

INDEX OF
EMERGENCY PLAN IMPLEMENTING PROCEDURES
SURRY POWER STATION
UNITS 1 AND 2

REVISED INDEXES

A revised index was distributed on the following dates. This revision sheet will serve as proof of date distributions of indexes were made.

Date of Revised Indexes

02-12-85

Initials

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EMERGENCY PLAN IMPLEMENTING PROCEDURES INDEX

<u>EPIP NUMBER</u>	<u>TITLE</u>	<u>LATEST REVISION DATE</u>
EPIP-1.01	Emergency Manager Controlling Procedure	04-22-87
EPIP-1.02	Response to Notification of Unusual Event	04-22-87
EPIP-1.03	Response to Alert	10-01-87
EPIP-1.04	Response to Site Area Emergency	10-01-87
EPIP-1.05	Response to General Emergency	10-01-87
EPIP-2.01	Notification of State and Local Governments	06-08-87
EPIP-2.02	Notification of NRC	09-23-86
EPIP-3.01	Callout of Emergency Response Personnel	08-28-86
EPIP-3.02	Activation of Technical Support Center	10-01-87
EPIP-3.03	Activation of Operational Support Center	08-31-87
EPIP-3.04	Activation of Local Emergency Operations Facility	09-19-86
EPIP-4.01	Radiological Assessment Director Controlling Procedure	08-13-85
EPIP-4.02	Radiation Protection Supervisor Controlling Procedure	10-23-84
EPIP-4.03	Dose Assessment Controlling Procedure	04-03-86
EPIP-4.04	Emergency Personnel Radiation Exposure	12-03-85
EPIP-4.05	Respiratory Protection	05-21-85
EPIP-4.06	Personnel Monitoring and Decontamination	10-01-87
EPIP-4.07	Protective Measures	09-10-85
EPIP-4.08	Initial Offsite Release Assessment	10-01-85
EPIP-4.09	Source Term Assessment	10-01-85
EPIP-4.10	Determination of X/Q	02-09-87
EPIP-4.11	Follow-Up Offsite Release Assessment	06-17-86
EPIP-4.12	Offsite Environmental Monitoring Instructions	09-23-83
EPIP-4.13	Offsite Release Assessment with Environmental Data	09-23-83
EPIP-4.14	In-Plant Monitoring	10-01-87

EMERGENCY PLAN IMPLEMENTING PROCEDURES INDEX

<u>EPIP NUMBER</u>	<u>TITLE</u>	<u>LATEST REVISION DATE</u>
EPIP-4.15	Onsite Monitoring	10-01-87
EPIP-4.16	Offsite Monitoring	10-01-87
EPIP-4.17	Monitoring of OSC and TSC	10-02-87
EPIP-4.18	Monitoring of LEOF	10-02-87
EPIP-4.19	Radio Operations for Health Physics Monitoring	10-01-85
EPIP-4.20	Health Physics Actions for Transport of Contaminated Injured Personnel	10-02-87
EPIP-4.21	Evacuation and Remote Assembly Area Monitoring	08-15-83
EPIP-4.22	Post Accident Sampling of Containment Air	09-23-86
EPIP-4.23	Post Accident Sampling of Reactor Coolant	09-23-86
EPIP-4.24	Gaseous Effluent Sampling During an Emergency	05-31-84
EPIP-4.25	Liquid Effluent Sampling During an Emergency	07-29-82
EPIP-4.26	High Activity Sample Analysis	03-29-84
EPIP-4.27	Dose Control Emergency Response	11-06-84
EPIP-4.28	Class "A" Dose Calculation Model	10-29-86
EPIP-4.29	TSC/LEOF Radiation Monitoring System	09-29-86
EPIP-5.01	Transportation of Contaminated Injured Personnel	09-17-87
EPIP-5.02	Search and Rescue	04-16-85
EPIP-5.03	Personnel Accountability	09-17-87
EPIP-5.04	Access Control	12-03-85
EPIP-5.05	Site Evacuation	04-30-85
EPIP-5.06	Emergency Radiation Exposure Authorization	05-21-85
EPIP-5.07	Administration of Radioprotective Drugs	04-03-86
EPIP-5.08	Damage Control Guideline	08-31-87
EPIP-6.01	Re-entry/Recovery Guideline	04-22-87

**VIRGINIA POWER
SURRY POWER STATION
EMERGENCY PLAN IMPLEMENTING PROCEDURE**

NUMBER EPIP-2.01	PROCEDURE TITLE NOTIFICATION OF STATE AND LOCAL GOVERNMENTS (With 2 Attachments)	REVISION 13
		PAGE 1 of 17

PURPOSE

1. To initially notify state and local governments of the declaration of an emergency;
- AND
2. To provide periodic status updates to state and local governments during an emergency;
- AND
3. To notify state and local governments of any change in emergency status.

USER

Emergency Communicator or Station Emergency Manager.

ENTRY CONDITIONS

Any one of the following:

1. Emergency is declared;
- OR
2. Approximately 30 minutes have passed since last notification;
- OR
3. The status of any notification item has changed;
- OR
4. Entry directed by Station Emergency Manager.

REVISION RECORD

REV. 07	PAGE(S): 11 of 17	DATE: 03-15-84
REV. 08	PAGE(S): Att. 1, Att. 2	DATE: 09-11-84
REV. 09	PAGE(S): 1, 2, 5, 6 through 18	DATE: 02-14-85
REV. 10	PAGE(S): Entire Procedure	DATE: 01-07-86
REV. 11	PAGE(S): 2 and 12 of 18	DATE: 04-18-86
REV. 12	PAGE(S): Entire Procedure	DATE: 09-23-86
REV. 13	PAGE(S): 2,8, and 11 of 17	DATE: JUN 0 8 1987

APPROVAL RECOMMENDED

John B. Costello

SNSOC REVIEW

[Signature]

DATE

6-8-87

QA REVIEW NOTED MFB

[Signature]

STATION MANAGER APPROVAL

RF Sauer

DATE

6-8-87

NUMBER EPIP-2.01	PROCEDURE TITLE NOTIFICATION OF STATE AND LOCAL GOVERNMENTS	REVISION 13
		PAGE 2 of 17

STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED
<p>NOTE: The <u>initial</u> notification of an emergency <u>must</u> be made within 15 minutes following declaration of the emergency.</p> <p>Follow-up reports of emergency conditions should be provided to state and local governments approximately every 30 minutes or when there are changes in emergency conditions, unless otherwise agreed upon with the State.</p> <p>A termination report must always be transmitted following the close-out of the event.</p>		
1.	INITIATE PROCEDURE: a) INITIATED BY: _____ TIME: _____ DATE: _____	
2.	OBTAIN EMERGENCY REPORT FORM: a) <u>Attachment 1, Report of Emergency to State and Local Governments</u> , located at back of this procedure	
3.	OBTAIN EMERGENCY STATUS INFORMATION: a) Obtain information from status board b) Record in Items <u>1</u> thru <u>6</u> of Attachment <u>1</u>	a) Obtain from Station Emergency Manager.
<p>NOTE: Wind direction is always given as the compass point, <u>NOT</u> the degrees, the wind is blowing <u>from</u>. Example: Wind direction is from the East North East (ENE).</p>		

<p>NUMBER EPIP-2.01</p>	<p>PROCEDURE TITLE NOTIFICATION OF STATE AND LOCAL GOVERNMENTS</p>	<p>REVISION 13</p>
		<p>PAGE 3 of 17</p>

<p>STEP</p>	<p>ACTION/EXPECTED RESPONSE</p>	<p>RESPONSE NOT OBTAINED</p>
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4. DETERMINE WIND DIRECTION:

- | | |
|--|---|
| <p>a) <u>IF</u> in Control Room, obtain from Met. Panel</p> <p>b) Read wind direction degrees from "CH.A - Wind Direction Upper" recorder.</p> <p>c) Use wind direction degrees <u>AND</u> Table 1 to determine compass point wind is blowing from</p> | <p>a) Request data from Control Room.</p> <p>b) Read "CH.A Wind Direction Backup" recorder.</p> |
|--|---|

TABLE 1

<u>DEGREES</u>		<u>COMPASS POINT</u>		<u>DEGREES</u>		<u>COMPASS POINT</u>		<u>DEGREES</u>		<u>COMPASS POINT</u>
0-11	=	N		170-191	=	S		350-371	=	N
12-34	=	NNE		192-214	=	SSW		372-394	=	NNE
35-56	=	NE		215-236	=	SW		395-416	=	NE
57-79	=	ENE		237-259	=	WSW		417-439	=	ENE
80-101	=	E		260-281	=	W		440-461	=	E
102-124	=	ESE		282-304	=	WNW		462-484	=	ESE
125-146	=	SE		305-326	=	NW		485-506	=	SE
147-169	=	SSE		327-349	=	NNW		507-529	=	SSE
								530-540	=	S

- d) Record compass point in item 7 of Attachment 1

NUMBER EPIP-2.01	PROCEDURE TITLE NOTIFICATION OF STATE AND LOCAL GOVERNMENTS	REVISION 13
		PAGE 4 of 17

STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED
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5. DETERMINE WIND SPEED:

- | | |
|--|---|
| <p>a) <u>IF</u> in Control Room, obtain from Met. Panel</p> <p>b) Read wind speed from "CH.A - Wind Speed Upper" recorder</p> <p>c) Record wind speed in item <u>7</u> of Attachment <u>1</u>.</p> | <p>a) Request data from Control Room.</p> <p>b) Read "CH.A - Wind Speed Backup" recorder.</p> |
|--|---|

6. DETERMINE STABILITY CLASS:

- | | |
|---|---|
| <p>a) <u>IF</u> in Control Room, obtain from Met. Panel</p> <p>b) Read Delta T from "CH.A - Delta T Upper/Lower" recorder</p> | <p>a) Request data from Control Room.</p> <p>b) Read Sigma "CH.B - Sigma Theta" recorder.</p> |
|---|---|

AND

Use Table 2 to determine stability class

AND

Use Table 3 to determine stability class.

TABLE 2

<u>DELTA T</u> <u>(°C)</u>	<u>STABILITY</u> <u>CLASS</u>	<u>DELTA T</u> <u>(°C)</u>	<u>STABILITY</u> <u>CLASS</u>
-1.11 to -0.66	= A	-0.16 to +0.55	= E
-0.66 to -0.61	= B	+0.55 to +1.38	= F
-0.61 to -0.55	= C	+1.38 to +1.66	= G
-0.55 to -0.16	= D		

[Step 6 continued on next page]

NUMBER EPIP-2.01	PROCEDURE TITLE NOTIFICATION OF STATE AND LOCAL GOVERNMENTS	REVISION 13
		PAGE 5 of 17



6. DETERMINE STABILITY CLASS:
[continued]

TABLE 3

SIGMA THETA (DEGREES)	STABILITY CLASS	SIGMA THETA (DEGREES)	STABILITY CLASS
45 .0 to 22.5	= A	7.5 to 3.8	= E
22 .5 to 17.5	= B	3.8 to 2.1	= F
17 .5 to 12.5	= C	2.1 to 0	= G
12 .5 to 7.5	= D		

c) Record stability class in Step 26.b of this procedure

7. DETERMINE AFFECTED SECTORS:

a) Use wind direction from Item 7 of Attachment 1

a) Record NONE in Item 10, Attachment 1.

AND

Table 4 to determine affected sectors

TABLE 4

COMPASS POINT	AFFECTED SECTORS	COMPASS POINT	AFFECTED SECTORS
N	<u>H</u> otel- <u>J</u> uliett- <u>K</u> ilo	S	<u>R</u> omeo- <u>A</u> lpha- <u>B</u> ravo
NNE	<u>J</u> uliett- <u>K</u> ilo- <u>L</u> ima	SSW	<u>A</u> lpha- <u>B</u> ravo- <u>C</u> harlie
NE	<u>K</u> ilo- <u>L</u> ima- <u>M</u> ike	SW	<u>B</u> ravo- <u>C</u> harlie- <u>D</u> elta
ENE	<u>L</u> ima- <u>M</u> ike- <u>N</u> ovember	WSW	<u>C</u> harlie- <u>D</u> elta- <u>E</u> cho
E	<u>M</u> ike- <u>N</u> ovember- <u>P</u> apa	W	<u>D</u> elta- <u>E</u> cho- <u>F</u> oxtrot
ESE	<u>N</u> ovember- <u>P</u> apa- <u>Q</u> uebec	WNW	<u>E</u> cho- <u>F</u> oxtrot- <u>G</u> ulf
SE	<u>P</u> apa- <u>Q</u> uebec- <u>R</u> omeo	NW	<u>F</u> oxtrot- <u>G</u> ulf- <u>H</u> otel
SSE	<u>Q</u> uebec- <u>R</u> omeo- <u>A</u> lpha	NNW	<u>G</u> ulf- <u>H</u> otel- <u>J</u> uliett

NUMBER EPIP-2.01	PROCEDURE TITLE NOTIFICATION OF STATE AND LOCAL GOVERNMENTS	REVISION 13
		PAGE 6 of 17

STÉP

ACTION/EXPECTED RESPONSE

RESPONSE NOT OBTAINED

NOTE: Affected Sectors and Zones are recorded using alphanumeric designations. Example: The affected Sectors and Zones are B1 and 2, C1 and 2, and D1 and 2.

8. DETERMINE AFFECTED ZONES:

- | | |
|---|--------------------------|
| a) Obtain from Station Emergency Manager | a) Assume Zones 1 and 2. |
| b) Record affected Sectors and Zones in Item <u>10</u> of Attachment <u>1</u> | |

9. DETERMINE PROTECTIVE ACTION RECOMMENDATIONS

- | | |
|---|--|
| a) Obtain from Status Board | a) Obtain from Station Emergency Manager |
| b) Record in Item <u>11</u> , Attachment <u>1</u> | |

NOTE: During the initial stages of an emergency, prior to manning the Technical Support Center (TSC), the Radiological Assessment Director will be the senior HP member onsite, who will be located in the Control Room or HP office. After the TSC is manned, the Radiological Assessment Director will be located in the TSC.

10. INFORM RADIOLOGICAL ASSESSMENT DIRECTOR OF MET DATA:

- a) Inform Radiological Assessment Director of:
- 1) Wind direction
 - 2) Wind speed
 - 3) Stability class

<p><i>NUMBER</i></p> <p>EPIP-2.01</p>	<p><i>PROCEDURE TITLE</i></p> <p>NOTIFICATION OF STATE AND LOCAL GOVERNMENTS</p>	<p><i>REVISION</i></p> <p>13</p>
		<p><i>PAGE</i></p> <p>7 of 17</p>

<i>STEP</i>	<i>ACTION/EXPECTED RESPONSE</i>	<i>RESPONSE NOT OBTAINED</i>
11.	UPDATE STATUS BOARD:	
	<p>a) <u>IF</u> status board is being maintained, insure following updated:</p> <p>1) Wind direction</p> <p>2) Wind speed</p> <p>3) Stability class</p> <p>4) Affected sectors</p>	a) <u>GO TO</u> Step <u>12</u> .
12.	RECORD REMARKS:	
	<p>a) Obtain from status board</p> <p>b) Record brief event description in Item <u>8</u> of Attachment <u>1</u></p>	a) Obtain from Station Emergency Manager.
13.	RECORD YOUR NAME AND TITLE:	
	a) Record in Item <u>9</u> of Attachment <u>1</u>	
14.	OBTAIN APPROVAL TO TRANSMIT MESSAGE:	
	<p>a) Show completed Attachment <u>1</u> to Station Emergency Manager</p> <p>b) Receive approval to transmit</p>	

<p><i>NUMBER</i> EPIP-2.01</p>	<p><i>PROCEDURE TITLE</i> NOTIFICATION OF STATE AND LOCAL GOVERNMENTS</p>	<p><i>REVISION</i> 13</p>
		<p><i>PAGE</i> 8 of 17</p>

STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED
15.	<p>TRANSMIT MESSAGE TO STATE AND LOCAL GOVERNMENTS:</p> <p>a) Use Insta-Phone</p>	<p>a) Use normal station telephone. Call following in order listed:</p> <p>___ 1) Surry County</p> <p>___ 2) James City County</p> <p>___ 3) State of Virginia Ask for Duty Officer</p> <p>___ 4) Isle of Wight</p> <p>___ 5) Williamsburg</p> <p>___ 6) Newport News</p> <p>___ 7) York County</p>
	<p>b) Read Attachment <u>1</u>, Items <u>1-9</u> exactly as written</p>	
16.	<p>RECORD TIME MESSAGE SENT:</p> <p>a) Record following Item <u>9</u> of Attachment <u>1</u></p>	

<p>NUMBER</p> <p>EPIP-2.01</p>	<p>PROCEDURE TITLE</p> <p>NOTIFICATION OF STATE AND LOCAL GOVERNMENTS</p>	<p>REVISION</p> <p>13</p>
		<p>PAGE</p> <p>9 of 17</p>

STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED
17.	TRANSMIT MESSAGE TO STATE EOC:	
	a) Use State EOC ring down phone	a) Use normal station telephone
		<u>AND</u>
		Call State EOC at
		<u>AND</u>
		Ask for Duty Officer.
	b) Read Attachment <u>1</u> , Items <u>10</u> and <u>11</u> exactly as written.	
18.	RECORD TIME MESSAGE SENT:	
	a) Record following Item <u>11</u> of Attachment <u>1</u> .	
19.	RETAIN ATTACHMENT:	
	a) Retain Attachment <u>1</u>	
20.	INFORM STATION EMERGENCY MANAGER:	
	a) Inform Station Emergency Manager that message was sent	

<p>NUMBER EPIP-2.01</p>	<p>PROCEDURE TITLE NOTIFICATION OF STATE AND LOCAL GOVERNMENTS</p>	<p>REVISION 13</p>
		<p>PAGE 10 of 17</p>

STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED
21.	<p>VERIFY STATUS:</p> <p>a) Item <u>1</u> or <u>6</u> of Attachment <u>1</u> indicates:</p> <p>General Emergency Declared</p> <p><u>OR</u></p> <p>Release - HAS OCCURRED AND IS NOW TERMINATED</p> <p><u>OR</u></p> <p>Release - IS PRESENTLY OCCURRING</p> <p><u>OR</u></p> <p>Release - IS PROJECTED TO OCCUR</p>	<p>a) <u>GO TO</u> Step <u>23</u>.</p>
22.	<p>INFORM STATE THAT REPORT WILL BE SENT:</p> <p>a) Use State EOC ring down phone</p> <p>b) Read following message:</p> <p>"This is Surry Control Room (or TSC). We will transmit a report of radiological conditions shortly."</p> <p>c) <u>GO TO</u> Step <u>24</u></p>	<p>a) Use normal station telephone</p> <p><u>AND</u></p> <p>Call State EOC at</p> <p><u>AND</u></p> <p>Ask for Duty Officer.</p>

NUMBER EPIP-2.01	PROCEDURE TITLE NOTIFICATION OF STATE AND LOCAL GOVERNMENTS	REVISION 13
		PAGE 11 of 17

STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED
23.	INFORM STATE THAT REPORT WILL <u>NOT</u> BE SENT: a) Use State EOC ring down phone b) Read following message: "This is Surry Control Room (or TSC). Since we have no release of radioactive material, we will <u>not</u> transmit a report of radiological conditions." c) <u>GO TO Step 39</u>	a) Use normal station telephone <u>AND</u> Call State EOC at <u>AND</u> Ask for Duty Officer.
<p><u>NOTE:</u> The <u>initial</u> report of radiological conditions <u>must</u> be transmitted to the state as soon as possible following the declaration of an emergency involving release of radioactive material and/or General Emergency.</p> <p>Follow-up reports should be sent to the state approximately every 30 minutes or when there are changes in radiological conditions.</p>		
24.	OBTAIN RADIOLOGICAL REPORT FORM: a) <u>Attachment 2, Report of Radiological Conditions to the State, located at the back of this procedure</u>	

NUMBER EPIP-2.01	PROCEDURE TITLE NOTIFICATION OF STATE AND LOCAL GOVERNMENTS	REVISION 13
		PAGE 12 of 17

STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED
25.	DETERMINE RELEASE DATA:	
	a) Obtain from status board	a) Obtain from Station Emergency Manager.
	b) Record in Items <u>1</u> thru <u>4</u> of Attachment <u>2</u>	
26.	RECORD METEOROLOGICAL DATA:	
	a) Obtain wind direction, wind speed, and stability class from most recent Attachment <u>1</u> completed	
	b) Stability Class _____	
	c) Record in item <u>5</u> of Attachment <u>2</u>	
27.	DETERMINE TEMPERATURE:	
	a) <u>IF</u> in Control Room, obtain temperature from "CH.A - Temperature" recorder	a) Request data from Control Room.
	b) Record temperature in <u>Item 6</u> of Attachment <u>2</u>	
28.	DETERMINE PRECIPITATION:	
	a) Determine <u>AND</u> record precipitation from <u>Item 6</u> of Attachment <u>2</u>	

<p><i>NUMBER</i></p> <p>EPIP-2.01</p>	<p><i>PROCEDURE TITLE</i></p> <p>NOTIFICATION OF STATE AND LOCAL GOVERNMENTS</p>	<p><i>REVISION</i></p> <p>13</p> <hr/> <p><i>PAGE</i></p> <p>13 of 17</p>
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<i>STEP</i>	<i>ACTION/EXPECTED RESPONSE</i>	<i>RESPONSE NOT OBTAINED</i>
29.	INFORM RADIOLOGICAL ASSESSMENT DIRECTOR:	
	a) Inform Radiological Assessment Director of temperature <u>AND</u> precipitation data	
30.	UPDATE STATUS BOARD:	
	a) <u>IF</u> status board being maintained, insure temperature and precipitation data updated	a) <u>GO TO</u> Step <u>31</u> .
31.	DETERMINE RADIOLOGICAL DATA:	
	a) Obtain from status board	a) Record as "unknown."
	<u>OR</u>	
	Radiological Assessment Director	
	b) Record in Items <u>7</u> through <u>14</u> of Attachment <u>2</u>	
32.	DETERMINE STATION CONDITIONS:	
	a) Obtain from status board	a) Obtain from Station Emergency Manager.
	b) Include status of following:	
	1) Fuel Failure	
	2) Containment Leakage	
	3) RCS Integrity	
	c) Record in Item <u>15</u> of Attachment <u>2</u>	

NUMBER EPIP-2.01	PROCEDURE TITLE NOTIFICATION OF STATE AND LOCAL GOVERNMENTS	REVISION 13
		PAGE 14 of 17

STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED
33.	RECORD YOUR NAME AND TITLE:	
	a) Record in at the bottom of Attachment <u>2</u>	
34.	OBTAIN APPROVAL TO TRANSMIT MESSAGE:	
	a) Show completed Attachment <u>2</u> to Station Emergency Manager	
	b) Receive approval to transmit	
35.	TRANSMIT MESSAGE TO STATE:	
	a) Use ringdown phone to state EOC	a) Use normal station telephone
		<u>AND</u>
		Call state EOC at
		<u>AND</u>
		Ask for Duty Officer.
	b) Read Attachment <u>2</u> <u>exactly as written</u>	
36.	RECORD TIME MESSAGE SENT:	
	a) Record in at the bottom of Attachment <u>2</u>	
37.	RETAIN ATTACHMENT:	
	a) Retain Attachment <u>2</u>	

<p><i>NUMBER</i></p> <p>EPIP-2.01</p>	<p><i>PROCEDURE TITLE</i></p> <p>NOTIFICATION OF STATE AND LOCAL GOVERNMENTS</p>	<p><i>REVISION</i></p> <p>13</p>
		<p><i>PAGE</i></p> <p>15 of 17</p>

<i>STEP</i>	<i>ACTION/EXPECTED RESPONSE</i>	<i>RESPONSE NOT OBTAINED</i>
38.	<p>INFORM STATION EMERGENCY MANAGER:</p> <p>a) Inform Station Emergency Manager that message sent</p>	
39.	<p>VERIFY EMERGENCY STATUS:</p> <p>a) Notification of termination of emergency - NOT SENT</p>	a) <u>GO TO</u> Step <u>48</u> .
40.	<p>RELIEF:</p> <p>a) <u>IF</u> your relief arrives, perform following:</p> <p>1) Brief your relief on current status of emergency</p> <p>2) Review last Attachments <u>1</u> and <u>2</u> completed</p> <p>3) Transfer this procedure and all completed attach- ments to your relief</p>	a) <u>GO TO</u> Step <u>41</u> .
	<p>b) Record relief:</p> <p>Relieved By: _____</p> <p>Time: _____</p> <p>Date: _____</p>	

<p><i>NUMBER</i></p> <p>EPIP-2.01</p>	<p><i>PROCEDURE TITLE</i></p> <p>NOTIFICATION OF STATE AND LOCAL GOVERNMENTS</p>	<p><i>REVISION</i></p> <p>13</p> <hr/> <p><i>PAGE</i></p> <p>16 of 17</p>
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STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED
41.	<p>RELOCATION:</p> <p>a) <u>IF</u> in TSC, <u>GO TO</u> Step <u>42</u>.</p>	<p>a) Relocate to TSC when TSC is being manned</p> <p><u>AND</u></p> <p>Station Emergency Manager directs you to relocate to TSC.</p>
42.	<p>DETERMINE LEOF STATUS:</p> <p>a) Local Emergency Operations Facility (LEOF) - <u>NOT MANNED</u></p> <p>1) <u>GO TO</u> Step <u>47</u></p>	<p>a) <u>IF</u> LEOF manned</p> <p><u>AND</u></p> <p>LEOF has assumed responsibility for notification of state and local governments, <u>GO TO</u> Step <u>43</u>.</p>
43.	<p>ASSUME TSC PHONETALKER DUTIES:</p> <p>a) Man ringdown phone to LEOF</p> <p>b) Maintain Emergency Status Board and Radiological Status Board</p>	
44.	<p>MAINTAIN LEOF COMMUNICATIONS:</p> <p>a) Keep LEOF updated on emergency status</p>	

NUMBER EPIP-2.01	PROCEDURE TITLE NOTIFICATION OF STATE AND LOCAL GOVERNMENTS	REVISION 13
		PAGE 17 of 17

STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED
45.	OBTAIN METEOROLOGICAL DATA: a) Approximately every 30 minutes, request update of meteorological data from the Control Room phonetalker b) Inform LEOF <u>AND</u> Radiological Assessment Director of latest meteorological data c) Record on status boards	
46.	VERIFY EMERGENCY STATUS: a) Emergency - <u>NOT</u> TERMINATED 1) <u>GO TO</u> Step <u>44</u>	a) Emergency - TERMINATED 1) <u>GO TO</u> Step <u>48</u> .
47.	DETERMINE NEED FOR FOLLOW-UP NOTIFICATION: a) Status of <u>any</u> information on Attachment <u>1</u> or Attachment <u>2</u> - <u>CHANGED</u> 1) <u>GO TO</u> Step <u>2</u>	a) <u>WHEN</u> approximately 30 minutes have passed since last notification form initiated, <u>THEN GO TO</u> Step <u>2</u> .
48.	TERMINATE EPIP-2.01: a) COMPLETED BY: _____ TIME: _____ DATE: _____ b) Forward completed EPIP-2.01, forms and other applicable records to Secretary SNSOC	
END		

NUMBER EP-2.01	ATTACHMENT TITLE REPORT OF EMERGENCY TO STATE AND LOCAL GOVERNMENTS	REVISION 13
ATTACHMENT 1		PAGE 1 of 1

MESSAGE:

'This is Surry Power Station Control Room TSC LEOF CEOF.
Standby for a roll-call followed by an emergency message. Use a Report of Emergency form to copy this message.' (Conduct a roll-call and check the boxes as each party answers.)

- Surry County Virginia State EOC Williamsburg York County
 James City County Isle of Wight County Newport News

'The emergency message is as follows:

'Item 1. Emergency Class: Notification of Unusual Event
 Alert
 Site Area Emergency Declared at _____ on ____ / ____ / ____ .
 General Emergency (24 Hr. time) (date)
 Emergency terminated (if checked, go to Item 9)

'Item 2. Assistance requested: None. _____ (no.) Fire Units from _____ .
 _____ (no.) Police Units from _____ .
 _____ (no.) Rescue Units from _____ .
 (Other) _____ .

'Item 3. Emergency response actions underway:
 None. Station emergency personnel called in.
 Station monitoring teams dispatched off-site. (Other) _____ .

'Item 4. Evacuation of on-site personnel: No.
 Yes. Evacuated to _____ .

'Item 5. Prognosis of situation: Improving. Stable.
 Worsening. (Other) _____ .

'Item 6. Release of radioactive material:
 Has NOT occurred and is NOT projected. Is presently occurring.
 Has occurred and is now terminated. Is projected to occur.'

'Item 7. Wind direction is from the _____ ; Wind speed is _____ MPH.'

'Item 8. Description of Event: _____
_____ .

'Item 9. This is _____ / _____ .
(name) (position)

'Please acknowledge receipt of this message.' (Conduct roll-call and check boxes)
 Surry County Virginia State EOC Williamsburg York County
 James City County Isle of Wight County Newport News

'This is Surry Power Station Control Room TSC LEOF CEOF
out at time _____ on ____ / ____ / ____ .
(24 Hr. time) (date)

NOTE: THE FOLLOWING INFORMATION IS FOR STATE USE ONLY. TRANSMIT TO STATE EOC BY THE 'RING-DOWN' TELEPHONE CIRCUIT.

'Item 10. Areas affected are: None.
 Sectors and Zones _____ .

'Item 11. Recommended off-site protective actions:
 None.
 Sheltering in Sectors and Zones _____ .
 Evacuation in Sectors and Zones _____ .
 (Other) _____ .

'This is Surry Power Station Control Room TSC LEOF CEOF
out at time _____ on ____ / ____ / ____ .
(24 Hr. time) (date)

NUMBER EPIP-2.01 ATTACHMENT 2	ATTACHMENT TITLE REPORT OF RADIOLOGICAL CONDITIONS TO THE STATE	REVISION 13 <hr/> PAGE 1 of 1
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NOTE: INFORMATION ON THIS FORM IS FOR STATE USE ONLY AND WILL BE TRANSMITTED TO THE STATE EOC BY THE 'RING-DOWN' TELEPHONE CIRCUIT.

"This is Surry Power Station Control Room TSC LEOP CEOP.
 I have a report of radiological conditions. Use a Report of Radiological Conditions form to copy this message.
 Please inform me when you are ready to copy." (Proceed when informed.)

"Item 1. Type of release is Airborne, released at elevation of _____ ft.
 Waterborne
 Surface Spill."

"Item 1a. Physical form of release is gas; liquid; solid; unknown.
 "Item 1b. Chemical form of release is inert noble gases; radioiodines; unknown.
 Specifically _____"

"Item 2. Release began at _____.
(24 hr. time)
 is estimated to begin at _____.
(24 hr. time)"

"Item 3. Release duration was _____ hours.
 is estimated to be _____ hours."

"Item 4. Time between reactor shutdown and beginning of release was _____ hours
 not applicable."

"Item 5. Wind direction is from the _____. Wind speed is _____ MPH. Stability class is _____."

"Item 6. Temperature is _____ °F. Precipitation form is None
 Rain
 Sleet
 Snow
 (Other) _____."

"Item 7. The Iodine/Noble Gas Ratio is _____
 Unknown."

"Item 8. Projected total release equivalent Curies of I-131 is _____ Curies.
 Unknown."

"Item 9. Projected total release equivalent Curies of Xe-133 is _____ Curies.
 Unknown."

"Item 10. Actual whole body dose rate at the Site Boundary is _____ mR/hr.
 Unknown."

"Item 11. Estimated whole body dose rates are _____ mR/hr at Site Boundary,
 _____ mR/hr at 2 miles,
 _____ mR/hr at 5 miles,
 _____ mR/hr at 10 miles.
 Unknown."

"Item 12. Projected total integrated Whole Body dose is _____ mR at Site Boundary,
 _____ mR at 2 miles,
 _____ mR at 5 miles,
 _____ mR at 10 miles.
 Unknown."

"Item 13. Projected total integrated Thyroid dose is _____ mR at Site Boundary,
 _____ mR at 2 miles,
 _____ mR at 5 miles,
 _____ mR at 10 miles.
 Unknown."

"Item 14. Actual surface radioactive contamination is _____ DPM/100cm² in Zone _____.
 Unknown."

"Item 15. Station conditions are as follows (Give brief status and cause of emergency):

 _____"

"This is _____ / _____ out at time _____ on ____ / ____ / ____."
(name) (position) (24 Hr. time) (date)