July 12, 2001

United States Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D. C. 20555-0001
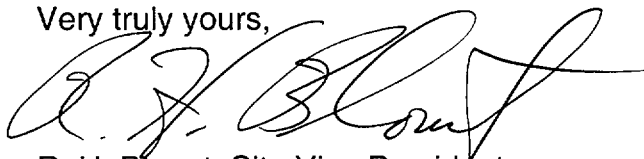
Serial No.   01-394
SS&L/BAG   R0
Docket No.   50-280
                     50-281
License No. DPR-32
                     DPR-37

Gentlemen:

VIRGINIA ELECTRIC AND POWER COMPANY
SURRY POWER STATION UNITS 1 AND 2
REVISIONS TO EMERGENCY PLAN IMPLEMENTING PROCEDURES

Pursuant to 10 CFR 50.54(q), enclosed are revisions to three Surry Power Station Emergency Plan Implementing Procedures. The revisions do not implement actions which decrease the effectiveness of our Emergency Plan. The Emergency Plan and Implementing Procedures continue to meet the standards of 10 CFR 50.47(b). Please update your manual by performing the actions described in the enclosed tabulation of changes.

Very truly yours,

R. H. Blount, Site Vice President
Surry Power Station

Enclosure

Commitments contained in this letter: None.

cc: U. S. Nuclear Regulatory Commission, Region II (2 copies)
         Sam Nunn Atlanta Federal Center
         61 Forsyth Street S.W., Suite 23 T85
         Atlanta, Georgia 30303-8931

         Mr. R. A. Musser
         NRC Senior Resident Inspector
         Surry Power Station

A045

VIRGINIA ELECTRIC AND POWER COMPANY
REVISION TO SURRY POWER STATION
EMERGENCY PLAN IMPLEMENTING PROCEDURE

Enclosed are revisions to Surry Power Station Emergency Plan Implementing Procedures. Please take the following actions in order to keep your manual updated with the most recent revisions.

REMOVE AND DESTROY:	EFFECTIVE DATE:	INSERT:	EFFECTIVE DATE:
EPIP-3.04, Rev. 15	06/04/99	EPIP-3.04, Rev. 16	06/21/01
EPIP-3.05, Rev. 1	04/19/00	EPIP-3.05, Rev. 2	06/21/01
EPIP-5.03, Rev. 21	01/23/99	EPIP-5.03, Rev. 22	06/21/01

Emergency Plan Privacy and Proprietary Material have been removed.
Reference Generic Letter No. 81-27

NUMBER	PROCEDURE TITLE	REVISION
EPIP-3.04	ACTIVATION OF LOCAL EMERGENCY OPERATIONS FACILITY	16
	(With 2 Attachments)	**PAGE** 1 of 2

PURPOSE

Provide guidance to personnel performing initial activation of LEOF.

ENTRY CONDITIONS

Any one of the following:

1. Declaration of an Alert, Site Area Emergency or General Emergency.

2. Direction of the Station Emergency Manager through the on-duty Security Team Leader.

Approvals on File

Effective Date 06|21|01

STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED

_____ 1 INITIATE PROCEDURE:

- By: _____

    Date: _____

    Time: _____

_____ 2 GET KEYS TO LEOF FROM SECURITY TEAM LEADER

_____ 3 GO TO LEOF

_____ 4 INITIATE ATTACHMENT 1, LEOF HEATING VENTILATION AND AIR CONDITIONING (HVAC) SET-UP

_____ 5 ESTABLISH/MAINTAIN ACCESS CONTROL:

a) Maintain physical control of LEOF using Attachment 2, LEOF Access Control Procedure

b) WHEN LEOF is deactivated, THEN GO TO Step 6

_____ 6 TERMINATE EPIP-3.04:

- Give completed EPIP-3.04, forms and other applicable records to Security Team Leader

- Completed by: _____

        Date: _____

        Time: _____

-END-

****

CAUTION: Damper indicator lights should show the damper fully closed (Green) or damper fully open (Red) prior to performing the next step in sequence.

Damper position changes may take about 15 seconds.

****

STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED
__ 1.	TURN UPPER AIR HANDLER SWITCH (AUTO, OFF, MANUAL) TO OFF POSITION	
__ 2.	TURN LOWER AIR HANDLER SWITCH (NORMAL, EMER) TO EMER POSITION	
__ 3.	PUSH DAMPER 2 OPEN	
__ 4.	VERIFY DAMPER 2 LIGHT - RED (DAMPER 2 fully open)	IF RED DAMPER 2 light does NOT illuminate, THEN GO TO Step 14.
__ 5.	PUSH DAMPER 1 CLOSE	
__ 6.	VERIFY DAMPER 1 LIGHT - GREEN (DAMPER 1 fully closed)	IF GREEN DAMPER 1 light does NOT, illuminate, THEN GO TO Step 14.
__ 7.	VERIFY DAMPER 3 LIGHT - RED (DAMPER 3 fully open)	IF RED DAMPER 3 light NOT illuminated, THEN do the following: a) Push DAMPER 3 OPEN. b) IF RED DAMPER 3 light illuminates, THEN GO TO Step 8. IF RED DAMPER 3 light does NOT illuminate, THEN GO TO Step 14.
__ 8.	TURN UPPER AIR HANDLER SWITCH (AUTO, OFF, MANUAL) TO MANUAL POSITION	

STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED
__ 9.	VERIFY A. H. FAN LIGHT ON - RED (Air Handler Fan - ON)	IF A. H. FAN light does NOT illuminate, THEN GO TO Step 14.
__ 10.	PUSH HEPA FILTER FAN START (RUN)	
__ 11.	VERIFY HEPA FILTER LIGHT ON - RED (HEPA Fan running)	IF RED HEPA Filter Fan light does NOT illuminate, THEN GO TO Step 14.
__ 12.	VERIFY COMPUTER ROOM HVAC LIGHT ON - RED (Computer Room HVAC running)	IF RED Comp. Rm. HVAC light NOT illuminated, THEN do the following: a) Push Comp. Rm. HVAC Start (RUN). b) IF RED Comp. Rm. HVAC light illuminates, THEN GO TO Step 13. IF RED Comp. Rm. HVAC light NOT illuminated, THEN GO TO Step 14.
__ 13.	RETURN TO EPIP-3.04 PROCEDURE STEP IN EFFECT	
__ 14.	NOTIFY THE FOLLOWING THAT ATTEMPT TO PLACE HVAC SYSTEM IN EMERGENCY MODE FAILED AS INDICATED BY HVAC PANEL INDICATOR LIGHTS FAILING TO ILLUMINATE: • Security Team Leader (Ask that Station Emergency Manager be notified) • Senior LEOF emergency responder (if any are present or when first responder arrives)	
__ 15.	RETURN TO EPIP-3.04 PROCEDURE STEP IN EFFECT	

NOTE: The purpose of this attachment is to ensure proper identification and authorization of all persons entering and exiting the LEOF.

1. PERSONNEL INGRESS AND EGRESS:

   a. Establish ingress/egress control point at side entrance door (refer to diagram below).

SIDE ENTRANCE
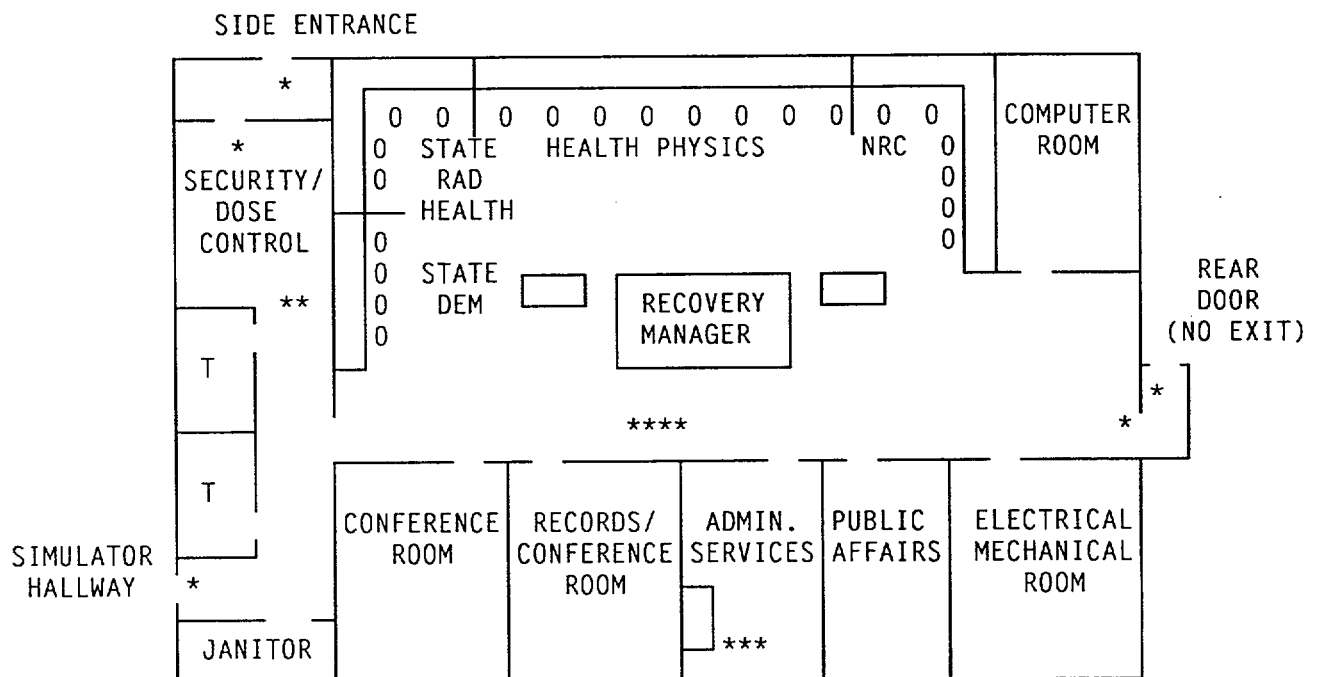
*   Vestibule Doors (5 Doors)

**   Access Control Point

***   Emergency Supply Cabinet

****   HVAC System Panel

   b. Notify Security Team Leader that LEOF access control has been established.

   c. Monitor personnel ingress and egress.

2. <u>CLASSIFICATION OF PERSONNEL</u>:

   a. Dominion employees

   b. Visitors - to include:

      - Representatives of Federal Agencies
      - Representatives of State Agencies
      - Representatives of Local Agencies
      - Other

<u>NOTE</u>: Priority will be given to Dominion personnel. Individuals requiring authorization should be asked to step aside while Dominion personnel are processed into the facility.

3. <u>ACCESS AUTHORIZATION</u>:

   a. Positive identification is required for entry. Visual recognition or possession of valid identification satisfies the identification requirement. Visitor identification must identify both the individual and the Federal, State or local organization represented.

   b. <u>IF</u> the above conditions are not met, <u>THEN</u> access must be approved by one of the following:

      - Recovery Manager
      - LEOF Services Coordinator
      - LEOF Operations Support Coordinator
      - Security Team Leader (by radio or telephone)

   c. There will be no requirement for vistors to be under escort unless directed by one of the above access approval authorities.

   d. Entry and exit from the LEOF will be in accordance with appropriate Health Physics (HP) procedures and, when circumstances require, may be at the direction of HP.

4. PERSONNEL BADGING:

   a. Security may grant access to LEOF in either of the following ways:

      • Security will obtain photo identification (ID) showing individual's name and organization (for recording on the LEOF Access Log later).

      • Security will require the individual to enter their name and organization on the LEOF Access Log.

   b. After either of the conditions in Step 4.a have been satisfied, each person will be issued an LEOF Security ID Badge. (The badge is to be displayed on the person's chest area at all times while in the LEOF.)

   c. Badge Issuance:

      • Dominion Employees: White colored background   (100-150)
      • Federal Agency Personnel: Blue colored background   (200-250)
      • State Agency Personnel: Green colored background   (300-325)
      • Local Agency Personnel: Yellow colored background   (400-425)
      • Miscellaneous Personnel: Red colored background   (500-525)

   d. IF personnel entered LEOF prior to when access control was established, THEN ask senior individual in LEOF to direct personnel without LEOF Security ID Badges to exit LEOF (as time permits and without disrupting response activities) and process through ingress/egress control point.

5. PERSONNEL ACCOUNTABILITY:

   a. Security will ensure the following information is recorded on an LEOF Access Log. (Items 1-4 may be recorded at the time of entry or later by Security from information on individual's photo IDs.)

      (1) Badge number issued
      (2) Name of individual
      (3) Company/organization represented (Dominion)
      (4) Time of entry
      (5) Time of exit
      (6) Access authorized by (if applicable)
      (7) Escort required (if applicable)

   b. Security will recover LEOF Security ID Badges when personnel exit the LEOF.

   c. Individual photo IDs exchanged for an LEOF Security ID Badge at the time of entry will be returned to the individual when their LEOF Security ID badge is recovered.

NUMBER	PROCEDURE TITLE	REVISION
EPIP-3.05	AUGMENTATION OF EMERGENCY RESPONSE ORGANIZATION	2
	(With No Attachments)	**PAGE** 1 of 5

PURPOSE

Provide guidance for notifying the augmentation emergency response organization (ERO).

ENTRY CONDITIONS

Any one of the following:

1. Declaration of an Alert, Site Area Emergency or General Emergency.

2. Direction of the Station Emergency Manager through the on-duty Security Team Leader.

Approvals on File

Effective Date 06|21|01

STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED

_____ 1   INITIATE PROCEDURE:

- By: _____

  Date: _____

  Time: _____

_____ 2   USE INSTRUCTIONS IN SEALED
           ENVELOPE TO ACTIVATE
           SURRY AND INNSBROOK GROUP PAGERS

_____ 3   USE INSTRUCTIONS IN SEALED
           ENVELOPE TO DIRECT COMMUNITY ALERT
           NETWORK (CAN) TO IMPLEMENT
           NOTIFICATION

STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED

____ 4	CHECK CAN - ABLE TO PERFORM AUGMENTATION NOTIFICATION	IF CAN NOT able to perform augmentation notification, THEN do the following:
		
		a) Notify Innsbrook Security.
		
		b) Call 8-730-2020 (Network) ((804) 273-2020 (Public))
		
		c) Provide the following information:
		
		  1) Title/Name
		
		  2) Location
		
		  3) Emergency classification
		
		  4) Indicate results of pager activation attempts:
		
		    • Surry Group Pager
		    • Innsbrook Group Pager
		
		d) Direct Innsbrook Security to initiate back-up ERO augmentation notification IAW CPIP-3.4, INNSBROOK SECURITY SUPPORT.
		
		e) GO TO Step 6.

STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED

_____ 5   NOTIFY INNSBROOK SECURITY:

    a) Call 8-730-2020 (Network)
       ((804) 273-2020 (Public))

    b) Provide the following
       information:

       1) Title/Name

       2) Location

       3) Emergency classification

_____ 6   NOTIFY PERSONNEL IN ADMINISTRATIVE
     BUILDING:

    a) Call Administrative Building
       Public Address system access
       number

    b) Read the following announcement
       (insert event classification in
       blank space):

> This is an emergency message.
> A(n) _____ has been
> declared. All emergency response
> personnel report to your assigned
> stations. All other personnel
> report to the cafeteria for plant
> status updates.

_____ 7   INITIATE GENERAL ORDER #15 (REMOTE
     AREA EMERGENCY NOTIFICATIONS)

STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED

_____ 8 TERMINATE EPIP-3.05:

- Give completed EPIP-3.05, forms
  and other applicable records to
  Security Team Leader

- Completed by: _____

         Date: _____

         Time: _____

-END-

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And Annotated to A Controlled Source
As Required to Perform Work

VIRGINIA POWER
SURRY POWER STATION
EMERGENCY PLAN IMPLEMENTING PROCEDURE

NUMBER	PROCEDURE TITLE	REVISION
EPIP-5.03	PERSONNEL ACCOUNTABILITY	22
	(With No Attachments)	**PAGE** 1 of 7

PURPOSE

To identify missing personnel inside the Protected Area within 30 minutes following announcement that an Alert or higher emergency classification has been declared.

ENTRY CONDITIONS

Any one of the following:

1. Announcement or other communication indicating an Alert or higher emergency classification has been declared.

2. Direction by the Station Emergency Manager.

Approvals on File

Effective Date 06\21\01

STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED
_____ 1	INITIATE PROCEDURE: • By: _____ Date: _____ Time: _____	
_____ 2	CHECK ACCOUNTABILITY TO BE PERFORMED WITHOUT EVACUATION	IF accountability being taken after evacuation, THEN GO TO Step 4.

STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED

____ 3 DO ACCOUNTABILITY WITHOUT
EVACUATION:

   a) Make Gai-Tronics announcement
as follows:

     "Emergency Assembly Area
leaders within the Protected
Area take accountability"

     "Firewatches call Security"

   b) Repeat announcement

   c) Make list of firewatches and
firewatch post locations

   d) Check Security Computer -
OPERABLE

             d) IF Security Computer NOT
operable, THEN do the following:

               1) Use any available means to
determine list of personnel
in Protected Area.

               2) Initiate entry/exit log to
keep track of individuals
entering and leaving the
Protected Area.

               3) GO TO Step 3.f.

   e) Make Security Computer printout
of personnel inside the
Protected Area

   f) Wait about 10 minutes after
doing Step 3.a, THEN make
Gai-Tronics announcement as
follows:

     "Emergency Assembly Area
leaders inside the Protected
Area [bring] [call-in] results
of accountability to _____"

   g) Repeat announcement

   h) GO TO Step 5

STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED

____ 4 DO ACCOUNTABILITY AFTER EVACUATION:

a) Make Gai-Tronics announcement
   as follows:

   "Emergency Response Facility
   Leaders take accountability and
   call-in results to Security at
   _____ "

b) Repeat announcement

c) Check Security Computer -
   OPERABLE

      c) IF Security Computer NOT
         operable, THEN do the following:

         1) Use any available means to
            determine list of personnel
            in Protected Area.

         2) Initiate entry/exit log to
            keep track of individuals
            entering and leaving the
            Protected Area (excluding
            evacuees).

         3) GO TO Step 5.

d) Enter evacuee badges into
   Security Computer

e) Make Security Computer printout
   of personnel inside the
   Protected Area

____ 5 IDENTIFY MISSING PERSONNEL:

a) Compare Emergency Assembly Area
   badge number lists to the list
   of visitor and badged personnel
   inside the Protected Area

b) Make a list of badge numbers
   and names of missing personnel
   (if any)

STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED
_____ 6	NOTIFY SEM OF INITIAL ACCOUNTABILITY RESULTS (or EAD if TSC activated)	
_____ 7	CHECK PERSONNEL - MISSING	IF all personnel accounted for, THEN GO TO Step 10.
_____ 8	TRY TO LOCATE MISSING PERSONNEL:	
	a) Ask Radiation Protection to determine if missing individual(s) logged into RCA	
	b) Page missing individual(s) using Gai-Tronics	
	c) Try to determine location of missing individual(s) from the following sources:	
	• Ask individual's supervisor or co-workers	
	• Review Security Computer report for last key card entry	
	d) Check missing individual(s) - LOCATED	d) IF missing individual(s) NOT located and search is to be conducted, THEN GO TO Step 9.
	e) Notify SEM (EAD if TSC activated)	
	f) GO TO Step 10	

STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED

* *

CAUTION: Searches of hazardous areas should be made by the Fire Team.

* *

NOTE: HP monitoring requirements may limit the number of search teams that can be formed for searches within the RCA.

9   INITIATE SEARCH FOR MISSING INDIVIDUAL(S):

a) Consider the following when developing search plan:

- Start search from last known location of missing individual(s)

- Do route search if missing individual(s) destination known

- Expand search radius from last known location

- Eliminate search of areas where exit records are maintained

b) Consider hazards:

- Radiation and contamination

- Toxic gases

- High pressure steam

- Structural damage

- Electrical

- Natural events
(STEP 9 CONTINUED ON NEXT PAGE)

STEP	ACTION/EXPECTED RESPONSE	RESPONSE NOT OBTAINED

9 INITIATE SEARCH FOR MISSING INDIVIDUAL(S): (Continued)

c) Check if non-Security personnel needed to augment search effort (including Fire Team members if search is in a hazardous area)

    c) IF NO assistance required, THEN GO TO Step 9.e.

d) Ask SEM to get personnel for augmented search effort (ask EAD if TSC activated)

e) Notify SEM of search plans and status of search efforts (notify EAD if TSC activated)

f) Check missing individual(s) - LOCATED

    f) Continue search effort until missing individual(s) found or SEM terminates search.

g) Notify SEM (or EAD if TSC activated)

_____ 10 TERMINATE EPIP-5.03:

- Give completed EPIP-5.03, forms and other applicable records to the Security Team Leader

- Completed by: _____

    Date: _____

    Time: _____

-END-