

TO: NRC Document Control Ctr  
NRC File Room, No. DPR-28  
VERMONT YANKEE CONTROLLED DOCUMENT TRANSMITTAL FORM  
Docket No. 50-271

SECTION 1

DOCUMENT TITLE: IMPLEMENTING PROCEDURES TO THE E-PLAN

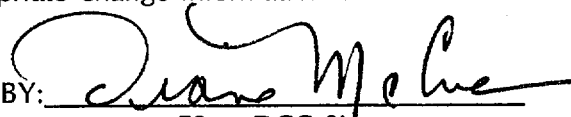
COPY NUMBER: 54

CHANGE NUMBER: #179

ISSUE DATE: December 29, 1999

INSTRUCTIONS:

- a. Attached is an authorized controlled copy to the above listed document for retention as your assigned copy.
- b. Review the revised material.
- c. Incorporate new change into the controlled document by document issue date, if applicable.
- d. Ensure that those who use the document are aware of the change.
- e. Destroy all superseded pages.
- f. Destroy obsolete forms and insert new forms into the files.
- g. Sign and date this form and return to the Executive Secretary (ES) or Document Control Center (DCC).
- h. Complete appropriate change information on VY Controlled Document Record of Changes.

TRANSMITTED BY:   
ES or DCC Signature

**AFTER COMPLYING WITH THE ABOVE INSTRUCTIONS, PLEASE RETURN TO THE ES OR DCC WITHIN 10 DAYS OF THE ISSUE DATE.**

SECTION 2

The undersigned acknowledges completion of the preceding instructions.

Signature of Recipient: \_\_\_\_\_ Date: \_\_\_\_\_

A045

per ADOCK 05000271

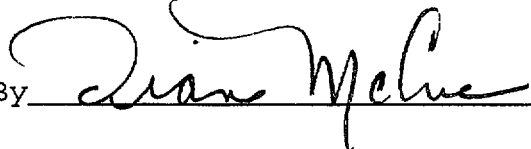
COPY HOLDER: 54 NAME OR LOCATION \_\_\_\_\_

VY IMPLEMENTING PROCEDURES TO THE E-PLAN #179

INSTRUCTION SHEET  
December 29, 1999

DI'S Please incorporate the following DI's into appropriate procedures:

<u>Proc/Rev. #</u>	<u>DI #</u>	<u>Procedure Title</u>
OP 3501/19	99-611	Alert
OP 3502/31	99-612	Site Area Emergency
OP 3503/33	99-613	General Emergency
OP 3504/31	99-614	Emergency Communications
OP 3531/12	99-615	Emergency Call-In Method

Transmitted By 

DEPARTMENT INSTRUCTION

SECTION 1

Procedure No.: OP 3501 Revision No.: 19 DI No.: 99-6011

Title: Alert

Reason for Change: Elimination of 24-hour Security coverage at DE+S office

Affected Pages: App. III pg 4267

DI to be Incorporated: Next Revision [] OR Cancelled [] On/By Date \_\_\_\_\_

Originator: David Kaczynski / 12/22/99  
Signature Date

SECTION 2

- 1. Cognizant Dept. Head: AR Chesley / 12/22/99  
Signature Date
- 2. Concurring Individual (PM, Supt. or designee, DCO): [Signature] / 12-23-99  
Signature Date
- 3. Duty Shift Supervisor: [Signature] / 12/23/99  
Signature Date
- 4. Duty SCRO: [Signature] / 12/23/99  
Signature Date
- 5. Rad. Prot. Mgr. or Plant Health Phys.\*: NA / NA  
Signature Date
- 6. EPIP 10CFR50.54(q) evaluation completed per AP 3532\*: David Kaczynski / 12/22/99  
Signature Date

\* NOTES

- 1. This instruction becomes effective on the date that a Second Senior Licensed Operator signs above, unless a Radiation Protection procedure is involved, in which case this instruction becomes effective on the date that a Shift Supervisor and the Radiation Protection Manager or the Plant Health Physicist sign above.
- 2. If an EPIP procedure is involved, the instruction becomes effective on the date that the second Senior Licensed Operator signs and a successful 10CFR50.54(q) evaluation is signed off.

In the affected procedure, replace the affected pages with the attached revised pages and file this form in front of Page 1.

SECTION 3

- 1. PORC Review: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
PORC Secretary Signature / Meeting No. / Date
- 2. Plant Manager Approval: \_\_\_\_\_ / \_\_\_\_\_  
Signature Date

NOTE

FTS 2000 phones are stored in the EP Cabinet in the TSC Communications Room.  
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- 9. Direct a TSC staff member to plug the FTS 2000 phones into the appropriate wall jacks as identified in Figure 4 of OP 3504.

NOTE

If ERFIS is not available, the assigned individual (in Step 10) will also relay appropriate meteorological and radiological information to the Radiological Assistant at the EOF.  
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- 10. If necessary, assign an individual to report to the Control Room to relay appropriate radiological information to the RP Checkpoint.

NOTE

For the effective operation of the Vernon telephone system in the emergency mode, the Brattleboro and DE&S telephone systems must be switched to the emergency mode.  
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- 11. a. Direct the activation of the Vernon telephone system to the emergency mode per Appendix F of OP 3504,
- b. Direct the activation of the Brattleboro telephone system to the emergency mode per Appendix E of OP 3504, and
- c. Contact DE&S Security to activate emergency mode of telephone system.
- 12. If the possibility of a radiological release is likely to occur, the TSC Coordinator or designee initially directs the activities and maintains communications with site boundary and off-site teams until the EOF/RC is deemed operational (refer to Appendix VII, Immediate Actions Step 9).

DI  
99-611

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DEPARTMENT INSTRUCTION

SECTION 1

Procedure No.: OP 3502 Revision No.: 31 DI No.: 99-612

Title: Site Area Emergency

Reason for Change: Elimination of 24-hour Security Coverage at D+S Area.

Affected Pages: App III of SOP

DI to be Incorporated: Next Revision  OR Cancelled  On/By Date \_\_\_\_\_

Originator: David B. [Signature] / 12/22/99  
Signature Date

SECTION 2

- 1. Cognizant Dept. Head: Alfred R. Chuley / 12/22/99  
Signature Date
- 2. Concurring Individual (PM, Supt. or designee, DCO): [Signature] / 12-22-99  
Signature Date
- 3. Duty Shift Supervisor: [Signature] / 12/23/99  
Signature Date
- 4. Duty SCRO: [Signature] / 12/23/99  
Signature Date
- 5. Rad. Prot. Mgr. or Plant Health Phys.\*: NA / NA  
Signature Date
- 6. EPIP 10CFR50.54 (q) evaluation completed per AP 3532\*: [Signature] / 12/22/99  
Signature Date

\* NOTES

- 1. This instruction becomes effective on the date that a Second Senior Licensed Operator signs above, unless a Radiation Protection procedure is involved, in which case this instruction becomes effective on the date that a Shift Supervisor and the Radiation Protection Manager or the Plant Health Physicist sign above.
- 2. If an EPIP procedure is involved, the instruction becomes effective on the date that the second Senior Licensed Operator signs and a successful 10CFR50.54(q) evaluation is signed off.

In the affected procedure, replace the affected pages with the attached revised pages and file this form in front of Page 1.

SECTION 3

- 1. PORC Review: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
PORC Secretary Signature / Meeting No. / Date
- 2. Plant Manager Approval: \_\_\_\_\_ / \_\_\_\_\_  
Signature Date

NOTE

I <sup>DI</sup> 99-612

For the effective operation of the Vernon telephone system in the emergency mode, the Brattleboro and DE&S telephone systems must be switched to the emergency mode.

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- I <sup>DI</sup> 99-612
12. If not done already, perform the following steps:
    - a. Direct the activation of the Vernon telephone system to the emergency mode per Appendix F of OP 3504, \_\_\_\_\_
    - b. Direct the activation of the Brattleboro telephone system to the emergency mode per Appendix E of OP 3504, and \_\_\_\_\_
    - c. Contact DE&S Security to activate emergency mode of telephone system. \_\_\_\_\_
  13. Direct and coordinate the on-site assistance team activities as follows:
    - a. Prioritize job tasks to be implemented with the SS/PED and OSC Coordinator.
    - b. Ensure that the applicable work control process defined in AP 0021, Work Orders, is used.
    - c. Authorize emergency dose commitments for required job tasks in accordance with OP 3507, Emergency Radiation Exposure Control.
    - d. Obtain periodic updates of job tasks implemented.
    - e. Periodically re-evaluate job priorities to mitigate the emergency condition and prevent or minimize release of radioactive material.
  14. Review and approve all 10CFR50.54(x) considerations, and document in TSC Log Book.
  15. If appropriate, initiate a post-trip review. \_\_\_\_\_
  16. When informed by the SRM that the EOF/RC is activated, make the announcement over the plant paging system that the EOF is activated. \_\_\_\_\_

DEPARTMENT INSTRUCTION

SECTION 1

Procedure No.: OP 3503 Revision No.: 33 DI No.: 99-613

Title: General Emergency

Reason for Change: Elimination of 24-hour Security Coverage at X-5 office

Affected Pages: App III pg 42, 7

DI to be Incorporated, Next Revision [] OR Cancelled [] On/By Date \_\_\_\_\_

Originator: [Signature] / 12/22/99  
Signature Date

SECTION 2

1. Cognizant Dept. Head: [Signature] / 12/22/99  
Signature Date

2. Concurring Individual (PM, Supt. or designee, DCO): [Signature] / 12-23-99  
Signature Date

3. Duty Shift Supervisor: [Signature] / 12/23/99  
Signature Date

4. Duty SCRO: [Signature] / 12/23/99  
Signature Date

5. Rad. Prot. Mgr. or Plant Health Phys.\*: [Signature] / [Signature]  
Signature Date

6. EPIP 10CFR50.54(q) evaluation completed per AP 3532\*: [Signature] / 12/23/99  
Signature Date

\* NOTES

1. This instruction becomes effective on the date that a Second Senior Licensed Operator signs above, unless a Radiation Protection procedure is involved, in which case this instruction becomes effective on the date that a Shift Supervisor and the Radiation Protection Manager or the Plant Health Physicist sign above.

2. If an EPIP procedure is involved, the instruction becomes effective on the date that the second Senior Licensed Operator signs and a successful 10CFR50.54(q) evaluation is signed off.

In the affected procedure, replace the affected pages with the attached revised pages and file this form in front of Page 1.

SECTION 3

1. PORC Review: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
PORC Secretary Signature / Meeting No. / Date

2. Plant Manager Approval: \_\_\_\_\_ / \_\_\_\_\_  
Signature Date

APPENDIX III (Continued)

Time Initials

- c. If any persons are reported missing during the accountability checks, perform the following steps.
  - 1) page the unaccounted for individual(s) in an attempt to locate them,
  - 2) as necessary, direct OSC Coordinator to dispatch an on-site search and rescue team to locate individual(s), and
  - 3) inform the Security Access Control Officer once the individual(s) are located.
  
- d. When the initial accountability check has been completed, contact the SRM at the EOF to indicate that all personnel at the plant have been accounted for.

NOTE

If ERFIS is not available, the assigned individual (in Step 12) will also relay appropriate meteorological and radiological information to the Radiological Assistant at the EOF.

- 12. If necessary, assign an individual to report to the Control Room to relay appropriate radiological information to the RP Checkpoint.

NOTE

For the effective operation of the Vernon telephone system in the emergency mode, the Brattleboro and DE&S telephone systems must be switched to the emergency mode.

- 13. If not done already, perform the following steps:
  - a. Direct the activation of the Vernon telephone system to the emergency mode per Appendix F of OP 3504.
  - b. Direct the activation of the Brattleboro telephone system to the emergency mode per Appendix E of OP 3504, and
  - c. Contact DE&S Security to activate emergency mode of telephone system.

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DEPARTMENT INSTRUCTION

SECTION 1

Procedure No.: OP 3504 Revision No.: 31 DI No.: 99-614

Title: Emergency Communications

Reason for Change: Elimination of 24-hour Security  
coverage at DE-S office. New # change

Affected Pages: pg 11 & 27  
1412

DI to be Incorporated: Next Revision [] OR Cancelled [ ] On/By Date \_\_\_\_\_

Originator: Arild Raetz Signature / 12/22/99 Date

SECTION 2

- 1. Cognizant Dept. Head: AR Chealey Signature / 12/22/99 Date
- 2. Concurring Individual (PM, Supt. or designee, DCO): RLER Signature / 12-23-99 Date
- 3. Duty Shift Supervisor: [Signature] Signature / 12/23/99 Date
- 4. Duty SCRO: [Signature] Signature / 12/23/99 Date
- 5. Rad. Prot. Mgr. or Plant Health Phys.\*: NA Signature / NA Date
- 6. EPIP 10CFR50.54(q) evaluation completed per AP 3532\*: Arild Raetz Signature / 12/22/99 Date

\* NOTES

- 1. This instruction becomes effective on the date that a Second Senior Licensed Operator signs above, unless a Radiation Protection procedure is involved, in which case this instruction becomes effective on the date that a Shift Supervisor and the Radiation Protection Manager or the Plant Health Physicist sign above.
- 2. If an EPIP procedure is involved, the instruction becomes effective on the date that the second Senior Licensed Operator signs and a successful 10CFR50.54(q) evaluation is signed off.

In the affected procedure, replace the affected pages with the attached revised pages and file this form in front of Page 1.

SECTION 3

- 1. PORC Review: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
PORC Secretary Signature / Meeting No. / Date
- 2. Plant Manager Approval: \_\_\_\_\_ / \_\_\_\_\_  
Signature / Date

4. Failure of All FTS 2000 Phones and Commercial Telephone System

In the event that all the FTS 2000 Phones and the commercial telephone system have failed, the Utility Microwave Network (See Section C) can be used (if operable) to contact the NRC Operations Center [REDACTED] through DE&S or ISO - New England.

NOTE

If an NRC classified emergency notification (above an Unusual Event) is being initiated, the NRC will most likely request a continuous open line with Vermont Yankee. To avoid tying up one of the limited lines through DE&S, the ISO - New England link should be utilized for this purpose.

a. Duke Engineering & Services

- 1) Contact DE&S by dialing [REDACTED].
- 2) Advise DE&S Switchboard of the telephone failures.
- 3) Request DE&S to press the AFRL button on the top right portion of the attendant console. Do not hang-up until the action has been completed. The AFRL switch will light up red when activated.
- 4) After hanging up with DE&S, contact the NRC Operations Center by dialing [REDACTED].
- 5) After making the appropriate notification to the NRC, inform the NRC that to contact the Vermont Yankee Control Room, the NRC must first contact DE&S [REDACTED] who will then transfer the call to the VY Control Room.

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- 6) Advise plant management (and essential personnel during backshift operation) of the need to refrain from making outside calls due to the minimal number of outside lines available in this period of degraded communications capability.

b. ISO - New England Link

NOTE

This link may be established with VELCO via the dedicated microwave line from the Control Room if ISO - New England is not available.

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- 1) Contact ISO - New England via the dedicated microwave line from the Control Room.
  - 2) Advise them of the telephone failures, and that they will be utilized to establish a link between the NRC Operations Center and the Vermont Yankee Control Room, utilizing their conferencing call mode.
  - 3) Request ISO - New England to call the NRC Operations Center in Rockville, MD [REDACTED] and advise the NRC that VY is utilizing ISO - New England to establish a communications link between the Vermont Yankee Control Room and the NRC Operations Center because of degraded communications capability at VY.
  - 4) After making the appropriate notification to the NRC, inform the NRC that to contact the Vermont Yankee Control Room, the NRC must first contact the ISO - New England Control Room at [REDACTED], who will then establish a link between the VY Control Room and the NRC via their conferencing mode.

F. Mobile UHF Radio System

1. Description

This system is utilized by all emergency teams and consists of a 100 watt repeater with its high gain antenna mounted on top of the old 150-foot meteorological tower and a 75 watt repeater with its high gain antenna mounted on top of the 330 foot meteorological tower. These repeaters are actuated by six base radio stations located in the following:

- Control Room,
- Gate 1,
- Gate 2,
- Secondary Alarm Station,
- TSC Computer Users Room, and

DEPARTMENT INSTRUCTION

SECTION 1

Procedure No.: OP 3531 Revision No.: 12 DI No.: 99-615

Title: Emergency Call-In Method

Reason for Change: Elimination of 24-hour Security Coverage at DEN

Affected Pages: pg 6 + 7 of 6

DI to be Incorporated: Next Revision [] OR Cancelled [] On/By Date \_\_\_\_\_

Originator: David Page Signature Date 12/22/99

SECTION 2

- 1. Cognizant Dept. Head: AR Chesley Signature Date 12/22/99
- 2. Concurring Individual (PM, Supt. or designee, DCO): [Signature] Signature Date 12-23-99
- 3. Duty Shift Supervisor: [Signature] Signature Date 12/23/99
- 4. Duty SCRO: [Signature] Signature Date 12/23/99
- 5. Rad. Prot. Mgr. or Plant Health Phys.\*: NA Signature Date NA
- 6. EPIP 10CFR50.54(q) evaluation completed per AP 3532\*: David Page Signature Date 12/22/99

\* NOTES

- 1. This instruction becomes effective on the date that a Second Senior Licensed Operator signs above, unless a Radiation Protection procedure is involved, in which case this instruction becomes effective on the date that a Shift Supervisor and the Radiation Protection Manager or the Plant Health Physicist sign above.
- 2. If an EPIP procedure is involved, the instruction becomes effective on the date that the second Senior Licensed Operator signs and a successful 10CFR50.54(q) evaluation is signed off.

In the affected procedure, replace the affected pages with the attached revised pages and file this form in front of Page 1.

SECTION 3

- 1. PORC Review: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
PORC Secretary Signature / Meeting No. / Date
- 2. Plant Manager Approval: \_\_\_\_\_ / \_\_\_\_\_  
Signature / Date

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99-615

Step g. deleted per DI #99-615 leaving this page blank.

g. Activate the DE&S Personnel Pager system as follows:

- 1) Dial [REDACTED]
- 2) Wait for one (1) long tone on phone and dial in code number 10597.

NOTES

The five-digit code number activates the DE&S group call system.

Use "14 1 #" for Unusual Event (Terminated).

DI 99-593

- 3) After hearing another tone, press the buttons listed below for the appropriate Emergency classification:

UNUSUAL EVENT	-	14 1 #
ALERT	-	14 2 #
SITE AREA	-	14 3 #
GENERAL	-	14 4 #

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DI 99-593

NOTE

If the verbal closeout is not heard, repeat Steps g.1) through g.4).

DI 99-615

- 4) Listen for the verbal closeout and a busy signal, and hang up. Your message has been transmitted.

DI 99-615

- h. If a CAN callback to confirm successful activation is not received within 5 minutes, call the CAN Operator at [REDACTED] to determine status.
- i. If indications are received from the CAN Operator that the method failed to activate, implement the Alternate Emergency Call-In Method specified in Section V.