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United States Nuclear Regulatory Commission
ATTENTION: Document Control Desk
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT
DOCKET NO. 50-400/LICENSE NO. NPF-63
CHANGE TO EMERGENCY PLAN IMPLEMENTING PROCEDURES

Dear Sir or Madam:

In accordance with 10 CFR 50, Appendix E, Carolina Power & Light Company is transmitting one copy each of recently revised Harris Nuclear Plant Emergency Plan implementing procedures. The enclosure to this letter identifies the revised emergency plan implementing procedures and the effective date.

Questions regarding this submittal may be referred to Mr. J. R. Caves at (919) 362-3137.

Sincerely,

R. J. Field
Manager, Regulatory Affairs
Harris Nuclear Plant

MGW

Enclosures

c: Mr. J. B. Brady (NRC Senior Resident Inspector, HNP)
Mr. J. M. Goshen (NRR Project Manager, HNP)
Mr. L. A. Reyes (NRC Regional Administrator, Region II) two copies of procedure

A045

CHANGE TO EMERGENCY PLAN IMPLEMENTING PROCEDURES

PROCEDURE NUMBER	TITLE	EFFECTIVE DATE
PEP-430, Revision 2	Routine Maintenance and Testing of the Dialogic System	03/12/02

CAROLINA POWER & LIGHT COMPANY

SHEARON HARRIS NUCLEAR POWER PLANT

PLANT OPERATING MANUAL

VOLUME 2

PART 5

PROCEDURE TYPE: Plant Emergency Procedure

NUMBER: PEP-430

PROCEDURE TITLE: Routine Maintenance and Testing of the Dialogic System

Table of Contents

1.0   PURPOSE

The purpose of this procedure is to provide a method for performing routine maintenance and testing of the Dialogic System.

2.0   INITIATING CONDITIONS

1.   Changes need to be made to the data base of the Dialogic System.

2.   Testing of the Dialogic System needs to be performed.

3.0   PROCEDURE STEPS

3.1   Maintaining the Dialogic System

CAUTION

DO NOT PLACE THE DIALOGIC SYSTEM IN AN INOPERABLE CONDITION WITHOUT FIRST NOTIFYING THE MAIN CONTROL ROOM.

NOTE: Roster changes may be made using the appropriate steps in this Section. The steps may be performed out of sequence.

1.   Roster Additions/Changes

a.   Select ROSTER from the MAIN MENU screen. Then select ROSTER PERSONNEL. (The system displays the roster list which presents a page of existing roster members.)

b.   Select "Insert" on the keyboard. (The system displays a blank Personnel Maintenance screen.)

c.   Input the following required data in the upper section of the page:

NOTE: "Pager S/N" and "Rotate Pager" are normally left blank.

(1)   ID Code (Social Security Number, no hyphens needed)

(2)   First Name

(3)   Last Name

(4)   Team Assignment (always use 1)

(5)   Pre-Disqualify ("Y" if fully qualified, "N" if not fully qualified)

d.   Select "ALT N" or "TAB" to enter the lower section of the page.

e.   Select "Enter". (The system displays the Phone Number Maintenance screen)

f.   Select the appropriate Phone Type (Home, Work, Pager, Other).

g.   Enter the appropriate Phone Number (no hyphen or area code is needed)

3.1   Maintaining the Dialogic System (continued)

          h.   Select the F10 Key to save the new data.

     2.   Group Additions/Changes

NOTE: A Group is a set of one or more roster personnel collected under a functional
        position on the Emergency Response Organization Roster (such as, Site Emergency
        Coordinator, Dose Projection Team, and so forth.) A more detailed description of
        Groups and their functions may be found in the Communicator's User's Guide.

NOTE: Group changes may be made using only the appropriate steps in this Section.

          a.   Select SCENARIO MAINTENANCE from the MAIN MENU screen.   Then
                 select GROUPS. (The system displays the Group Maintenance screen
                 which presents a page of existing Groups.)

          b.   Add a new Group by pressing "Insert" on the keyboard. (The system
                 displays the GROUP ID/GROUP DESCRIPTION screen)

          c.   Enter a new Group ID (such as, ERM, DPTL).

          d.   Enter a more complete Group Description (such as, Emergency
                 Response Manager, Dose Projection team Leader).

          e.   Select the F10 key to save the new data.

     3.   List Additions/Changes

NOTE: A List can be either a collection of Groups placed together to be notified in a
        predictable manner, a Group Page, or even a collection of other Lists combined
        to be notified in a certain sequence. A more detailed description of Lists and
        their functions may be found in the Communicator User=s Guide.

NOTE: List changes may be made using only the appropriate steps in this Section.

          a.   Select SCENARIO RESOURCES from the MAIN MENU screen.   Then select
                 LISTS. (The system displays the LIST DEFINITION MAINTENANCE screen
                 which presents a page of existing Lists.)

          b.   Add a new List by pressing "Insert" on the keyboard. (The system
                 displays the LIST ID/LIST DESCRIPTION screen.)

          c.   Enter a new List ID (such as, EROCALL, PAGE).

          d.   Enter a more complete List Description (such as, ERO Call/Page
                 List, Group Page).

          e.   Choose a List Type from available selections based on the function
                 of the List being created. (Select the F2 key to check the
                 available choices.)

          f.   Select "TAB" to enter the List Type box in the middle of the
                 screen.

          g.   Select "Enter" and a small choice screen will appear.

3.1   Maintaining the Dialogic System (continued)

   h. Select "Person" or Group"(Group is usually selected). A
      "Select a Group" box will then appear.

   i. Select the appropriate Groups by arrowing down through the list
      and pressing Enter for each one. (This tags them for mass entry
      into the List.)

   j. Select F10 to save the data.

  4. Call Flow Additions/Changes

NOTE: A Call Flow is a sequence of statements and prompts spoken to a caller or call
   recipient based on the responses entered during the call. A primary function of
   a Call Flow is to "qualify" a member when contacted as part of a scenario.

   a. Select SCENARIO RESOURCES from the MAIN MENU screen. Then select
      CALL FLOW. (The system displays the CALL FLOW MAINTENANCE screen
      which presents a screen of existing Call Flows.)

   b. Add a new Call Flow by pressing "Insert" on the keyboard. (The
      system displays the Type/Call Flow ID/Description window.)

   c. Select a new Call Flow Type (usually a LIST Call Flow).

   d. Enter a Call Flow ID (A "name" for the Call Flow, such as SITE).

   e. Enter a more complete Call Flow Description (such as, SITE
      EMERGENCY CALL FLOW) and press "Enter". The system will display
      the CALL FLOW DEFINITION window.

NOTE: The system executes the steps of a Call Flow in the sequence they appear, unless
   the step indicates that the call flow is to branch to a different step. Some
   types of commands do not allow you to specify the step to go to, so it is
   essential that you place them in the proper position when adding them.

NOTE: Certain General and Global speech segments are automatically used by the system
   and do not need to be inserted into a call flow (such as, Inbound/Outbound
   "Hello" and "Goodbye" segments).

   f. Insert the Steps of the Call Flow in the sequence that you want
      them to be executed. For each Step the list shows:

     (1) **St** - The sequence number of the Step

     (2) **R** - An asterisk in this column indicates that the speech
        associated with this step has not been recorded. An @
        indicates that a speech segment has been assigned.

     (3) **Mod** - The execution mode during which the command is to be
        performed (E = Emergency, D = Drill, T = Test).

     (4) **Command** - The action to be performed by this step of

3.1   <u>Maintaining the Dialogic System</u> (continued)

the call flow (for example, speak a statement).

(5)   **Argument** - The information is to be used while performing
the command (for example, disqualify the person based on a
"No" response).

(6)   **Go To** - The step in the call flow to which the system is to
proceed after executing the current step.

(7)   **V** - Whether the system is to give the respondent a chance to
verify the information just entered (for example, "You
entered...two, zero. Is that correct? Press 9 for yes or 6
for no. ")

(8)   **Description** - A brief description of the step

g.   Press "Enter" and the system will display the Call Flow Item
Maintenance window.

<u>NOTE</u>: To qualify a member, the Call Flow must include a Qualify command as one of its
steps.

h.   Insert information based on the desired effect. (See the
Communicator User's Guide for details on the various Call Flow
Commands.)

i.   Press "F10" to save the data.

j.   Record a step's speech segment by:

(1)   Recording a separate speech segment for each step, as
necessary, or

(2)   Inserting a pre-recorded speech segment from the Global or
General Speech Descriptions found under Utilities.

5.   Pager Script Additions/Changes

<u>NOTE</u>: A pager script is a set of instructions that the system is to perform when
dialing a pager (individual page) or paging terminal (group page) and delivering
the appropriate message to the pager as part of a scenario.

a.   Select SCENARIO RESOURCES from the MAIN MENU screen. Then select
PAGER SCRIPTS. (The system displays the PAGER SCRIPT MAINTENANCE
screen which presents a screen of existing Pager Scripts.)

b.   Add a new Pager Script by pressing "Insert" on the keyboard. (The
system displays the Pager Script Definition window.)

c.   Enter a "Script ID" for the new Pager Script (A "name" for the
Pager Script, such as SITE).

d.   Enter a "Description" for the new Pager Script (such as, SITE
EMERGENCY PAGER SCRIPT).

e.   Press "Enter" and the system will display the "PAGER SCRIPT ITEM
MAINTENANCE" window.

3.1   Maintaining the Dialogic System (continued)

       f.   Insert the Steps of the Pager Script in the sequence that you want
them to be executed. For each Step the list shows:

          (1)   **Step** - The sequence number of the Step.

          (2)   **-R-** - N/A for HNP.

          (3)   **Command** - The action to be performed.

          (4)   **Argument** - The information to be used in performing the
command.

       g.   Insert information based on the desired effect. (See the
Communicator User's Guide for details on the various Script
Commands.)

6.   Scenario Additions/Changes

NOTE: A scenario is a situation or event (such as, a declared emergency or drill) for
which you wish to place or receive calls.

       a.   Select SCENARIO RESOURCES from the MAIN MENU screen. Then select
SCENARIOS. (The system displays the SCENARIO MAINTENANCE screen
which presents a screen of existing Scenarios.)

       b.   Add a new Scenario by pressing "Insert" on the keyboard. (The
system displays the Scenario window.)

       c.   Enter a "Scenario ID" for the new Scenario (A 2-digit number for
emergency scenarios or a 4-digit number for drill/test scenarios).

       d.   Enter a "Description" for the new Scenario (such as, SITE
EMERGENCY).

       e.   Insert the steps in the scenario by either:

          (1)   Selecting from the available list of options for each step
by pressing "F2", or

          (2)   Entering the appropriate information for the step (such as
"90" minutes for the duration of the scenario).

       f.   Press "F10" to save the data.

3.2   <u>Testing the Dialogic System</u>

<u>CAUTION</u>

DO NOT ACTIVATE TEST/DRILL SCENARIOS WITHOUT FIRST CHANGING THE A0950, E0105 AND E0110 MESSAGES FROM "EMERGENCY" TO "DRILL". FAILURE TO DO SO MAY RESULT IN ERO PERSONNEL BELIEVING THAT AN ACTUAL EMERGENCY HAS OCCURRED AT THE PLANT.

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1.   Ensure that necessary messages received by ERO members have been changed from "Emergency" messages to "Drill" messages by performing the following prior to the start of tests/drills that involve activating the Group Page and/or calling ERO members during off-hours:

     a.   Select UTILITIES from the MAIN MENU screen. Then select SPEECH DESCRIPTIONS. (The system displays the SPEECH MAINTENANCE screen which presents a screen of existing speech segments.)

     b.   Select speech segments A0950, E0105 and E0110 and change the recordings from emergency to drill by:

          (1)   Press ALT-R. (This will display the CALL IN/CALL OUT screen.)

          (2)   Select CALL IN.

          (3)   Dial X2452 to access the system speech segment data base.

          (4)   Follow the prompts at the bottom of the screen and change the emergency recordings to the drill recordings as shown on Attachment 2.

2.   Scenarios on the Dialogic System may be activated by using one of the three following methods (See Attachment 1 for documentation of method):

     a.   Manual Activation - Select EXECUTION from the MAIN MENU screen.

          (1)   Select SCENARIO CONTROL. (The system displays the SCENARIO ACTIVATION CONTROL screen which presents a screen of existing Scenarios.)

          (2)   Select the scenario to be activated and press "Enter". (The system displays the activation screen with the specific scenario that has been chosen for activation.)

          (3)   Select "Start This Scenario". (The system will display a "Confirm This Scenario Start Y/N" window.)

          (4)   Enter a "Y" to start the scenario.

     b.   Automatic Activation - Select UTILITIES from the MAIN MENU screen.

          (1)   Select SYSTEM DEFAULTS. (The system displays the SYSTEM DEFAULTS MAINTENANCE screen.)

3.2   Testing the Dialogic System (continued)

NOTE: This method of scenario activation allows for the automatic activation of certain test scenarios at any date/time in the future.

                    (2)   Set the Automatic Test Scenario Execution section for the following:

                          (a)   Scenario to be activated (such as 2002 or 2004)

                          (b)   Date the scenario is to be run (month, day, year and hyphens are not necessary between the numbers).

          c.   Phone Activation

                    (1)   Dial X2452 on a plant extension to get into the Dialogic system.

                    (2)   Enter the four-digit Dialogic password and follow the resulting prompts to activate the desired scenario. (See PEP-310 for a detailed walk-through of the activation process.)

4.0   GENERAL

       The Dialogic Communicator Automated Notification System is a computerized emergency response personnel call out computer that is available to notify the CP&L Emergency Response Organization personnel and the NRC resident inspector of emergency declarations at the plant. The system provides instructions for activation of the on-site and off-site emergency facilities. Provisions are provided for remote activation of the system via telephone lines and for password protection from unauthorized use of the system.

5.0   REFERENCES

       1.   The Communicator User's Guide, January 28, 1994

       2.   PEP-310, "Notifications and Communications"

6.0   DIAGRAMS/ATTACHMENTS

       Attachment 1 - Testing the Dialogic System

       Attachment 2 - Emergency/Test Dialogues

Test of the Dialogic System

1.   Notify the Main Control Room that a test of the Dialogic System is going to
      occur at_____ on_____.
                 Time   Date

      Individual notified_____
      Date_____ Time_____

NOTE: The speech segments should not be changed from emergency to drill mode until
       approximately fifteen minutes before the scheduled start of the test.

2.   Change speech segments A0950, E0105 and E0110 from "Emergency" to "Drill"
      messages.

      Completed at_____ on_____
                    Time   Date

3.   The drill was started at_____ on_____.

      COMMENTS:_____

      _____

4.   Change speech segments A0950, E0105 and E0110 from "Drill" to "Emergency"
      messages upon completion of the scenario or termination of the test.

      Completed at_____ on_____
                    Time   Date

5.   Notify the Main Control Room of the completion of the test of the Dialogic
      System.

      Individual notified_____
      Date_____ Time_____

6.   Test conducted by:_____ Date: _____
                              Name/Signature

Form PEP-430-1-0

Emergency/Test Dialogues

1. Emergency Dialogue

    The following dialogue is used in Speech Segments A0950, E0105 and E0110 for emergency activation of the ERO:

    "THIS IS AN EMERGENCY. I REPEAT, THIS IS AN EMERGENCY. ALL PERSONNEL THAT ARE ASSIGNED TO KEY POSITIONS AND ARE FIT FOR DUTY ARE TO REPORT TO THEIR ASSIGNED EMERGENCY FACILITY. I REPEAT, THIS IS AN EMERGENCY. ALL PERSONNEL THAT ARE ASSIGNED TO KEY POSITIONS AND ARE FIT FOR DUTY ARE TO REPORT TO THEIR ASSIGNED EMERGENCY FACILITY. "

2. Test Dialogue

    The following dialogue is used in Speech Segments A0950, E0105 and E0110 for notification of the ERO during a test:

    "THIS IS A TEST. I REPEAT, THIS IS A TEST. NO FACILITIES WILL BE ACTIVATED FOR THIS TEST. IF THIS WERE A REAL EMERGENCY ALL PERSONNEL THAT WERE ASSIGNED TO KEY POSITIONS AND WERE FIT FOR DUTY WOULD BE TOLD TO REPORT TO THEIR ASSIGNED EMERGENCY FACILITY. I REPEAT, THIS IS A TEST. IF THIS WERE A REAL EMERGENCY ALL PERSONNEL THAT WERE ASSIGNED TO KEY POSITIONS AND WERE FIT FOR DUTY WOULD BE TOLD TO REPORT TO THEIR ASSIGNED EMERGENCY FACILITY. I REPEAT, NO FACILITIES WILL BE ACTIVATED FOR THIS TEST. "

Section   **Changes**

Title Page   Added Level of Use, Reference Use