

Southern Nuclear Operating Company
Vogtle Electric Generating Plant
Post Office Box 1600
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Energy to Serve Your WorldSM

November 6, 2001

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

NOT-03798

VOGTLE ELECTRIC GENERATING PLANT
EMERGENCY PLAN IMPLEMENTING PROCEDURE REVISION

Gentlemen:

In accordance with 10 CFR 50.4, as required by 10 CFR 50, Appendix E, Part V, Southern Nuclear hereby submits the following revision(s) to the Vogtle Emergency Plan Implementing Procedure(s):

<u>Procedure</u>	<u>Revision</u>	<u>Effective Date</u>
91103-C	16	10/31/2001
91501-C	15	10/31/2001

By copy of this letter, the NRC Region II Administrator and the Site NRC Senior Resident Inspector will receive one copy each of the revision(s).

Please contact Lawrence Mayo at (706) 826-3356 if you have questions.

Sincerely,

Lawrence E. Mayo
Emergency Preparedness Coordinator

LEM:jjm

Enclosure: Emergency Plan Implementing Procedure(s)

A045

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REFERENCE USE PROCEDURE

PRB REVIEW REQUIRED

1.0 **PURPOSE**

The purpose of this procedure is to provide instructions to the Technical Support Center (TSC) Manager for overall direction of the TSC and the onsite VEGP Emergency Response Organization (ERO).

2.0 **RESPONSIBILITIES**

2.1 **TSC MANAGER**

2.1.1 The TSC Manager shall have the following responsibilities:

2.1.1.1 Timely offsite communications (when Emergency Director (ED) is in TSC).

2.1.1.2 Declaring the TSC operational, managing the TSC and directing TSC emergency response personnel.

2.1.1.3 Assuming the ED responsibilities while the ED is in transit from the TSC to the Emergency Operations Facility (EOF). A formal relief sheet is not required for this temporary transfer of ED responsibilities.

2.1.1.4 Coordination of inputs and recommendations from technical and corrective action advisors.

2.1.1.5 Providing technical assistance and operational guidance to Control Room personnel.

2.1.1.6 Coordinating and directing all onsite emergency response functions.

2.1.1.7 Providing technical information and recommendations to the ED.

2.1.1.8 Recommending onsite and offsite protective actions based on plant conditions.

2.1.1.9 Providing recommendations on emergency classifications to the ED.

2.1.1.10 Establishing and maintaining communications with the NRC.

2.1.1.11 Notifying offsite ambulance service and hospitals as required.

2.1.1.12 Direction of onsite emergency personnel involved in restoration of the plant to a safe condition.

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- 2.1.1.13 Direction of TSC staff in analysis of problems, design and planning for temporary modifications.
- 2.1.1.14 Development of temporary operating procedures.
- 2.1.1.15 Assignment of an individual to ensure that all personnel entering the TSC sign in on the Personnel Roster.
- 2.1.1.16 Ensuring that ALL VEGP employees and vendor/contractors reporting to the TSC meet the requirements of the Fitness For Duty (FFD) policy for recall of off-duty personnel.
- 2.1.1.17 Ensuring that the Emergency Response Data System (ERDS) Computer has been activated by TSC chemistry staff within one hour of an Alert or higher emergency classification.
- 2.1.1.18 Filling the position of Decision Maker or Evaluator if Severe Accident Management Guidelines (SAMGs) are implemented.

3.0 PREREQUISITES

An Alert, Site Area Emergency or General Emergency has been declared.

4.0 PRECAUTIONS

- 4.1 This procedure shall not take priority over measures required to maintain or restore the plant to a safe operating condition.
- 4.2 This procedure does not replace any plant operating procedure. During an emergency condition, the TSC Manager will continue to use appropriate plant procedures in parallel with this and other Emergency Plan Implementing Procedures.

5.0 PROCEDURE

5.1 TSC ACTIVATION

- 5.1.1 For an Alert, Site Area Emergency or General Emergency, the TSC Manager shall report to the TSC, receive a briefing from the ED, and declare the TSC operational as soon as it is adequately staffed.
- 5.1.2 The TSC Manager shall utilize the designated "TSC Manager Checklist" as soon as practicable.

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5.2 STAFF SUPERVISION

- 5.2.1** The TSC Manager shall supervise the activities of the OSC Manager and the following TSC staff:
- 5.2.1.1** Engineering Supervisor (core damage assessment, technical support, liaison with NRC staff in the TSC).
 - 5.2.1.2** Maintenance Supervisor (maintenance, damage control, plant modifications).
 - 5.2.1.3** Operations Supervisor (interface with Control Room and develop temporary emergency operating procedures as necessary).
 - 5.2.1.4** Health Physics (HP) Supervisor (onsite radiological assessment, on-site protective action recommendations, radiation exposure record keeping, In-Plant Monitoring Team control; and until Emergency Operations Facility (EOF) Dose Assessment is activated, dose projections, offsite protective action recommendations, and Field Monitoring Team control).
 - 5.2.1.5** TSC Support Coordinator (logistics, staffing, TSC evacuation) and TSC Support group (communications, log keeping, status boards, etc.).
 - 5.2.1.6** Chemistry Supervisor (post-accident sampling, plant chemistry, ERDS activation).
 - 5.2.1.7** Security Coordinator (access control, site evacuation , accountability).

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6.0 **REFERENCES**

6.1 **VEGP EMERGENCY PLAN**

6.2 **PROCEDURES**

- 6.2.1 91002-C, "Emergency Notifications"
- 6.2.2 91101-C, "Emergency Response Organization"
- 6.2.3 91104-C, "Duties Of The OSC Manager"
- 6.2.4 91201-C, "Activation And Operation Of The TSC"
- 6.2.5 91204-C, "Emergency Response Communications"
- 6.2.6 91302-C, "In-Plant Sampling And Surveys"
- 6.2.7 91303-C, "Field Sampling And Surveys"
- 6.2.8 91306-C, "Contamination Monitoring And Decontamination"
- 6.2.9 91307-C, "Contaminated Injury"
- 6.2.10 91501-C, "Recovery"
- 6.2.11 60613-C, "Control And Use Of Severe Accident Management Guidelines (SAMG)"
- 6.3** NUREG-0654, FEMA-REP-1, Rev. 1, "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants"

END OF PROCEDURE TEXT

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TSC MANAGER CHECKLIST

DESIGNEES: Plant Operations Assistant General Manager
Nuclear Plant General Manager
Operations Manager
Operations Superintendent
Plant Support Assistant General Manager

RESPONSIBILITIES:

Manage the TSC and direct the onsite Emergency Response Organization. Assist the ED with technical information, classifications, and protective action recommendations. Provide technical and operational support to the Control Room.

INITIAL ACTIONS

1. Report to the TSC.
2. Sign in on Emergency Response Facility Roster.
3. Obtain appropriate work packet and emergency identification badge.
4. Receive briefing from ED.
5. Assign an individual (normally the TSC Support Coordinator) to ensure that all personnel reporting to the TSC sign in on the Personnel Roster.
6. Ensure that key TSC positions have been filled by reviewing the Emergency Response Facility Roster. Refer to Procedure 91201-C, "Activation And Operation Of The TSC" for minimum TSC staff requirements.
7. Review facility and equipment readiness with TSC staff. Ensure all communication equipment is operating.
8. When adequately staffed, declare the TSC operational, notify the ED, EOF Manager, Shift Superintendent and OSC Manager.
9. Ensure that the TSC Chemistry staff have activated the ERDS Computer System.

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TSC MANAGER CHECKLIST

INITIAL ACTIONS (Cont'd)

NOTE

If a recall of off-duty personnel has been initiated, perform the following:

10. FFD determinations
 - a. Review the sign in roster and ensure that ALL personnel reporting to the TSC answer the fitness for duty question.
 - b. If any personnel have answered yes to the FFD question then a FFD evaluation is required. The Safety and Health department is available to help make this determination.
11. Provide initial briefing to TSC staff.

SUBSEQUENT ACTIONS

- 1.* Maintain a communications log.
- 2.* Assist the ED, as needed.
- 3.* Provide periodic briefings to TSC staff.
- 4.* Direct actions to provide the technical and operational assistance to the Control Room.
5. Review readiness of the OSC.

Notifications

- 1.* Assist the ED in performing notifications as directed.
- 2.* Complete the Emergency Notification message forms (Procedure 91002-C, "Emergency Notifications") as appropriate. Provide to the ED for review and approval.
3. Ensure a plant knowledgeable individual is assigned to maintain communications and provide updates to the NRC. (Normally assigned to engineering)
4. Direct the HP Supervisor to assign an individual to staff the Health Physics Network (HPN) telephone when requested by the NRC.

* Continuing Activity

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SUBSEQUENT ACTIONS (CONT'D)

Protective Actions

- 1.* Confer with the Engineering Supervisor and Operations Supervisor regarding protective actions based on present and projected plant conditions.
- 2.* Prior to EOF activation, confer with the HP Supervisor regarding offsite protective actions.
- 3.* Evaluate the need for onsite protective actions.
- 4.* Review habitability of onsite emergency facilities with the HP Supervisor.
- 5.* Recommend protective actions per Procedure 91305-C, "Protective Action Guidelines" to the ED.
6. If the OSC or TSC become uninhabitable:
 - a. Inform the ED and direct the relocation of staff, equipment and supplies to an alternate location (CR and EOF for TSC; TSC for OSC).
 - b. The TSC Manager, Operations Supervisor and HP Supervisor shall relocate to the alternate TSC in the Control Room should the TSC become uninhabitable.
 - c. Inform other facilities of new location and communication links.

Team Deployment

- 1.* Approve dispatch of all in-plant emergency teams via the OSC Manager, Operations Supervisor, HP Supervisor, or Chemistry Supervisor.
- 2.* If necessary, obtain authorization from the ED for any radiation exposures in excess of 10 CFR20 limits.
- 3.* Determine if decontamination of contaminated equipment/areas is necessary and direct their decontamination per Procedure 91306-C, "Contamination Monitoring And Decontamination".

* Continuing Activity

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SUBSEQUENT ACTIONS (CONT'D)

- 4.* Approve and direct the transport of PASS grab samples to Framatome Technologies if back-up analysis is needed.
- 5.* Approve timely dispatch of Field Monitoring Teams until the EOF dose assessment is activated.
- 6.* Assure that the HP Supervisor provides permits for Emergency Radiation Exposure, keeps exposure records, and informs you when authorizations to exceed 10CFR20 limits are required.
- 7.* Determine whether there is a need for offsite fire fighting assistance. Should such assistance be required, request it from Burke County Emergency Management Agency.

Contaminated Injury

- 1. Upon notification of a potentially contaminated injury, direct the OSC Manager to dispatch a First Aid Team (Procedure 91307-C, "Contaminated Injury").
- 2. If an ambulance is needed perform the following:
 - a. Request ambulance assistance via Data Sheet 3, "Request for Ambulance Assistance" (Procedure 91307-C, "Contaminated Injury") , and provide reporting instructions. (Data sheets normally completed by the TSC Support Coordinator)
 - b. Contact hospital via Data Sheet 4, "Request for Hospital Assistance" (Procedure 91307-C, "Contaminated Injury"). Inform hospital that a contaminated injury is enroute and provide estimated arrival time. (Data sheets normally completed by the TSC Support Coordinator)

Emergency Classification

- 1.* Review emergency classification in Procedure 91001-C, "Emergency Classification And Implementing Instructions".
- 2.* Determine if the classification level requires upgrading or downgrading based on present or projected plant conditions.
- 3.* Recommend changes in classifications to the ED.

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SUBSEQUENT ACTIONS (CONT'D)

Relief

1. Perform relief and complete General Relief Checklist in Procedure 91101-C, "Emergency Response Organization".

Severe Accident Management Guidelines

1. Diagnose plant conditions and evaluate if a specific guideline entry is required.
2. Evaluate the positive and negative impacts of strategies presented in the guidelines.
3. Respond to severe challenges.
4. Interpret the response of plant parameters following strategy implementation.
5. Assess the effectiveness of implemented strategies and determine whether additional mitigation is needed.

Emergency Termination

1. After the emergency condition has been declared terminated, proceed as follows:
 - a. Hold a final staff briefing.
 - b. Collect all logs and checklists.
 - c. With key staff members, attend a final staff briefing with the ED to determine recovery actions and staff assignments.

Recovery

1. Coordinate with Emergency Director to provide support for initial recovery planning activities (Procedure 91501-C, "Recovery").

Restoration of the TSC

1. Restore the TSC to the ready condition at the termination of each emergency.

* Continuing Activity

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REFERENCE USE PROCEDURE

PRB REVIEW REQUIRED

1.0 PURPOSE

1.1 This procedure provides instructions for determining when an emergency condition will be terminated/downgraded and the recovery phase initiated. It also describes the process used to notify and activate the recovery organization as well as its functions and responsibilities, including management of resources for long-term recovery operations.

2.0 RESPONSIBILITIES

2.1 The Emergency Director (ED) shall be responsible for:

2.1.1 Determining that the emergency condition has ceased and can be officially terminated.

2.1.2 Directing the notification of federal, state and local authorities and the Vogtle Electric Generating Plant (VEGP) Emergency Response Organization (ERO) concerning transition to the recovery phase.

2.1.3 Directing the notification and, in consultation with the Vice President-Project, activation of the recovery organization.

2.2 The Recovery Manager shall have overall responsibility for restoring the plant to a normal operating configuration.

2.3 Recovery organization staff shall be responsible for:

2.3.1 Assuming assigned positions and ensuring that support staff are available and properly briefed.

2.3.2 Ensuring that relief personnel are fully briefed prior to relinquishing their responsibilities.

3.0 PREREQUISITES

3.1 Recognizing the following conditions, the ED has decided to terminate the emergency condition:

3.1.1 Plant radiation levels are stable or decreasing with time.

3.1.2 The affected reactor is in a stable condition and can be maintained in that condition indefinitely.

3.1.3 Fire or other similar emergency conditions no longer constitute a hazard to safety-related systems or equipment or personnel.

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3.1.4 Releases of radioactive materials to the environment have ceased or have been controlled within permissible license limits.

NOTE

An NOUE or an Alert Emergency can be terminated without coordination with offsite authorities.

3.1.5 For a Site Area or General Emergency, discussions with plant management, applicable members of the VEGP Emergency Response Organization, offsite authorities (i.e., Nuclear Regulatory Commission, Georgia Emergency Management Agency, Burke County Emergency Management Agency Director, South Carolina Emergency Preparedness Division Director, and the Savannah River Site (SRS) emergency staff) do not result in identification of any valid reason for not terminating the emergency.

4.0 PRECAUTIONS

4.1 Personnel assigned to the ERO shall retain their positions until instructions are received from the ED, Recovery Manager or designee concerning return to normal workstations, recovery organization assignments or dismissal.

4.2 Recovery operations will begin when the affected unit is in a controlled, stable condition. No action shall be taken which might upset this situation without the express approval of the Recovery Manager.

4.3 In lieu of any special requirements in place at the time, normal station/unit procedures and practices will be followed concerning maintenance, repair, modification, decontamination and personnel exposure control.

4.4 The recovery organization will only be required for emergencies that cause (or potentially cause) damage to the plant, contamination problems, fuel damage, etc., or as decided by the ED. Regardless of whether the recovery organization is formally activated, the ED will ensure that offsite agencies and the VEGP ERO are informed.

5.0 PROCEDURE

5.1 EMERGENCY TERMINATION AND TRANSITION TO RECOVERY

5.1.1 The ED shall initiate emergency termination and transition to recovery in accordance with Recovery Checklist.

5.1.1.1 After verbal closeout of a Notification of Unusual Event, VEGP will submit a written summary to offsite authorities within 24 hours.

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5.1.1.2	After verbal closeout or class reduction of an Alert, Site Area Emergency, or General Emergency, VEGP will submit a written summary to offsite authorities within 8 hours.		
5.1.1.3	The ED in place at emergency termination is responsible for making the closeout report per section 5.1.1.1 or 5.1.1.2 of this procedure.		
5.1.2	Notification and activation of the Recovery Organization will be accomplished in accordance with the Recovery Checklist by contacting personnel listed in the Recovery Organization Roster in Data Sheet 1.		
5.1.2.1	The directors and managers listed in Data Sheet 1 shall then contact their respective staffs, which are required to support recovery operations.		
5.1.2.2	As members of the recovery organization report to VEGP, they shall initially assemble at the EOF for registration, TLD issuance (as required) and briefing.		
5.1.3	Recovery Organization Planning Considerations		
5.1.3.1	Under the direction of the ED or Recovery Manager, pertinent recovery organization members, as well as selected offsite personnel, shall address the planning and coordination of the recovery effort in accordance with Recovery Checklist.		
5.2	RECOVERY ORGANIZATION		
5.2.1	Figure 1 is an organization chart for recovery operations. Table 1 lists designees, reporting requirements and functions.		
5.2.2	At the direction of the ED or Recovery Manager, certain elements of the VEGP ERO may remain activated to support the recovery operations. In general, the TSC Manager manages this organization upon direction from the Recovery Manager.		
5.3	TRANSFER OF COMMAND AND CONTROL RESPONSIBILITY FROM THE EMERGENCY DIRECTOR TO THE RECOVERY MANAGER		
5.3.1	After the ED has declared the emergency terminated, the transfer of command and control responsibility from the ED to the Recovery Manager shall be completed in accordance with the Recovery Checklist.		
5.4	SPECIAL PROCEDURES AND TRAINING		
5.4.1	Normal station/unit procedures and practices shall be used for recovery operations except where special conditions require modifications.		
5.4.2	The Recovery Manager shall direct the various managers to supervise the preparation of and training on special recovery procedures, as necessary.		

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5.5 RECOVERY OPERATIONS

5.5.1 The Recovery Manager shall be responsible for coordinating all recovery operations. He shall also coordinate the transition from the VEGP Emergency Response Organization to the Recovery Organization.

5.5.2 The recovery operations/organization will normally be managed from the EOF but the Recovery Manager may choose to operate from another emergency response facility depending upon the situation.

5.5.3 During recovery operations, public information and media releases shall be handled in accordance with normal procedures except for approval by the Recovery Manager.

5.5.4 Because recovery operations may require substantial time to complete, a comprehensive relief program will be required to ensure necessary information is effectively transferred. The relief personnel shall report to the Scheduling/Planning Manager for processing, and review the following with their respective counterparts:

5.5.4.1 Status Boards

5.5.4.2 Logs

5.5.4.3 Corrective and protective actions - past, present and planned

5.5.4.4 Summary of events

5.5.4.5 Plant status

5.5.4.6 Equipment and supplies status

5.5.4.7 Procedures status

5.5.4.8 Schedules

5.5.4.9 Support staff that are available and anticipated

5.5.4.10 Reporting requirements

5.5.5 After receiving the briefing, relief personnel shall formally assume respective positions and outgoing personnel shall report to the Administrative/Logistics Manager for exit processing.

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6.0 REFERENCES

6.1 VEGP EMERGENCY PLAN

6.2 NUREG-0654, FEMA-REP-1, Rev. 1, "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants", November 1980

6.3 Atomic Industrial Forum, "Nuclear Power Plant Emergency Response Plan, October 11, 1979

6.4 10 CFR 50.72

6.5 Procedure 91002-C, "Emergency Notifications"

END OF PROCEDURE TEXT

TABLE 1

RECOVERY ORGANIZATION RESPONSIBILITIES

RECOVERY POSITION	DESIGNEES	REPORTS TO	FUNCTION
Recovery Manager	<ul style="list-style-type: none"> • Nuclear Plant General Manager • Assistant General Manager (s) 	Vice President-Project	Overall management responsibility for the recovery operation. Directs the transition from the Emergency Response Organization to the Recovery Organization. Manages all communication with offsite agencies, coordinates VEGP activities with vendors and contractors. Approves press releases.
Plant Operations Manager	<ul style="list-style-type: none"> • Assistant General Manager (s) • Operations Manager • Operations Superintendent 	Recovery Manager	Manages day-to-day in-plant operations and, during recovery, is responsible for ensuring that repairs and modifications will optimize post-recovery plant operational effectiveness and safety.

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TABLE 1 (Cont'd.)

RECOVERY ORGANIZATION RESPONSIBILITIES

RECOVERY POSITION	DESIGNEES	REPORTS TO	FUNCTION
Design and Construction Support Manager	<ul style="list-style-type: none">• Assistant General Manager (s)• Maintenance Manager• Outage and Modifications Manager	Recovery Manager	Focuses necessary engineering, design, and construction resources on those aspects of plant recovery requiring redesign, modification, or new construction; directs and coordinates nuclear steam system supply and balance of plant engineering and construction/repair work.
Radcon/Radwaste Manager	<ul style="list-style-type: none">• Operations Superintendent• Chemistry Superintendent	Recovery Manager	Develops plan and procedures to process and control liquid, gaseous, and solid wastes to minimize adverse effects on the health and safety of the public and plant recovery personnel. In addition this position coordinates the activities of health physics specialists and radiation protection personnel engaged in waste treatment operations.
Technical Support Manager	<ul style="list-style-type: none">• Engineering Support Manager• Engineering Supervisor (s)	Recovery Manager	Provides analyses, plans, schedules, and procedures in direct support of plant operations.

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TABLE 1 (Cont'd.)

RECOVERY ORGANIZATION RESPONSIBILITIES

RECOVERY POSITION	DESIGNEES	REPORTS TO	FUNCTION
Quality Assurance Manager	<ul style="list-style-type: none"> • SAER Supervisor • SAER Staff Member 	Recovery Manager	Ensures that the overall conduct of recovery operations is performed in accordance with corporate policy and rules and regulations governing activities which may affect public health and safety.
Scheduling/Planning Manager	<ul style="list-style-type: none"> • Outage and Modifications Manager • Supervisor Work Planning and Controls 	Recovery Manager	Prepares plans, schedules and track/expedite recovery operations.
Administrative/Logistics Manager	<ul style="list-style-type: none"> • Plant Admin. Manager • Operations Support Superintendent 	Recovery Manager	Supplies administrative, logistics, communications, and personnel support for the recovery operations.
Public Information Director	<ul style="list-style-type: none"> • Public Information Director • Emergency Communications Manager 	Recovery Manager	Coordinates the flow of media information concerning plant recovery operations.

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TABLE 1 (Cont'd.)

RECOVERY ORGANIZATION RESPONSIBILITIES

RECOVERY POSITION	DESIGNEES	REPORTS TO	FUNCTION
Health Physics and Chemistry Manager	<ul style="list-style-type: none"> • Health Physics and Chemistry Manager • Health Physics Superintendent 	Recovery Manager	Responsible for ALARA planning, execution, and monitoring. Plans and manages decontamination of affected areas and equipment. Supervises and directs all special radiological controls, radiochemistry, and chemistry activities required to support the recovery operation. Coordinate environmental assessment activities with Manager Environmental Services. Provide radiological information including estimated quantity of radioactivity released, isotopic composition of released material, and meteorological data to the offsite authorities.



RECOVERY ORGANIZATION CHART

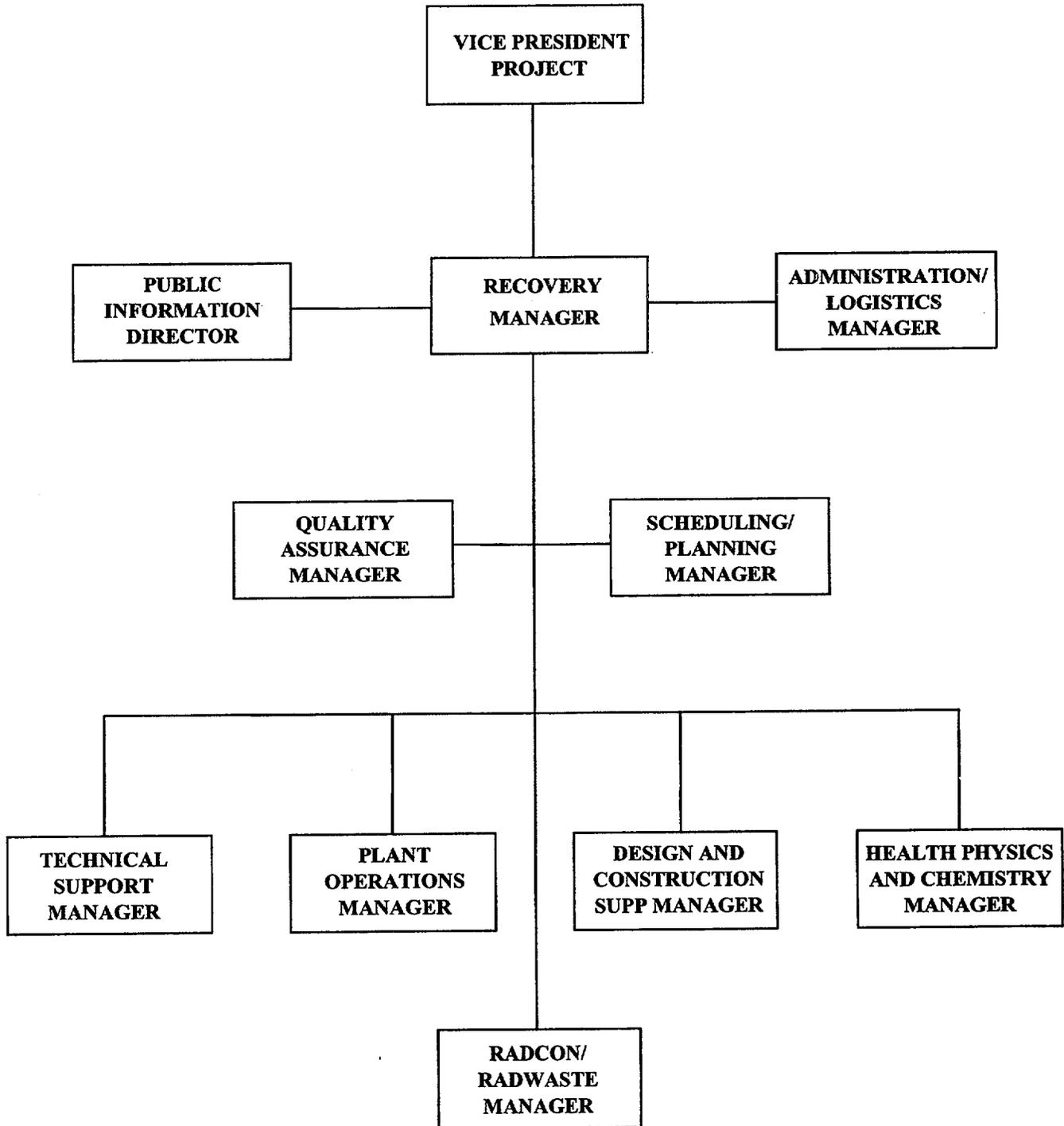


Figure 1

DATA SHEET 1

RECOVERY ORGANIZATION ROSTER

Recovery Position	Notified (Time)
--------------------------	------------------------

Recovery Manager

1st _____ / _____

2nd _____ / _____

Plant Operations Manager

1st _____ / _____

2nd _____ / _____

Design/Construction Support Manager

1st _____ / _____

2nd _____ / _____

Radcon/Radwaste Manager

1st _____ / _____

2nd _____ / _____

Technical Support Manager

1st _____ / _____

2nd _____ / _____

Note
1st Shift
2nd Shift

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DATA SHEET 1

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RECOVERY ORGANIZATION ROSTER

Recovery Position	Notified (Time)
--------------------------	------------------------

Quality Assurance Manager

1st _____ / _____
2nd _____ / _____

Scheduling/Planning Manager

1st _____ / _____
2nd _____ / _____

Administration/Logistics Manager

1st _____ / _____
2nd _____ / _____

Public Information Director

1st _____ / _____
2nd _____ / _____

Health Physics and Chemistry Manager

1st _____ / _____
2nd _____ / _____

Note
1st Shift
2nd Shift

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RECOVERY CHECKLIST

DESIGNEES : Initially, Emergency Director
 Subsequently, Recovery Manager

RESPONSIBILITY:

Determine that the emergency condition has ceased and can be officially terminated. Direct notification of offsite authorities and VEGP ERO concerning transition to the recovery phase. Direct the notification and in consultation with the Vice President - Project, activation of the recovery organization. Direct the restoration of the plant to a normal operating configuration.

INITIAL ACTIONS

1. Consult with the Vice President -Project and offsite authorities regarding termination of the emergency condition.
2. Decide to terminate the emergency condition recognizing the following conditions:
 - a. Plant radiation levels are stable or decreasing with time;
 - b. Affected reactor is in a stable condition and can be maintained in that condition indefinitely;
 - c. Fire or other similar emergency conditions no longer constitute a hazard to safety-related systems, or equipment or personnel;
 - d. Releases of radioactive materials have ceased or have been controlled to within permissible license limits;
 - e. Discussions with plant management, applicable members of the VEGP ERO and, if necessary, with offsite authorities do not result in the identification of any valid reason for not terminating the emergency.
3. Designate the Recovery Organization by completing Data Sheet 1.
4. Prior to activation of the Recovery Organization, the ED shall coordinate all recovery operations that may have offsite effects (e.g., controlled release of radioactive material or transport of significant quantities of radioactive waste) with appropriate offsite agencies.
5. Designate the command center for the recovery organization. The recovery operations/organization will normally be managed from the EOF but the Recovery Manager may choose to operate from another emergency response facility depending upon the situation.

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RECOVERY CHECKLIST

SUBSEQUENT ACTIONS

Notification

1. Complete Checklist 2, Emergency Notification Form per Procedure 91002-C, "Emergency Notifications".
2. Designate a Communicator to transmit the Event Termination Message in accordance with Checklists 2 and 3 of Procedure 91002-C, "Emergency Notifications".
3. Ensure that representatives of offsite agencies who were stationed at the EOF or who report to the plant for monitoring recovery operations, are kept informed of the status of the situation.
4. Designate a Communicator to notify VEGP ERO personnel (onsite and offsite) listed in the Recovery Organization Roster in Data Sheet 1, and other designated staff who will be part of the Recovery Organization.

Transfer of Command and Control

1. Consult with the Vice President -Project to appoint a Recovery Manager.
2. Review with the appointed Recovery Manager the following topics:
 - a. Status of notifications to offsite authorities;
 - b. Status of public information activities;
 - c. Plant conditions and areas/systems impacted;
 - d. Chronology of event associated with the emergency;
 - e. Offsite support groups participating in the emergency;
 - f. Plans of offsite authorities for monitoring recovery activities;
 - g. Members of the VEGP ERO who should continue short-term recovery operations to provide continuity of efforts;

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RECOVERY CHECKLIST

SUBSEQUENT ACTIONS, CONT.

- h. VEGP emergency facilities, which should remain, activated or partially activated to ensure availability of manpower, equipment and supplies;
- i. Initial plans and schedules relating to short-term recovery operations.
- 3. Formally transfer responsibilities for recovery operations to the Recovery Manager.
- 4. Ensure that the VEGP ERO and offsite authorities are advised that the Recovery Manager has assumed command responsibilities.
- 5. Direct the collection of all records, logs and checklists.

Recovery Phase (Recovery Manager)

- 1. Discuss, prioritize and plan, with Recovery Organization members and selected offsite personnel, activities to be performed during the recovery phase.

The activities discussed should include:

- a. Isolation and repair of damaged systems;
- b. Modification and installation to optimize post recovery plant operational effectiveness and safety;
- c. Decontamination of affected areas(s) and equipment;
- d. Need for portable shielding;
- e. Need for special procedures;
- f. Maintaining comprehensive radiation surveillance of the site until levels return to normal;
- g. Control of access to the affected area(s) of the plant and exposure to workers;
- h. Documentation of proceedings of the accident and review the effectiveness of the ERO in mitigating plant damage and reducing radiation exposures to the public;

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RECOVERY CHECKLIST

Recovery Phase (Recovery Manager) Cont'd

- i. Providing assistance with recovery activities undertaken by State and County authorities, if requested;
 - j. Providing Public Information the status of recovery operations via releases to the media and coordinate the flow of media information concerning recovery operations;
 - k. Developing plans and procedures to process and control liquid, gaseous and solid wastes to minimize adverse effects on the health and safety of the public and plant recovery personnel;
 - l. Coordinating the activities of the staff radiological engineers and radiation protection personnel engaged in waste treatment operations;
 - m. Ensuring that the overall conduct of recovery operations is performed in accordance with corporate policy and rules and regulations governing activities, which may affect public health and safety.
2. Ensure that the Scheduling/Planning Manager develops an overall recovery schedule.
3. Utilize VEGP facilities and recovery organization personnel as necessary to perform required recovery operations. Coordinate overall recovery operations including:
- a. Manpower resources (including contractors);
 - b. Equipment and supplies resources;
 - c. Communications;
 - d. Updates to Federal, State and Local agencies;
 - e. Approval of media releases;
 - f. Repair and maintenance activities;
 - g. Approval of procedure modifications;
 - h. Special procedures and training;
 - i. Team deployment and briefings;

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Recovery Phase (Recovery Manager) Cont'd

- j. Development of shift schedules;
 - k. Relief.
4. Ensure samples from fixed monitoring stations are collected after termination of a radioactive release and analyzed for use in defining the trajectory, radioactivity, and impact of the released plume.

NOTES

- a. Data from fixed monitoring stations (TLDs and air samplers) will be utilized to estimate whole body population dose.
 - b. Data from air samplers, vegetation and milk will be used to estimate doses.
5. Ensure offsite authorities are kept informed of recovery operations. This includes providing information on release rates of radioactivity, quantity, isotopic composition, meteorological data and similar information so that the States of Georgia, South Carolina, and SRS can calculate population exposure of the public in the plume exposure and ingestion pathway EPZs.

Final Conditions

- 1. When it is verified that technical specifications are in compliance, declare the conclusion of recovery operations and resumption of normal operations.
- 2. Ensure that all Federal, State and Local offsite response agencies are notified of the conclusion of recovery operations.
- 3. Hold a final briefing with Recovery Organization personnel and request preparation of reports, as necessary.
- 4. Instruct the Administrative/Logistics Manager to collect all recovery operations documentation and process these for permanent storage.