



Entergy Nuclear Northeast
Entergy Nuclear Operations, Inc
Vermont Yankee
185 Old Ferry Rd
PO Box 500
Brattleboro, VT 05302
Tel 802-257-5271

October 29, 2002
BVY 02-86

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

Subject: Vermont Yankee Nuclear Power Station
License No. DPR-28 (Docket No. 50-271)
Vermont Yankee Emergency Plan Implementing Procedure Changes

In accordance with 10 CFR 50.54(q), enclosed are the latest changes to the Vermont Yankee Emergency Plan Implementing Procedures, OP 3540, Rev. 1, LPC#1 and OP 3545, Rev. 1, LPC#1, the change memos and the 10 CFR 50.54(q) Evaluation Checklists. These changes were determined to not need prior NRC review and approval.

If you have any questions, please contact Audra Williams, Emergency Planning Coordinator, in our Brattleboro office at (802) 258-4177.

Sincerely,

ENTERGY NUCLEAR NORTHEAST
VERMONT YANKEE

Lori Tkaczyk
Emergency Planning Manager

Attachments

cc: USNRC Region 1 Administrator
USNRC Resident Inspector – VYNPS
USNRC Project Manager – VYNPS (no attachments)
David M. Silk, Senior Emergency Preparedness Specialist,
USNRC Region 1
Vermont Department of Public Service

A045

Eplan Implementing Plant Procedures

To: Eplan Implementing Procedure Controlled Set Holders

From: Diane McCue

Date: 10/25/02

Re: VY EPlan Implementing Procedure Change #210 Instruction Sheet

LPC's: The following LPC should be incorporated into the appropriate procedures:

<u>Proc/Rev #</u>	<u>LPC #</u>	<u>Procedure Title</u>
OP 3540/1	1	Control Room Actions During an Emergency
OP 3545/1	1	Activation of the EOF

VERMONT YANKEE NUCLEAR POWER STATION

OPERATING PROCEDURE

OP 3540

REVISION 1

CONTROL ROOM ACTIONS DURING AN EMERGENCY

USE CLASSIFICATION: REFERENCE

LPC No.	Effective Date	Affected Pages
1	10/04/02	App. A Pg 2 of 3; VYOPF 3540.06 Pg 1 of 2; VYOPF 3540.07 Pg 1 of 1

Implementation Statement: N/A

Issue Date: 06/06/02

APPENDIX A (Continued)

3. Use the prepared message (VYOPF 3540.07) and make States notification as follows:

a. Contact each State using appropriate commercial telephone numbers listed below:

VT STATE POLICE: 9-1-802-244-8727 or 9-1-802-257-7101 or 9-1-802-875-2112

NH STATE POLICE: 9-1-603-271-3636

MA STATE POLICE: 9-1-413-584-3000

b. After transmittal of message, ensure that all appropriate information is recorded.

c. Monitor and receive expected commercial telephone verification of emergency declaration from State authorities.

4. After all States' notifications are completed, immediately continue with NRC notifications.

NRC NOTIFICATION INSTRUCTIONS

NOTE

NRC notification must be initiated immediately after the States' notification, but not later than one (1) hour after the emergency classification declaration.

1. Use the FTS NRC Emergency Notification System (ENS) phone (labeled #41) located in the southwest corner of the TSC Communications Room.

2. Notify the NRC on the FTS ENS phone as follows:

a. Lift the receiver on the telephone and listen for dial tone

b. After receiving a dial tone, dial the first number listed below using all 11 digits. If the first number is busy, then use the second, etc.

1-301-816-5100

1-301-951-0550

1-301-415-0550

NOTE

Remember to inform the NRC Operations Center of the problems with using the FTS System.

c. If contact cannot be established using the FTS System, call the NRC Operations Center via the commercial telephone using the same numbers above in the order listed.

LPC1
R
Y

EMERGENCY CLASSIFICATION AND PAR NOTIFICATION FORM

VYOPF 3540.06 INSTRUCTIONS

STATES NOTIFICATION MUST BE INITIATED WITHIN 15 MINUTES OF DECLARATION.

1. Prepare message (Section 1). If a Protective Action Recommendation is part of the message, refer to VYOPF 3511.01 for affected towns.
2. Prior to notifications, get approval of contents of message by getting appropriate signature (Section 2).
3. Contact States by using appropriate contact number(s) listed below.

NOTE
If NAS - Orange Phone is non-functional, utilize commercial back-up capability.

4. Record initial State contact times (Section 3).
5. After transmittal of message, record name of State contact (Section 4)
6. After all States notifications are completed, inform authorizing individual.

CONTACT NUMBERS		
	CONTROL ROOM	EOF/RC
NAS - ORANGE PHONE GROUP CALL	VT/NH/MA STATE POLICE 111	VT/NH/MA STATE EOCs 333
NAS INDIVIDUAL STATION CALL	VT STATE POLICE 213	VT STATE EOC 314
	NH STATE POLICE 212	NH STATE EOC 311
	MA STATE POLICE 210	MA STATE EOC 313
COMMERCIAL TELEPHONE BACKUP	VT STATE POLICE Primary - 802-244-8727 Alternate - 802-257-7101 or 802-875-2112	VT STATE EOC Switchboard - 802-244-8721 Direct Line - 802-241-5476
	NH STATE POLICE 603-271-3636	NH STATE EOC Switchboard - 603-271-2231 Direct Line - 603-223-3662
	MA STATE POLICE 413-584-3000	MA STATE EOC Switchboard - 508-820-2000 Direct Line - 508-820-2075

LPC1

STATES NOTIFICATION FOR A CONTROL ROOM EVACUATION

NOTE

If a warble tone is received when notifying the States using the 9-1-XXX-XXXX, the phone you are using is in the powerfail mode. Re-dial without using the 9, and be sure to use the alternate powerfail number for verification.

LPC 1

- VT State Police: 9-1-802-244-8727 or 9-1-802-257-7101 or 9-1-802-875-2112
- NH State Police: 9-1-603-271-3636
- MA State Police: 9-1-413-584-3000

Time Notification initiated: VT _____ NH _____ MA _____

NOTE

Bold text is the message content to be provided to State authorities.

This is Name: _____, Title: _____
at the Vermont Yankee Nuclear Power Station in Vernon, Vermont. Please do not interrupt until the entire message is completed.

- a) We have declared a Site Area Emergency at _____ hours due to an Evacuation of the Control Room. (S-8-d)
- b) The Plant is shut down. (Use unless better information is known.)
- c) A release is not expected to occur. (Use unless better information is known.)
- d) Present meteorological conditions: wind speed is _____ mph and wind direction is from _____ degrees.
- e) At the present time, we recommend the following protective actions: NONE
- f) Follow your State procedures for the designated classification.

PLEASE NOTE:

You are receiving this notification via commercial telephone. Verification phone number is _____, Ext. _____. Repeat. You are receiving this notification via commercial telephone. Verification phone number is _____, Ext. _____.

MESSAGE ACKNOWLEDGEMENTS: (Record information)

Receipt by (print/sign): _____

VT Name: _____	Time: _____
NH Name: _____	Time: _____
MA Name: _____	Time: _____

REMARKS:

VERMONT YANKEE NUCLEAR POWER STATION

OPERATING PROCEDURE

OP 3545

REVISION 1

ACTIVATION OF THE
EMERGENCY OPERATIONS FACILITY/RECOVERY CENTER (EOF/RC)

USE CLASSIFICATION: REFERENCE

LPC No.	Effective Date	Affected Pages
1	10/22/02	5 of 6

Implementation Statement: N/A

Issue Date: 06/06/02

PROCEDURE

NOTE
Steps may be performed concurrently or out of sequence.

Name (print): _____ Time/Date Initials

1.0 Establish the Emergency Operations Facility /Recovery Center for activation. (See Figures 1 & 2)

NOTE
Key staff are required to sign in on the staffing board in the SRM area.

2.0 Assign personnel as required to the various functions in the Emergency Operations facility. (Complete Table 1)

3.0 Prepare facilities for the arrival of off-site authorities and other support personnel.

3.1. Obtain keys for the EOF Emergency Equipment Cabinets from the Training Building Security desk and open cabinets. (See Table 2)

3.2. Organize equipment, status and mapboards per Figures 1 & 2.

_____ / _____

LPC
|
1

3.3. Turn on ERFIS PCs (3) and monitors located at the EOF/RC (per Figures 1 & 2) and display current meteorological data.

_____ / _____

3.3.1. Click on ODPS.

3.3.2. Click on Historical Meteorological Data – 1.

LPC
|
1

3.4. Contact Shift Staffing & Relief Planning to have an individual from IT move the color printer located on second floor of the Training Bldg and connect it to the ERFIS PC in Room 126.

_____ / _____

3.5. Check radios per OP 3504, Section F.4.a. and Figures 6 and 10.

_____ / _____

3.6. Set up fax machines and test by faxing between both machines.

_____ / _____

10 CFR 50.54(q) Evaluation Checklist

List of Emergency Plan Section(s)/Emergency Plan Implementing Procedure(s) or any other document to be evaluated. (Include Title and Revision No.):

1 Duke per telecom Andrea W. 10/14/02

OP 3540, Rev. 7, LPC #1 - Control Room Actions During an Emergency

A. Screening Evaluation

Based on a review of the following questions, determine if the change has the potential to affect our ability to meet the standards of 10 CFR 50.47(b) and the requirements of Appendix E to 10 CFR 50.

A "YES" answer to any part of the questions requires that a written evaluation be done to determine whether the effectiveness of the Emergency Plan was decreased as specified in Section B of this checklist.

A "NO" answer to all questions requires no written evaluation as specified in Section B of this checklist.

1. Could the proposed change affect our ability to meet the following standards of 10 CFR 50.47(b):
- (1) Assignment of Emergency Response Organization responsibilities YES NO
 - (2) Assignment of on-shift Emergency Response Organization personnel YES NO
 - (3) Arrangements for Emergency Response Support and Resources YES NO
 - (4) Emergency Classification and Action levels, including facility system and effluent parameters YES NO
 - (5) Notification Methods and Procedures YES NO
 - (6) Emergency Communications among principal response organizations and the public YES NO
 - (7) Public Education and Information YES NO
 - (8) Adequacy of Emergency Facilities and Equipment YES NO
 - (9) Adequacy of Accident Assessment methods, systems and equipment YES NO
 - (10) Plume exposure pathway EPZ protective actions YES NO
 - (11) Emergency Worker Radiological Exposure Control YES NO
 - (12) Medical Services for contaminated injured individuals YES NO
 - (13) Recovery and Reentry Plans YES NO
 - (14) Emergency response periodic drills and exercises YES NO
 - (15) Radiological Emergency Response Training YES NO
 - (16) Plan development, review and distribution YES NO

10 CFR 50.54(q) Evaluation Checklist (Continued)

2. Could the change affect our ability to meet the following requirements of Appendix E to 10 CFR 50.

- | | | |
|---|-----|-------------------------------------|
| (1) Section IV. A - Organization | YES | <input checked="" type="radio"/> NO |
| (2) Section IV. B - Assessment Actions | YES | <input checked="" type="radio"/> NO |
| (3) Section IV. C - Activation of Emergency Organizations | YES | <input checked="" type="radio"/> NO |
| (4) Section IV. D - Notification Procedures | YES | <input checked="" type="radio"/> NO |
| (5) Section IV. E - Emergency Facilities and Equipment | YES | <input checked="" type="radio"/> NO |
| (6) Section IV. F - Training | YES | <input checked="" type="radio"/> NO |
| (7) Section IV. G - Maintaining Emergency Preparedness | YES | <input checked="" type="radio"/> NO |
| (8) Section IV. H - Recovery | YES | <input checked="" type="radio"/> NO |

B. Effectiveness Determination

For each applicable (i.e., a "yes" answer specified) standard to 10 CFR 50.47(b) and Appendix E to 10 CFR 50 identified from Section A above, complete the evaluation form below to determine whether the change decreases the effectiveness of the Emergency Plan and whether it continues to meet the stated applicable standard or requirement.

A facsimile of the evaluation form may be used as needed and attached to this checklist.

For applicable item 10 CFR 50 N/A of Section A above, this change (~~DOES~~/~~DOES NOT~~) decrease the effectiveness of the Emergency Plan and (~~DOES~~/~~DOES NOT~~) continue to meet the stated applicable standard or requirement.

BASIS FOR ANSWER:

Changes made were of editorial nature only. The state police for MA phone numbers changed and the state police for VT added two additional numbers. The change does not decrease the effectiveness and continues to meet the requirements.

10 CFR 50.54(q) Evaluation Checklist (Continued)

C. Conclusion (Fill out appropriate information)

- The changes made do not decrease the effectiveness of the Emergency Plan and continue to meet the standards of 10 CFR 50.47(b) and the requirements of Appendix E to 10 CFR 50.
- The changes made do decrease the effectiveness of the Emergency Plan and decrease our ability to meet the standards of 10 CFR 50.47(b) and the requirements of Appendix E to 10 CFR 50. The following course of action is recommended:
 - Revise proposed changes to meet applicable standards and requirements.
 - Cancel the proposed changes.
 - Process proposed changes for NRC approval prior to implementation in accordance with 10 CFR 50.54(q).

D. Impact on Other Documents (TRM, Tech Specs)

Keywords used in search: _____

- This change does not affect any other documents.
- This change does affect other documents.

Document(s) affected: OP 3546

Section(s) affected: VYDPF 3546.02 pg 1 of 2

E. Impact on the Updated FSAR

Use AP 6036 to determine if the proposed E-Plan change modifies existing UFSAR information or requires the addition of new UFSAR information and initiate UFSAR change(s) as required.

Keywords used in UFSAR search: _____

Additional Comments:

Prepared By: Audra Williams Audra Williams Date: 9-23-02
(Print/Sign)

Reviewed By: Lori A. Tkaczyk Lori A. Tkaczyk Date: 9/23/02
(Emergency Plan Coordinator) (Print/Sign)

10 CFR 50.54(q) Evaluation Checklist

List of Emergency Plan Section(s)/Emergency Plan Implementing Procedure(s) or any other document to be evaluated. (Include Title and Revision No.):

OP 3545, Rev. 1, LPC#1, Activation of the Emergency Operations Facility/Recovery Center (EOF/RC)

A. Screening Evaluation

Based on a review of the following questions, determine if the change has the potential to affect our ability to meet the standards of 10 CFR 50.47(b) and the requirements of Appendix E to 10 CFR 50.

A "YES" answer to any part of the questions requires that a written evaluation be done to determine whether the effectiveness of the Emergency Plan was decreased as specified in Section B of this checklist.

A "NO" answer to all questions requires no written evaluation as specified in Section B of this checklist.

1. Could the proposed change affect our ability to meet the following standards of 10 CFR 50.47(b):

- | | | |
|---|-----|-------------------------------------|
| (1) Assignment of Emergency Response Organization responsibilities | YES | <input checked="" type="radio"/> NO |
| (2) Assignment of on-shift Emergency Response Organization personnel | YES | <input checked="" type="radio"/> NO |
| (3) Arrangements for Emergency Response Support and Resources | YES | <input checked="" type="radio"/> NO |
| (4) Emergency Classification and Action levels, including facility system and effluent parameters | YES | <input checked="" type="radio"/> NO |
| (5) Notification Methods and Procedures | YES | <input checked="" type="radio"/> NO |
| (6) Emergency Communications among principal response organizations and the public | YES | <input checked="" type="radio"/> NO |
| (7) Public Education and Information | YES | <input checked="" type="radio"/> NO |
| (8) Adequacy of Emergency Facilities and Equipment | YES | <input checked="" type="radio"/> NO |
| (9) Adequacy of Accident Assessment methods, systems and equipment | YES | <input checked="" type="radio"/> NO |
| (10) Plume exposure pathway EPZ protective actions | YES | <input checked="" type="radio"/> NO |
| (11) Emergency Worker Radiological Exposure Control | YES | <input checked="" type="radio"/> NO |
| (12) Medical Services for contaminated injured individuals | YES | <input checked="" type="radio"/> NO |
| (13) Recovery and Reentry Plans | YES | <input checked="" type="radio"/> NO |
| (14) Emergency response periodic drills and exercises | YES | <input checked="" type="radio"/> NO |
| (15) Radiological Emergency Response Training | YES | <input checked="" type="radio"/> NO |
| (16) Plan development, review and distribution | YES | <input checked="" type="radio"/> NO |

10 CFR 50.54(q) Evaluation Checklist (Continued)

2. Could the change affect our ability to meet the following requirements of Appendix E to 10 CFR 50.

- | | | |
|---|-----|-------------------------------------|
| (1) Section IV. A - Organization | YES | <input checked="" type="radio"/> NO |
| (2) Section IV. B - Assessment Actions | YES | <input checked="" type="radio"/> NO |
| (3) Section IV. C - Activation of Emergency Organizations | YES | <input checked="" type="radio"/> NO |
| (4) Section IV. D - Notification Procedures | YES | <input checked="" type="radio"/> NO |
| (5) Section IV. E - Emergency Facilities and Equipment | YES | <input checked="" type="radio"/> NO |
| (6) Section IV. F - Training | YES | <input checked="" type="radio"/> NO |
| (7) Section IV. G - Maintaining Emergency Preparedness | YES | <input checked="" type="radio"/> NO |
| (8) Section IV. H - Recovery | YES | <input checked="" type="radio"/> NO |

B. Effectiveness Determination

For each applicable (i.e., a "yes" answer specified) standard to 10 CFR 50.47(b) and Appendix E to 10 CFR 50 identified from Section A above, complete the evaluation form below to determine whether the change decreases the effectiveness of the Emergency Plan and whether it continues to meet the stated applicable standard or requirement.

A facsimile of the evaluation form may be used as needed and attached to this checklist.

For applicable item 10 CFR 50 N/A of Section A above, this change ~~(DOES)~~ ~~(DOES NOT)~~ decrease the effectiveness of the Emergency Plan and ~~(DOES)~~ ~~(DOES NOT)~~ continue to meet the stated applicable standard or requirement.

BASIS FOR ANSWER:

The changes made were to add formality by proceduralizing the step that IT already performs. This does not decrease the effectiveness of the EPlan and continues to meet all requirements.

10 CFR 50.54(q) Evaluation Checklist (Continued)

C. Conclusion (Fill out appropriate information)

- The changes made do not decrease the effectiveness of the Emergency Plan and continue to meet the standards of 10 CFR 50.47(b) and the requirements of Appendix E to 10 CFR 50.
- The changes made do decrease the effectiveness of the Emergency Plan and decrease our ability to meet the standards of 10 CFR 50.47(b) and the requirements of Appendix E to 10 CFR 50. The following course of action is recommended:
 - Revise proposed changes to meet applicable standards and requirements.
 - Cancel the proposed changes.
 - Process proposed changes for NRC approval prior to implementation in accordance with 10 CFR 50.54(q).

D. Impact on Other Documents (TRM, Tech Specs)

Keywords used in search: _____

This change does not affect any other documents.

This change does affect other documents.

Document(s) affected: _____

Section(s) affected: _____

E. Impact on the Updated FSAR

Use AP 6036 to determine if the proposed E-Plan change modifies existing UFSAR information or requires the addition of new UFSAR information and initiate UFSAR change(s) as required.

Keywords used in UFSAR search: _____

Additional Comments:

Prepared By: Audra Williams *Audra Williams*
(Print/Sign)

Date: 10/14/02

Reviewed By: Lori A. Tkaczyk *Lori A. Tkaczyk*
(Emergency Plan Coordinator) (Print/Sign)

Date: 10/14/02