES**

- 2.1 Watch Chemists are responsible for Dose Assessment calculations, while the EOF is being staffed and/or while the EOF is being transferred to the AEOF.
- 2.2 The Watch Chemist position is a normal on-duty staff position, See E-Plan Volume II, Appendix A for current staffing.

### **3.0 REFERENCES**

- 3.1 E-Plan, Volume I, Section 5.0, "Organizational Control of Emergencies"
- 3.2 EP Form, #4, "Control Room Emergency Staffing Chart"
- 3.3 Form EP-1, Part I, "NYS Radiological Emergency Data Form"
- 3.4 Form EP-2, Part II, "NYS Radiological Emergency Data Form"
- 3.5 IP-EP-310, "Dose Assessment"
- 3.6 IP-EP-410, "Protective Action Recommendations"
- 3.7 IP-2000, "Emergency Activation of the Control Room"
- 3.8 IP-EP-510, "Meteorological, Radiological and Plant Data Acquisition System"

### **4.0 PROCEDURE**

#### **NOTE**

Initial the blank lines upon completion of the designated step

- 4.1 Card in if appropriate for accountability. \_\_\_\_\_
- 4.2 Obtain the Watch Chemist E-Plan position book. \_\_\_\_\_
- 4.3 Get a turnover on the event from the Control Room crew to determine if a release is in progress and if so determine the release point (document on Event Log Sheets located in the position book). \_\_\_\_\_

4.4 Synchronize your time with the CR flight panel clock or remove watch.

4.5 Using the PC at the STA location, sign on (using your personal ENN sign-on) and open the desktop E-Plan Folder.

4.6 Obtain Met tower data using one of the following methods:

- Control Room meteorological display panel.
- Unit-2 Control Room meteorological display panel (phone 9-734-5294).
- From the desktop E-Plan folder, double click on Connect to Met Tower. Login as CCREOF and hit enter (Time will be displayed in Eastern Standard Time and wind speed will be in mph [mph x .447 = meter/sec]).
- For any other back-up method refer to IP-EP-510, "Meteorological, Radiological and Plant Data Acquisition System".

4.7 Determine whether or not the release is greater than the IPEC Effluent Technical Specifications by one of the following methods.

- IP-2003, Computer program (From the desktop E-Plan folder and double click on the E-Plan IP-2003 icon) or access IP-2003 via the 3 ½ Floppy disk in the Watch Chemist E-Plan position book.
- IP-EP-510, "Meteorological, Radiological and Plant Data Acquisition System".
- The following table:

Release Point	Rad Monitor	Tech Spec Release Rate Setpoint
Plant Vent uCi/sec	R-27	60,000 uCi/sec NG or 20 uCi/sec Iodine
Plant Vent uCi/cc	R-44 (U2) / R-14 (U3)	2E-3 uCi/cc
SG Safety or Atmospheric	Main Steam Line Mons	If there is ANY identified Pri to Sec Leak, the Iodine Tech Spec release rate limit is exceeded if a Safety or Atmospheric valve opens.
Hole in the VC	R-25/26	1 R/hr

- IF an unmonitored release path exists, THEN estimate the release rate and in BLOCK 6 of Form EP-1 Part I, circle "D"

4.8 Determine the magnitude of the release using one of the following:

- IP-2003, Computer program (From the desktop E-Plan folder and double click on the E-Plan IP-2003 icon) or access IP-2003 via the 3 ½ Floppy disk in the Watch Chemist E-Plan position book.
- IP-EP-310, "Dose Assessment" and IP-EP-410, "Protective Action Recommendations".

4.9 **IF there is no release due to the event AND A General Emergency has not been declared, THEN record the following on Form EP-1 Part I, "NYS Radiological Emergency Data Form" within 15 minutes of the initial E-Plan classification or classification change(s) and every 30 minutes thereafter.**

- In BLOCK 6, circle "A" and record "A" in the box.
- In BLOCK 7, circle "A" and record "A" in the box.
- In BLOCK 11, enter wind speed and elevation (10 meters) from Step 4.6.
- In BLOCK 12, enter wind direction & elevation (10 meters) from Step 4.6.
- In BLOCK 13, circle stability class and record letter in box per Step 4.6.
- Provide Form EP-1 Part I to the ED for review.
- After the ED has reviewed the Form EP-1 Part I, provide the form to the clerk for faxing.

4.10 **IF there is a release due to the event that is below IPEC Tech Spec (< 60,000  $\mu$ Ci/sec NG and < 20 uCi/sec Iodine) AND the site boundary doses are below Protective Action Recommendations (< 1 Rem whole body {TEDE} and < 5 Rem thyroid {TODE}) AND A General Emergency has not been declared, THEN record the following on Form EP-1 Part I, "NYS Radiological Emergency Data Form" within 15 minutes of the initial E-Plan classification or E-Plan classification change(s) and every 30 minutes thereafter.**

- In BLOCK 6, circle "B" and determine if the release is to the atmosphere or water and check the appropriate box record "B" in the box.
- In BLOCK 7, circle "A" and record "A" in the box.
- In BLOCK 11, enter wind speed and elevation (10 meters) from Step 4.6.
- In BLOCK 12, enter wind direction from and elevation (10 meters) from Step 4.6.



- In BLOCK 13, circle the stability class and record the letter in the box from Step 4.6.
- Provide Form EP-1 Part I to the ED for review.
- After the ED has reviewed the Form EP-1 Part I, provide the form to the clerk for faxing.

**4.11 IF there is a release due to the event that is above IPEC Tech Spec (>60000 uCi/sec NG or 20 uCi/sec Iodine) AND Site Boundary Doses are below Protective Action Recommendations (< 1 Rem whole body {TEDE} and < 5 Rem thyroid {TODE}) AND a General Emergency has not been declared, THEN record the following on Form EP-1 Part I and Form EP-2 Part II, "NYS Radiological Emergency Data Forms" within 15 minutes of the initial E-plan classification or E-plan classification change(s) and every 30 minutes thereafter. Fill out Form EP-1 Part I as follows:**

- In BLOCK 6, circle "C" and determine if the release is to the atmosphere or water and check the appropriate box record "C" in the box.
- In BLOCK 7, circle "A" and record "A" in the box.
- In BLOCK 11, enter wind speed and elevation (10 meters) from Step 4.6
- In BLOCK 12, enter wind direction from and elevation (10 meters) from Step 4.6.
- In BLOCK 13, circle the stability class and record the letter in the box from Step 4.6.

**4.11.1 Fill out Form EP-2 Part II as follows:**

- In BLOCKS 16, 17, 18, and 19 fill out the known data in the appropriate spaces per the Dose Assessment program. Fill in N/A for the results/data that are unknown.

**4.11.2 Provide Form EP-1 Part I and Form EP-2 Part II to the ED for review.**

**4.11.3 After the ED has reviewed the Form EP-1 Part I and Form EP-2 Part II, provide the form to the clerk for faxing.**

**4.12 IF A General Emergency is declared OR Site Boundary Doses are above Protective Action Recommendations ( $\geq 1$  Rem whole body {TEDE} or  $\geq 5$  Rem thyroid {TODE}), THEN record the following on Form EP-1 Part I and Form EP-2 Part II, "NYS Radiological Emergency Data Forms" within 15 minutes of the initial E-plan classification or E-plan classification change(s) and every 30 minutes thereafter.**

**4.12.1 Fill out Form EP-1 Part I as follows:**

- In BLOCK 6, circle the appropriate letter, which corresponds to the type of release in progress and record that letter in the box.
- In BLOCK 7, circle "B and C" and record "B" and "C" in the box. In section "B" circle the appropriate ERPA's per the IP-2003 computer program or applicable E-Plan procedures, IP-EP-510, "Meteorological, Radiological and Plant Data Acquisition System."
- In BLOCK 11, enter wind speed and elevation (10 meters) from Step 4.6.
- In BLOCK 12, enter wind direction from and elevation (10 meters) from Step 4.6.
- In BLOCK 13, circle the stability class and record the letter in the box from Step 4.6.

**4.12.2 Fill out Form EP-2 Part II as follows:**

- In BLOCKS 16, 17, 18, and 19 fill out the known data in the appropriate spaces per the Dose Assessment program. Fill in N/A for the results/data that are unknown.

**4.12.3 Provide Form EP-1 Part I and Form EP-2 Part II to the ED for review.**

**4.12.4 After the ED has reviewed the Form EP-1 Part I and Form EP-2 Part II, provide the forms to the clerk for faxing.**

**4.13 Ensure you are signed in on EP-Form #4, "Control Room Emergency Staff Chart".**

**4.14 Display the plume direction on the 10-mile map using the plume overlay.**

- 4.15 Recalculate the Dose Assessment as necessary based on changes in release rate or Met data and re-evaluate the PARs as necessary. \_\_\_\_\_
- 4.16 Update the ED of any changes that could affect the release rate, dose assessment calculation or PARs. \_\_\_\_\_

END OF TEXT