

AmerGen Energy Company, LLC
Oyster Creek
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Forked River, NJ 08731-0388

July 2, 2001
2130-01-20137

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

Dear Sir:

Subject: Oyster Creek Nuclear Generating Station
Docket No. 50-219
Emergency Plan Implementing Procedure Revisions

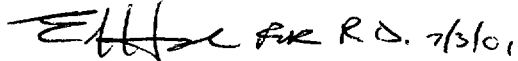
In accordance with 10 CFR 50, Appendix E, Section V, enclosed is the newly revised Index for the Oyster Creek Emergency Plan Implementing Procedures and the below listed procedures.

<u>Procedure Number</u>	<u>Title</u>	<u>Revision</u>
OEP-ADM-1319.01	Oyster Creek Emergency Preparedness Program	9
OEP-ADM-1319.02	Emergency Response Facilities & Equipment Maintenance	9
EPIP-OC-.02	Direction of Emergency Response/Emergency Control Center	28
EPIP-OC-.03	Emergency Notification	27
EPIP-OC-.10	Emergency Radiological Surveys Onsite	11
EPIP-OC-.11	Emergency Radiological Surveys Offsite	16
EPIP-OC-.25	Emergency Operations Facility (EOF)	24
EPIP-OC-.26	The Technical Support Center	23

A045

If further information is required, please contact Mr. William Stewart, (Acting) Manager,
Regulatory Assurance at 609-971-4775.

Very truly yours,

Handwritten signature of Ron J. DeGregorio, dated 7/3/01.

Ron J. DeGregorio
Vice President
Oyster Creek

RJD/JJR:ew

Enclosures

cc: Administrator, Region I
NRC Sr. Project Manager
NRC Resident Inspector

EPIP SERIES - EMERGENCY PLAN IMPLEMENTING PROCEDURES

<u>PROCEDURE NO.</u>	<u>TITLE</u>	<u>REV. NO.</u>	<u>DATE</u>
6630-ADM-4010.03	Emergency Dose Calculation Manual (EDCM)	11	07/23/00
EPIP-OC-.01	Classification of Emergency Conditions	9	12/11/00
EPIP-OC-.02	Direction of Emergency Response/Emergency Control Center	28	07/05/01
EPIP-OC-.03	Emergency Notification	27	07/05/01
EPIP-OC-.06	Additional Assistance and Notification	23	11/27/00
EPIP-OC-.10	Emergency Radiological Surveys Onsite	11	08/08/00
EPIP-OC-.11	Emergency Radiological Surveys Offsite	16	07/05/01
EPIP-OC-.12	Personnel Accountability	8	08/08/00
EPIP-OC-.13	Site Evacuation and Personnel Mustering at Remote Assembly Areas	8	11/09/00
EPIP-OC-.25	Emergency Operations Facility (EOF)	24	07/05/01
EPIP-OC-.26	The Technical Support Center	23	07/05/01
EPIP-OC-.27	The Operations Support Center	11	11/09/00
EPIP-OC-.31	Environmental Assessment Command Center	11	08/08/00
EPIP-OC-.33	Core Damage Estimation	5	08/08/00
EPIP-OC-.35	Radiological Controls Emergency Actions	14	08/08/00
EPIP-OC-.40	Site Security Emergency Actions	10	11/30/00
EPIP-OC-.41	Emergency Duty Roster Activation	5	08/08/00
EPIP-OC-.44	Thyroid Blocking	1	08/08/00
EPIP-OC-.45	Classified Emergency Termination/Recovery	1	08/08/01
OEP-ADM-1311.03	Emergency Preparedness Section Administration	4	08/08/01
OEP-ADM-1319.01	Oyster Creek Emergency Preparedness Program	9	07/02/01
OEP-ADM-1319.02	Emergency Response Facilities & Equipment Maintenance	9	07/05/01
OEP-ADM-1319.04	Prompt Notification System	3	12/08/00
OEP-ADM-1319.05	Emergency Preparedness Event Reports	1	08/08/00

**OYSTER CREEK
EMERGENCY PREPAREDNESS
IMPLEMENTING DOCUMENT**

Number

OEP-ADM-1319.01

Title

Oyster Creek Emergency Preparedness Program

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Applicability/Scope

Applies to work at Oyster Creek

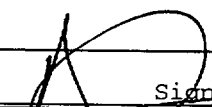

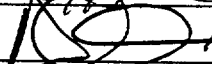
Usage Level

3Responsible Department
Emergency PreparednessThis document is within QA plan scope
50.59 Reviews RequiredX Yes ___ No
___ Yes X No

Effective Date

(06/22/01) 07/02/01

Prior Revision 8 incorporated the
following Temporary Changes:N/AThis Revision 9 incorporates the
following Temporary Changes:N/AList of Pages (all pages rev'd to Rev. 9)1.0 to 20.0
E1-1 to E1-4
E2-1 to E2-2
E3-1
E4-1 to E4-2
E5-1
E6-1
E7-1
E8-1
E9-1
E10-1**NON-CONTROLLED
This Document Will Not
Be Kept Up To Date
DCC Oyster Creek**

	Signature	Concurring Organization Element	Date
Originator		Emergency Planner	6/15/01
Concurred By		Plant Manager	6/20/01
Approved By	 FOR J. (Roseward)	Emergency Preparedness Mgr, OC	6/22/01

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DOCUMENT HISTORY

REV	DATE	ORIGINATOR	SUMMARY OF CHANGE
12	02/92	R. Sullivan	Update EP Admin Procedure to reflect changes in the EP Program.
13	05/92	R. Sullivan	Revise section 5.6.3.1 to allow short term change of duty without written notification to security.
14	07/92		Telephone number changes.
15	03/93		Make Exhibits 8 & 9 agree with Emergency Planning update staffing responsibilities.
16	06/94	A. Smith	Update NRC telephone number, also Duty Roster.
17	10/94	A. Smith	Delete Parsippany Field Monitoring teams.
18	01/95	A. Smith	Clarify on shift minimum staffing requirements. Supplemental positions added to duty roster at Mgt. discretion.
19	03/95	A. Smith	Delete team & position number from teleclerk announcement & replace with nine digit SS #.
0	01/96	A. Smith	Correct titles, clarify shift security supervisor in ref. to weekly comm. test. Revises procedure number to OEP series. Also clarify drill admin. and include action item training system. Rev. bars not applicable. Major rewrite.
1	07/96	T. Blount	Update phone numbers for Plant Ops Manager and INPO.
2	10/96	T. Blount	Clarify what a Supplemental position holder can do regarding filling an Essential position. Removed some Supplemental positions. Changed Duty Roster issuance frequency to as determined by EP Mgr. or Annually whichever is sooner.
3	12/97	P. Hays	Incorporate steps for computer configuration controls.
4	05/98	P. Hays	Updates Exhibits 2 & 8 to reflect recent changes in two duty roster staffing. Adds note for respirator glasses requirement. Changes Exhibit 9A to reflect recent changes in computer controls.
5	10/98	A. Smith	Change reference to action items and use "CAP's" as tracking system. Add information technologies to the notifications on the Drill Admin. form.
6	04/99	A. Smith	Indicate Safety Review required on cover page, reference new E-Plan #, ERO Test notification to weekly from every Thursday.
7	DOS	A. Smith	Change reference from GPU to OCNCS, reflect Monday for roster change of duty, add Lotus Notes for D.R. change of duty, update ERO to reflect PI Pos.
8	04/01	A. Smith	Delete position 355, OSC communicator.
9	06/01	A. Smith	Update titles in Exhibit 2 for selection mgrs; add 2 Exhibits 9 & 10 to capture duty roster placement of personnel.

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1.0 PURPOSE

This procedure defines the Oyster Creek Emergency Preparedness Program requirements and maintenance.

2.0 APPLICABILITY/SCOPE

2.1 This procedure applies to Oyster Creek Division and all Support Divisions in their activities at Oyster Creek relating to emergency preparedness.

2.2 This procedure delineates Oyster Creek responsibilities as assigned in 2000-PLN-1300.01, OCNCS Emergency Plan.

3.0 DEFINITIONS

3.1 Emergency Duty Roster - Consists of all Initial Response Emergency Organization (IREO) and Emergency Support Organization (ESO) personnel.

3.2 Oyster Creek Emergency Plan Implementing Document - This document shall include Emergency Plan Implementing Procedures and should include Emergency Preparedness Administrative Procedures.

3.3 Oyster Creek Emergency Preparedness Program - The program implemented by Oyster Creek Division, Support Divisions, and the Oyster Creek Emergency Preparedness Section to maintain a high level of emergency preparedness.

3.4 Essential Positions - Consist of those duty roster positions (personnel) described in the Emergency Plan. These positions are presented in Exhibit 7.

3.4.1 Essential positions also include the On-Shift Personnel required to meet the minimum staffing requirements of Table 5 of 2000-PLN-1300.01, OCGS Emergency Plan.

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3.5 Supplemental Positions - Consist of those duty roster positions (personnel) not required by the Emergency Plan.

3.5.1 Supplemental positions shall be trained as a minimum in accordance with Oyster Creek Emergency Plan Section 8.2.1, Step 1.

3.5.1.1 Supplemental positions should receive training in accordance with the Emergency Preparedness Training Program description 6200-PGD-2685, as a good practice, but it is not required.

3.5.2 Supplemental positions may fulfill the duties and responsibilities of an essential position if their training and qualification meet the minimum requirements as applicable for that position in Exhibit 4.

3.5.3 The supplemental positions are identified on the duty roster by the mid position number of 5 or higher in the three digit "position" identifier (e.g.; X5X, X6X, X7X, etc.). These positions are listed in Exhibit 8.

4.0 RESPONSIBILITIES

4.1 Directors, Managers and Supervisors shall:

4.1.1 Provide assistance in scenario preparation by developing supporting data and/or ensuring technical accuracy and credibility as requested.

4.1.2 Provide drill observers and controllers to assist in the conduct and evaluation of emergency drills and exercises as needed.

4.1.3 Nominate individuals from their organization for Initial Response Emergency Organization and Emergency Support Organization positions, as specified in Exhibit 2, Emergency Duty Roster Staffing Responsibilities, to fill current or projected vacancies on the Emergency Duty Roster.

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- 4.1.3.1 Individuals currently holding a position on the Emergency Duty Roster may be trained for other Roster positions but should not be assigned more than one position on the duty roster.
- 4.1.3.2 Individuals must complete initial training/retraining for the Roster position to which they are nominated prior to being assigned to the Roster unless a valid exception is documented in accordance with the Training Program.
- 4.1.4 Monitor their personnel's progress in achieving and maintaining proficiency on Emergency Preparedness assignments. This should be recognized in Employee Performance reviews.
- 4.1.5 Ensure that they and their personnel attend scheduled Emergency Preparedness training.
- 4.1.6 When necessary submit "Drill Exemption List" Exhibit 6, to the Plant Manager (or designee) for approval at least twenty four (24) hours prior to the Drill date.
- 4.2 Vice President - OC or designee shall be the final approver of all Emergency Duty Rosters.
- 4.3 The Emergency Preparedness Section - OC shall:
- 4.3.1 Schedule the training and retraining of Emergency Duty Roster personnel to maintain personnel training requirements current and provide timely notification of necessary training to appropriate personnel.
- 4.3.2 Develop, implement and maintain the Oyster Creek Emergency Preparedness Training Program within the guidance set forth in Reference 6.1 and 6.5.

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4.3.3 Maintain documentation of all Emergency Preparedness classroom training and provide a report to Emergency Preparedness quarterly, and/or prior to roster publication.

4.4 Facility Coordinators and positions on the Duty Roster identified as Group Leaders are responsible to assist in the conduct of OJT Drills for personnel assigned to their facility.

4.5 The Emergency Preparedness Manager/Site Coordinator - OC is responsible for the overall development, implementation and maintenance of the Oyster Creek Emergency Preparedness Program. The Emergency Preparedness Manager - OC shall:

4.5.1 Plan, coordinate, implement and evaluate drills and exercises.

4.5.2 Maintain Emergency Duty Roster and issue Confidential Telephone Information listing when the Mgr. determines sufficient Org./Personnel changes warrant revision or at least annually whichever is more frequent. The Roster should be reviewed by the Emergency Prep Manager, approved by the Duty Roster Coordinator & Senior Site Management.

4.5.3 Direct the issuance of a Initial Response Emergency Organization Duty Schedule for Drills/Exercises annually.

4.5.4 Review/concur on the Emergency Preparedness Training Program Description and related lesson plans and exams for technical accuracy and conformance with the Emergency Plan.

4.5.5 Maintain the Emergency Preparedness Surveillance Program and accompanying documentation. The Program includes, but is not necessarily limited to:

4.5.5.1 Installed equipment operability and performance testing.

4.5.5.2 Reviews and audits of Emergency Response Facilities and equipment readiness.

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- 4.5.5.3 Periodic updating of Letters of Agreement and emergency phone numbers.
- 4.5.5.4 Ensuring the technical adequacy of Emergency Preparedness Section staff personnel.
- 4.5.6 Review the Oyster Creek Emergency Preparedness Program to ensure satisfactory overall performance.
- 4.5.7 Track to completion "CAP" items related to emergency preparedness.
- 4.5.8 Control and revise Emergency Plan implementing procedures to reflect current information consistent with the latest revisions to the Emergency Plan and changes to EP facilities, equipment and documents.
- 4.5.9 Maintain and program as necessary the Emergency Response Organization Notification system. Review data derived from notification system tests and take corrective action for unsatisfactory results.
- 4.5.10 Perform critiques of actual implementations of the Emergency Plan (eg., any declared emergency).
- 4.6 Personnel assigned to the Initial Response and Emergency Support Organization Duty Roster are responsible to:
 - 4.6.1 Ensure that their assigned radio pager is operable and turned on when on duty and take positive action to replace their pager if it fails.
 - 4.6.2 Ensure that they are available to report for duty in accordance with the Fitness For Duty Policy within the required time during the period when they are on duty. Obtain a qualified replacement in accordance with Section 5.6.3 to carry out the assigned duties and responsibilities when any situation prevents him/her from performing his/her duty assignment on a short-term basis.

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- 4.6.3 Call the OCGS Teleclerk at (609) 971-4935 any time their assigned radio pager activates by a group code and follow the instructions provided by the Teleclerk message. This action does not include responding to the Teleclerk for the "Change of Duty" activation --(Monday morning usually).

NOTE

If the Teleclerk cannot be reached, or there is a discrepancy between pager message code and teleclerk message, report to your assigned ERF.

- 4.6.4 Acknowledge the phone message provided by the Teleclerk System, if contacted at home, and follow the instructions provided by the Teleclerk System.
- 4.6.5 Ensure that the Emergency Preparedness Section has their current telephone numbers (office and home).
- 4.6.6 Maintain respirator and training qualifications.

NOTE

Personnel in positions that require the use of respirators and require eye glasses must have the appropriate respirator eye glasses available at all times when on duty.

- 4.7 Shift Security Supervisor - OC should conduct a weekly test of the Emergency Response Organization Notification system during the 0700-1500 hour shift to include:
- 4.7.1 The Emergency Preparedness radio pagers
- 4.7.2 The Teleclerk System
- 4.8 Key members of the IREO and ESO should perform in, or observe a drill/exercise every 18 months (+ 25%). These members include: Emergency Director, OSC Coordinator, Emergency Support Director, and the Group Leader R & EC. At the discretion of EP Management key personnel who do not meet this criteria may be removed from the duty roster until the criteria is met.

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5.0 PROCEDURE

The Oyster Creek Emergency Preparedness Program consists of the following elements:

5.1 Development, implementation and maintenance of the Emergency Plan Implementing Document - This document, as defined in Section 3,

implements the Oyster Creek Emergency Preparedness Program.

5.2 Emergency Preparedness Training Program - This program is governed by Reference 6.1 and conducted in accordance with the Oyster Creek Training Department Procedures.

5.3 Emergency Drills and Exercises

5.3.1 An exercise is an evaluated demonstration of major portions of emergency response capabilities. An exercise tests the integrated capability of the emergency response organization to identify weaknesses that could affect the response to an actual emergency. Exercises usually involve a large radiological release affecting the off-site populace and usually involve the full or partial participation of federal, state, and local agencies. (ref: INPO 88-019)

5.3.2 A drill is an evolution conducted to develop and maintain key emergency response skills. Drills are usually narrower in scope than exercises and can be used to train a specific area of response such as fire response, medical response, or interagency communications. Drills can also be used to train for integrated response of the emergency organization. Drills should be used to practice and promote a high state of readiness and teamwork within and between on-site facilities and disciplines. Drills can be used to correct deficiencies identified in exercises. (ref: INPO 88-019)

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5.3.3 Periodic drills and exercises will be conducted in order to assess the state of emergency preparedness. The prime objective of this form of training is to verify the emergency preparedness of all participating personnel, organizations, and agencies. Each drill or exercise will be conducted to:

- (1) ensure that the participants are familiar with their respective duties and responsibilities,
- (2) verify the adequacy of the Emergency Plan and the methods used in the Emergency Plan Implementing Documents,
- (3) test communications networks and systems,
- (4) check the availability of emergency supplies and equipment, and
- (5) verify the operability of emergency equipment.

In addition, repair and damage control shall be included in one major drill/exercise on an annual basis. (ref: OCNGS E-Plan)

5.3.3.1 Medical Emergency Drill

Medical Drill shall be conducted annually. The drill will involve the participation of local medical support personnel and organizations (e. g., physician, ambulance service, hospital), and will involve simulated (injured) contaminated personnel.

5.3.3.2 Fire Emergency Drill

Fire drills shall be conducted in accordance with the site Fire Protection Plan.

5.3.3.3 Radiological Monitoring Drill

Radiological Drill shall be conducted annually. The drill shall include collection and analysis of all appropriate sample media for both onsite and offsite locations.

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5.3.3.4 Radiological Controls Drill

At least one drill shall be conducted semi-annually. The drill will involve response to, and analysis of, simulated elevated airborne and liquid samples and direct radiation measurements. The drill shall include analysis of inplant liquid samples with simulated elevated activity levels.

5.3.3.5 Hazardous Material Spill Drill

Hazardous Material Spill Drills shall be conducted as required by the OCNCS Environmental Control Plan.

5.3.3.6 Biennial Exercises

- a. The OCGS Emergency Plan shall be tested biennially to include a scenario with a Site Area or General Emergency. State and local government emergency plans will be included with full or partial participation by state and local governments within the Plume Exposure Pathway EPZ as required by federal regulations.
- b. Conduct of the exercise shall include mobilization of onsite and offsite emergency response personnel and resources in order to verify their capability to respond to an emergency. Communications with State and County agencies will be included. The scenario will be varied from year to year such that all major elements of these plans and preparedness organizations are tested within a six year period. Once within each six year period an exercise will be started in accordance with NRC and FEMA objectives for off-normal hours.

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- 5.3.4 "Hands-On/OJT" Drills will be conducted when it is determined additional training or experience will enhance an individual, selected group, facility staff or the ERO's ability to respond to emergency conditions. This session may take the form of a walk-through or a table-top discussion of an evolution/operation. This type of drill is distinct from those described in Section 5.3.3 in that the focus is limited and will generally not include an integrated response.
- 5.3.5 Actual Emergency Plan Activations may be credited in place of selected drills if the Emergency Preparedness Manager deems it appropriate. Generally an Alert or higher level emergency may be substituted for a Drill. Such events may also replace an Exercise with NRC approval.
- 5.3.6 Drill Controllers and Observers will be selected from the Plant and supporting divisions based on their specialized expertise. Selection will be based on Company Organizational Position and/or Emergency Response Organization qualifications.
- 5.3.7 Drill attendance may be conducted by the facility drill controller/observer. Attendance sheets should be signed by the participants for drill credit. Attendance sheets should be returned to the Emergency Preparedness Section for documentation.
- 5.3.8 Personnel may be exempted from drill participation by submitting a copy of a completed Exhibit 6. This should be submitted at least twenty-four (24) hours prior to the scheduled drill date. Should a member of the Team/Priority participating in the Drill require exemption, the Director, Manager, or Supervisor requesting the exemption shall make all necessary arrangements for coverage of that position during the drill. The Drill Exemption List must be approved by the Plant Manager or his designee. Completed copies shall be sent to Shift Security Supervisor's Office - Main Gate and Emergency Preparedness Office.

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5.3.9 NRC Administrative Letter 94-16 (dated November 30, 1994) provides revised guidance concerning NRC Core Inspection Program for Annual E.P. exercises.

5.3.9.1 The letter revised the inspection frequency for performing specific inspection modules (Evaluation of Exercises for Power Reactors and Review of Exercise Objectives and Scenarios for Power Reactors) from annual to biennial.

5.3.9.2 An Annual exercise will be conducted in accordance with 10CFR50 App. E and submittal of exercise scenarios and objectives will be done biennially, in accordance with IN-94-16.

5.3.10 All drills and exercises will be documented using Exhibit 1. Any items which do not pertain to a particular exercise or drill should be noted "N/A".

5.4 Emergency Preparedness Surveillance Program - Included in the Oyster Creek Emergency Preparedness Procedure Manual as the OEP-SUR-1310 series.

5.5 Emergency Response Facilities and Equipment Readiness - These facilities and associated equipment will be maintained in accordance with OEP-ADM-1319.02, Emergency Response Facilities and Equipment Maintenance.

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5.6 Emergency Response Organization - The maintenance of the Emergency Response Organization will be as follows:

5.6.1 Nomination and approval process.

5.6.1.1 Responsible Directors, Managers and Supervisors as listed in Exhibit 2, Emergency Duty Roster Staffing Responsibilities, shall nominate individuals from the OCGS organization to fill current or projected vacancies in the Emergency Duty Roster.

1. The nominating Director, Manager or Supervisor shall ensure that nominated individuals meet the criteria outlined in Exhibit 4, Qualification Requirements for Essential Personnel.

5.6.1.2 The Technical Training Manager-OC or designee shall review the nominated individual's Emergency Preparedness training to ensure proper completion.

1. If the nominee has not completed Emergency Preparedness training, the appropriate training should be scheduled in a timely manner.
2. Once training has been completed the Emergency Duty Roster Change shall be signed and forwarded to the Emergency Preparedness Duty Roster Coordinator.

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- 5.6.1.3 The Emergency Preparedness Manager or designee shall receive Emergency Duty Roster Changes and review them to the extent necessary for his approval.
- 5.6.1.4 The Emergency Duty Roster shall be updated in the Duty Roster Database. Upon approval the Emergency Duty Roster will be returned to and disseminated by the Emergency Preparedness Department.
- 5.6.1.5 All completed Emergency Duty Roster Changes should be documented on Exhibit 10 for update in the Duty Roster Database.
- 5.6.1.6 When the ERO candidate completes the appropriate Trainer/Quals and is placed on the Duty Roster their Management will be notified.
- 5.6.1.7 Personnel with lapsed qualifications which are not renewed shall be removed from the Duty Roster. Reinstatement shall be in accordance with 5.6.1.
- 5.6.2 Emergency Duty Rosters and Schedules
- 5.6.2.1 The Emergency Duty Roster shall be revised, in the Duty Roster Database as changes occur. The Tele-Clerk Notification System will be updated as changes occur, in a timely fashion.
- 5.6.2.2 Periodically a Confidential Telephone Information listing will be published and distributed. This phone listing will be distributed to the following:
- Shift Security Supervisor's Office
 - Emergency Operations Facility
 - Emergency Control Center
 - Technical Support Center

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5.6.2.3 An Emergency Organization Duty Roster Schedule and a Drills/Exercise Schedule will be published and distributed with the Emergency Duty Roster.

5.6.3 Duty Roster/Schedule Changes

5.6.3.1 A short term change (exchange of duty for less than 72 hours) to the Initial Response Emergency Organization or Emergency Support Organization (IREO or ESO) Duty Schedule will be accomplished by having the qualified relief carry his/her pager and notifying the Shift Security Supervisor, in writing of the exchange of duty if time permits. If no written notification is received by Security, the on-call duty roster member will be responsible to ensure the position is filled.

5.6.3.2 A long term change (exchange of duty for 72 hours or more) to the IREO or ESO Duty Schedule will be accomplished by the duty assignee submitting a notice similar to Exhibit 3, Notice of Temporary Change of Duty, or via Lotus Notes EP Duty Roster Exchange to the Emergency Preparedness Manager or designee with a copy to the Site Security Manager preferably one week in advance of the change. The notice will be retained until the change is no longer effective.

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NOTE

A Lotus Notes Application is available to electronically submit a "Notice of Temporary Change of Duty". This is the preferred method of exchanging duty.

- 5.6.3.3 Personnel changes to the Emergency Duty Roster will be made by submitting a notice similar to the Emergency Duty Roster Change form and processed according to Section 5.6.1. Appropriate measures should be taken by the responsible managers to ensure all positions remain fully staffed.
- 5.6.4 Initial Response Emergency Organization (IREO) Team Duty Period
 - 5.6.4.1 The normal period of on-call duty for the Initial Response Emergency Duty Roster Teams is 0800 hours Friday to 0800 hours Friday of the following week. Exceptions to this period are noted on the annual published duty schedule. During this period IREO members on duty shall be fit for duty in accordance with the employee Fitness for Duty Program (Reference 6.4). The OCGS Duty Roster Schedule identifies duty periods for all teams.
- 5.6.5 Emergency Support Organization Team Duty Period
 - 5.6.5.1 The ESO will follow duty rotation in accordance with Section 5.6.4.1. During the duty period these teams shall comply with the Employee Fitness for Duty program (Reference 6.4). The OCNCS Duty Roster Schedule identifies duty periods for all teams.

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5.6.6 Weekly Notification System Test

- 5.6.6.1 A weekly Emergency Response Organization Notification System test should be performed by Security personnel weekly by activating radio pagers and the Teleclerk.

5.7 Corrective Action Process (CAP) - Issues related to the conduct of the Emergency Preparedness Program should be entered into the CAP System. A self assessment of EP CAP items should be conducted each year not to exceed 15 months. The assessment should look for trends as described in 2000-ADM-7216.01.

5.8 Control of Software

5.8.1 Software developed or maintained by Emergency Preparedness shall be protected from unauthorized modification by:

- 5.8.1.1 Limiting distribution of uncompiled source code to those specifically authorized to modify the code.
- 5.8.1.2 Maintaining backup copies of source code
- 5.8.1.3 Maintaining backup copies of unprotectable external data.
- 5.8.1.4 Periodically creating backup copies of accumulated results data.
- 5.8.1.5 Software control is in accordance with 1000-ADM-1230.10 Master List.

5.8.2 Software shall have a specified responsible individual, who will:

- 5.8.2.1 Be a point of contact for user comments.
- 5.8.2.2 Notify users of errors or omissions.
- 5.8.2.3 Coordinate modification.
- 5.8.2.4 Ensure distribution of revisions to authorized users.

5.8.3 In house software shall be tested:

- 5.8.3.1 Before initial distribution.
- 5.8.3.2 After revision.

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5.8.3.3 Such test result documentation may be flexible based on the nature of the software or degree of revision.

5.8.3.4 Documentation for other than 'non-substantive changes' shall be permanent (memo, formal calculation when applicable, etc.). Use Exhibit 9 Software Configuration Control Change Request. Additional supporting documentation should be attached.

NOTE

Changes which could reasonably be expected to affect record retention or numerical accuracy shall be considered substantive. EXAMPLE: a change which adds the date to a printout may be non-substantive, a change which alters global results data file structures may be substantive even though no actual calculations are modified.

5.8.4 Vendor Supplied Software shall be tested:

5.8.4.1 For operability on available equipment.

5.8.4.2 For accuracy of results.

6.0 REFERENCES

- 6.1 OCGS Emergency Plan, 2000-PLN-1300.01
- 6.2 Emergency Preparedness Procedure, OEP-ADM-1319.02, Emergency Response Facilities and Equipment Maintenance
- 6.3 Oyster Creek Emergency Plan Implementing Document
- 6.4 Employee Fitness for Duty Procedure/Drug and Alcohol OSEC-IMP-2002.04.
- 6.5 2612-PGD-2685 Emergency Preparedness Training Program.
- 6.6 INPO Document - 88-019 - Emergency Preparedness Drill and Exercise Manual.
- 6.7 Corrective Action Process 2000-ADM-7216.01.
- 6.8 10CFR50
- 6.9 1000-ADM-1230.10, Computer Systems Control

Title

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97.0 EXHIBITS

- 7.1 Exhibit 1, Example Drill Administrative Guide Form
- 7.2 Exhibit 2, Emergency Duty Roster Staffing Responsibilities
- 7.3 Exhibit 3, Example Notice of Temporary Exchange of Duty
- 7.4 Exhibit 4, Requirements for Emergency Duty Roster Personnel
- 7.5 Exhibit 5, Drill Exemption List
- 7.6 Exhibit 6, Emergency Response Organization Essential Positions
- 7.7 Exhibit 7, Emergency Response Organization Supplemental Positions
- 7.8 Exhibit 8, Software Configuration Control Change Request
- 7.9 Exhibit 9, Duty Roster Placement of Personnel
- 7.10 Exhibit 19, Lotus Notes Duty Roster Database Information

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Oyster Creek Emergency Preparedness Program

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(EXAMPLE)
EXHIBIT 1
DRILL ADMINISTRATIVE GUIDE FORM

1. Classification and Scheduling

The Emergency Preparedness Manager or his designee shall circle the appropriate title below and note the date and time the drill is to be held.

	<u>TIME</u> / <u>DATE</u>	<u>DATE</u> / <u>INITIALS</u>
• Drill	_____ / _____	
• Dress Rehearsal	_____ / _____	
• Annual Exercise	_____ / _____	_____ / _____

2. Scenario Development

The Emergency Preparedness Manager or his designee shall be responsible for the drill scenario preparation as well as obtaining scenario review from personnel listed below.

Scenario # _____ Revision _____ / _____

SRO (Name) _____

RAD PRO OR RAD ENGINEERING SUPERVISOR (Name) _____

OTHER REVIEW _____

Title Oyster Creek Emergency Preparedness Program	Revision No. 9
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(EXAMPLE)
EXHIBIT 1 (Continued)

DRILL ADMINISTRATIVE GUIDE FORM

3. <u>Outside Agency Notification</u>	<u>DATE</u> / <u>INITIALS</u>
The Emergency Preparedness Manager or his designee is responsible for coordinating efforts with outside participating emergency personnel and organizations and notify the agencies indicated below;	
a. New Jersey State Police Emergency Operations Center (609) 882-4201	_____ / _____
b. Ocean County Department of Emergency Services (908) 341-3451	_____ / _____
c. NRC Operations Center, Rockville, Md. (301) 816-5100 (If no answer call (301) 951-0550)	_____ / _____
(Specify Name) _____	
d. Resident NRC Inspector (609) 971-4978	_____ / _____
e. Local Fire Companies (at the discretion of E. P. Mgr.)	_____ / _____
f. Community Medical Center [Nursing Services Supv. (908) 240-8000] (at discretion of E.P. Mgr.)	_____ / _____
g. Southern Ocean County Hospital [Nursing Service Supervisor (609) 597-6011] (at discretion of E.P. Mgr.)	_____ / _____
h. Rescue Squads (at discretion of E.P. Mgr.)	_____ / _____
(Specify Which) _____	
i. INPO Emergency Ops Center (800) 321-0614	_____ / _____
j. Ocean County Sheriff's Comm. Center (908) 349-2010 or (908) 349-2094	_____ / _____
k. Lacey Township Police Dept. (609) 693-6636	_____ / _____
l. Ocean Township Police Dept. (609) 693-4007	_____ / _____

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(EXAMPLE)
EXHIBIT 1 (Continued)

DRILL ADMINISTRATIVE GUIDE FORM

_____/_____
DATE / INITIALS

m. Other _____/_____

(Specify) _____

4. Information Technologies Reading Help Desk (Ext. 5555) _____/_____

5. Plant Notification

a. Vice President, Oyster Creek
(Ext. 2300) _____/_____

b. Plant Manager
(Ext. 4415) _____/_____

c. Site Security Manager
(Ext. 4949) _____/_____

d. Public Affairs
(Ext. 4020) _____/_____

6. Observers

The Emergency Preparedness Manager is responsible for assigning observers to monitor personnel and areas involved in the drill. All plant and supporting departments are responsible for providing technically qualified observers to assist in drill observation and evaluation.

a. Assign all observers. _____/_____

b. Publish memo providing date, times & locations to all observers. _____/_____

7. Pre-Drill Meeting

Meet with all observers and other non-player personnel involved with the drill to brief them on scope, sequence of events and responsibilities. _____/_____

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(EXAMPLE)
EXHIBIT 1 (Continued)
DRILL ADMINISTRATIVE GUIDE FORM

- | | DATE / INITIALS |
|---|--|
| <p>8. <u>Shift Participation</u>
The operating shift(s) actually tested in the drill/exercise should be listed.</p> | _____ / _____ |
| <p>9. <u>Post Drill Requirements</u>
Upon completion of the drill, the Emergency Preparedness Manager is responsible for meeting with all observers and holding a critique to review and discuss deficiencies and corrective actions.</p> <p>a. Meet with all observers to review their significant comments, if possible.</p> <p>b. Hold drill critique to review drill with involved personnel.</p> <p>c. Collect signed Observer comments as available.</p> <p>d. Collect Drill Attendance Forms, if used.</p> <p>e. Print Lotus Notes Drill Logs & Empty Database</p> | <p>_____ / _____</p> <p>_____ / _____</p> <p>_____ / _____</p> <p>_____ / _____</p> <p>_____ / _____</p> |
| <p>10. <u>CAP Process</u>
The Emergency Preparedness Manager or his designee is responsible for developing <u>CAP's</u> based upon drill recommendations.</p> <p>a. Develop <u>Action Items</u>.</p> | <p>_____ / _____</p> |
| <p>11. <u>Documentation and Routing of Drill and Critique Results</u>
The Emergency Preparedness Manager or his designee is responsible for ensuring that all documents generated as a result of the drill are collected and forwarded to appropriate personnel and/or departments.</p> <p>a. Prepare and distribute Drill or Exercise Critique memo.</p> <p>b. Forward the completed drill packet to Document Control. Items included in the <u>Drill Packet</u> are the following:</p> <p>1. List of Observers</p> <p>2. Drill Critique</p> <p>3. Completed Drill Administrative Guide Form (Exhibit 1)</p> <p>c. Forward Drill Attendance Forms to Training Administrative Support</p> | <p>_____ / _____</p> <p>_____ / _____</p> <p>_____ / _____</p> |

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(EXAMPLE)
EXHIBIT 2

Emergency Duty Roster Staffing Responsibilities

Duty Roster Position

Responsibility for Staffing

EMERGENCY CONTROL CENTER

101 Operations Coordinator	Plant Manager
102 ECC Communications Coordinator	Plant Manager
103 ECC Communicator	Engineering
104 ECC Communicator	Plant Manager

TECHNICAL SUPPORT CENTER

201 Emergency Director	Plant Manager
202 ED Assistant	Plant Manager
203 Rad Assessment Coordinator	Plant Manager
204 Rad Engineering Support	Plant Manager
205 TSC Coordinator	Director Engineering
206 TSC Engineer (Mech)	Director Engineering
207 TSC Engineer (Elec)	Director Engineering
208 TSC Engineer/I & C	Director Engineering
210 Core Engineer	Director Engineering
250 TSC Communications Coordinator	Director Engineering
253 Tech Assistant	Director Engineering
658 Computer Eng.	Director Engineering

OPERATIONS SUPPORT CENTER

301 OSC Coordinator	Maintenance Director
302 Emergency Maintenance Coordinator	Maintenance Director
303 Rad Control Coordinator	Plant Manager
304 Chemistry Coordinator	Plant Manager
305 Medical Representative	Occupational Health
306 Security Coordinator	Station Support Director
350 Maintenance Team Coordinator	Maintenance Director
351 Emergency Maintenance Electrical	Maintenance Director
353 OSC Communications Coordinator	Maintenance Director
354 OSC Communicator (Operations)	Maintenance Director

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(EXAMPLE)
EXHIBIT 2

Emergency Duty Roster Staffing Responsibilities

Duty Roster Position

Responsibility for Staffing

OFF-SITE RADIOLOGICAL MONITORING TEAMS

450 Rad/Env Survey Team A Leader	Plant Manager
451 Rad/Env Survey Team A Assistant	Plant Manager
452 Rad/Env Survey Team B Leader	Plant Manager
453 Rad/Env Survey Team B Assistant	Plant Manager

EMERGENCY ASSEMBLY AREA

501 Emergency Assembly Area Coordinator	Work Management Director
---	--------------------------

EMERGENCY OPERATIONS FACILITY

601 Emergency Support Director	Vice President
602 ESD Assistant	Vice President
603 Group Leader R&EC	Plant Manager
605 EOF Communications Coordinator	HR Manager
606 EOF Communicator	HR Manager
607 EOF Communicator	HR Manager
608 Tech Support Representative	Director Engineering
609 Group Leader - Administrative Support	Work Management Director
610 Emergency Preparedness Representative	Station Support Director
612 P.I. Tech Rep/Com	HR Manager
650 Tech Support Staff	Director Engineering
651 Tech Support Staff	Director Engineering
652 Tech Support Staff	Director Engineering
653 Administrative Support Staff	Work Management Director
654 Material Management Coordinator	Work Management Director

ENVIRONMENTAL ASSESSMENT COMMAND CENTER

801 Environmental Assessment Coordinator	Plant Manager
802 Met/Dose Assessment Coordinator	Plant Manager

JIC

910 Media Center Lead - Com	HR Manager
911 Media Ct. Advisor/Communicator	HR Manager
912 PI Tech Rep - Com	HR Manager
913 PI Rep - Com	HR Manager
952 JIC Admin./Communicator	HR Manager

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EXHIBIT 3

Notice of Temporary Exchange of Duty

Subject: IREO/ESO Exchange of Duty
(circle one)

To: Emergency Preparedness Manager - OC
Security Manager - OC

I, _____, am assigned to the Emergency
Name

Response Organization Duty Roster, Position Number _____, as

a(n) _____
Assignment

I will be unable to fulfill my on-call assignment during the period
_____ to _____ and have arranged with

Name Home Telephone No. Office No.

who is fully qualified to perform my duties during this period.

Signature

Title

Signature:

Person Accepting Duty

Date: _____

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(EXAMPLE)
EXHIBIT 4

QUALIFICATION REQUIREMENTS FOR ESSENTIAL PERSONNEL

I. On-Shift Emergency Organization

- A. Satisfactorily complete and maintain required skills training and possess operators license, as appropriate, for assigned position.
- B. Satisfactorily complete and maintain Emergency Preparedness Training Program requirements for position assigned.
- C. Satisfactorily complete and maintain respirator qualification in accordance with Plant requirements.
- D. Satisfactorily complete and maintain radiation worker training (Level II).
- E. Must be active in the dosimetry system (i.e., TLD).

II. Initial Response Emergency Organization (IREO)

- A. Satisfy the prerequisites for selection and assignment to the specific emergency response position to which assigned, as specified in the Emergency Plan.
- B. Must satisfy 1 hour response time requirement.
- C. Satisfactorily complete and maintain Emergency Preparedness Training Program requirements for position assigned in the Initial Response Organization.
- D. Satisfactorily complete and maintain respirator qualification in accordance with Plant requirements.
- E. Satisfactorily complete and maintain radiation worker training (Level II).
- F. Must be active in the dosimetry system (i.e., TLD assigned).

*NOTE

Items D, E, and F above are not applicable to Emergency Assembly Area Coordinators.

*NOTE

Exemptions to IC and II D may be granted by the Plant Manager or designee with EP concurrence from the Emergency Preparedness Manager if loss of the individual's expertise may lower the effectiveness of the EP Program. However, the individual will not be permitted to enter an area where respirators are required.

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(EXAMPLE)
EXHIBIT 4
(continued)

QUALIFICATION REQUIREMENTS FOR ESSENTIAL PERSONNEL

III. Emergency Support Organization (ESO)

- A. Satisfy the prerequisites for selection and assignment to the specific emergency response position to which assigned, as specified in the Emergency Plan.
- B. Satisfactorily complete and maintain Emergency Preparedness Training Program requirements for the position assigned in the Emergency Support Organization.

NOTE

All essential personnel assigned an emergency response role requiring response onsite during an emergency shall be respirator qualified. In addition, all such personnel shall be active in the dosimetry system (i.e., TLD assigned). This note applicable to Sections I and II above and not III.



**OYSTER CREEK
EMERGENCY PREPAREDNESS
IMPLEMENTING DOCUMENT**

Number
OEP-ADM-1319.01

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(EXAMPLE)
EXHIBIT 5
DRILL EXEMPTION LIST

DRILL DATE: _____
COMPANY: _____
DEPARTMENT: _____

NAME (last, first)	Key Card #	Slot #	SOC. SEC. #	Reason

NOTE

All required information must be completed prior to being submitted for approval.

Requested by / Date
(Dir, Mgr, or Supv)

Approved by / Date
(Dir, - Ops & Maintenance)

cc: Security
Emergency Preparedness

Title

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EXHIBIT 6

Emergency Response Organization

Essential Positions

101 Operations Coordinator
102 ECC Communications Coordinator
103 ECC Communicator (Tech Functions)
104 ECC Communicator (Plant Status)
201 Emergency Director
202 E.D. Assistant
203 Rad. Assessment Coordinator
204 Radiological Engineering Support
205 TSC Coordinator
206 TSC Engineer (Mech)
207 TSC Engineer (Elec)
208 TSC Engineer (I&C)
210 Core Engineer (Tech Functions)
301 OSC Coordinator
302 Emergency Maintenance Coordinator
303 Radiological Controls Coordinator
304 Chemistry Coordinator
305 Medical Representative
306 Security Coordinator
501 Emergency Assembly Area Coordinator
601 Emergency Support Director
602 ESD Assistant
603 Group Leader R&EC
604 Public Information Representative
605 EOF Communications Coordinator
606 EOF Communicator
607 EOF Communicator
608 Tech Support Representative
609 Group Leader - Admin Support
610 Emergency Preparedness Representative
612 PI Tech Rep/Com
801 Env. Assess. Coordinator
802 Met/Dose Assessment Coordinator
910 Media Center Lead/Com
911 Media Center Advisor/Com
912 PI Tech Rep/Com
913 PI Rep/Com

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EXHIBIT 7

Emergency Response Organization

Supplemental Positions

250 TSC Communications Coordinator
253 Technical Assistant
350 Maintenance Team Coordinator
351 Emergency Maintenance Electrical
353 OSC Communications Coordinator
354 OSC Communicator (Operations)
355 OSC Communicator (Plant Status)
450 Rad/Env. Survey Team A Leader
451 Rad/Env. Survey Team A Assistant
452 Rad/Env. Survey Team B Leader
453 Rad/Env. Survey Team B Assistant
650 EOF Tech Support Staff
651 EOF Tech Support Staff
652 EOF Tech Support Staff
653 Admin Support Staff
654 Materials Management Coordinator
658 Computer Eng.
952 JIC Admin./Communicator

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EXHIBIT 8

Software Configuration Control Change Request

1. Software/Source Code to be Changed: _____

2. Requested Change: _____

3. Responsible Point of Contact: _____

4. Concurrence for Change Request YES / NO Sig. _____ Date _____

If NO an explanation should be provided to requesting party, If YES proceed with request.

5. Responsible Change Party: _____

5.1 Description of Change: _____

5.2 Method of Verification and Validation: _____

6. Responsible Reviews: _____

7. Emergency Preparedness Approval

Approval Signature / Title / Date

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EXHIBIT 9

Duty Roster Placement of Personnel

1. Responsible management listed in Exhibit 2 will notify the Duty Roster Coordinator of an anticipated vacancy, duty roster change or person to be removed from the roster.
2. Responsible management identifies personnel replacement to Duty Roster Coordinator.
3. Duty Roster Coordinator checks prerequisites of duty position with personnel qualifications. If personnel are qualified proceed with this process. If personnel are NOT qualified, determination will be made on a case by case basis with the responsible management to gain the necessary training to qualify the person in the position.
4. Duty Roster Coordinator will schedule and/or conduct the necessary class or classes. Provide new roster member with duty roster packet.
5. Duty Roster Coordinator will, if necessary, coordinate completion of qual card and/or drill.
6. Duty Roster Coordinator will notify responsible management that individual is qualified to assume duty roster position and if necessary grant removal of outgoing roster personnel.
7. Duty Roster Coordinator will update the teleclerk and lotus notes EP roster database to add/move personnel into new position. Use Exhibit 10 for update information.
8. Individual notified of exact duty roster placement by the Duty Roster Coordinator.

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EXHIBIT 10

Lotus Notes Duty Roster

Database Information

NAME _____

EMPLOYEE _____

EST. REPORTING TIME
TO ERF FROM HOME _____

SOCIAL SECURITY # _____

HOME BASE # _____

SITE ADDRESS _____

WORK PHONE # _____

HOME PHONE # _____

BEEPER # _____

CELL # _____

EP OFFICE TO FILL IN

TEAM # _____ POSITION # _____

TRAINING/QUALIFICATION COMPLETE DATE _____

DUTY ROSTER START DATE _____

SUPERIOR/MANAGER _____



An Exelon/British Energy Company

OYSTER CREEK
EMERGENCY PREPAREDNESS
IMPLEMENTING PROCEDURE

Number

GEP-ADM-1319.02

Title EMERGENCY RESPONSE FACILITIES & EQUIPMENT MAINTENANCE		Revision No. 9
Applicability/Scope Applies to work at Oyster Creek	Usage Level 3	Responsible Department Emergency Preparedness
This document is within QA plan scope 50.59 Reviews Required		Effective Date (06/25/01) 07/05/01

Prior Revision 8 incorporated the following Temporary Changes:

N/A

This Revision 9 incorporates the following Temporary Changes:

N/A

List of Pages (all pages rev'd to Rev. 9)

- 1.0 to 10.0
- E1-1 to E1-21
- E2-1 to E2-5
- E3-1 to E3-5
- E4-1 to E4-4
- E5-1
- E6-1 to E6-2
- E7-1 to E7-3
- E8-1 to E8-2
- E9-1

**NON-CONTROLLED
THIS DOCUMENT WILL NOT
BE KEPT UP TO DATE
IRMC OYSTER CREEK**

	Signature	Concurring Organization Element	Date
Originator		EP Coord.	6/22/01
Concurred By		Plant Manager	6/22/01
Approved By		Emergency Preparedness Mgr, OC	6/25/01

Title EMERGENCY RESPONSE FACILITIES & EQUIPMENT MAINTENANCE	Revision No. 9
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DOCUMENT HISTORY

REV	DATE	DESCRIPTION OF CHANGE	PREPARED BY: REVIEWED BY: APPROVED BY:
7	07/17/92	Revise forms requirement at several centers, update JIC equipment.	
8	08/93	Major rewrite of Procedure.	D. VanNortwick
9	09/94	Update form ie. Quantities and Nomenclature. Remove telephones, desks, chairs, clocks from inventory.	A. Smith
10	12/94	Update forms for various inventories at centers.	A. Smith
11	05/19/95	Reduce inventory of fixed equipment and normal consumables i.e. pens & pads clarify reporting instructions on inventory forms. Due to the extent of the change rev bars are not appropriate.	A. Smith
0	04/06/96	Remove North Gate inventories. Adjust various inventories to reflect anticipated needs. Further clarify reporting instructions. Correct responsible titles. Clarify review process for completed inventories. Due to the extent of the change rev bars are not appropriate.	A. Smith
1	02/97	Reduce quantities of full face neg. pressure resp. at ERF's, add Zeolite cartridge insp., add Dosimeter charger to APP A-1, adjust the size of Phillips Head screw drivers in APP. "D" to reflect actual contents.	A. Smith
2	12/97	Delete Ref. To EPIP-OC-.04 add inventory sheet for new primary EAA which is now OCAB Cafeteria. Modify tests for EACC Computers to reflect current testing.	A. Smith
3	06/98	Adjusting inventories on various appendixes to reflect additional equip. consolidate forms for cleaner documentation. Change air sampler in on site van from hi-vol to lo-vol.	J. Rayment
4	09/98	Remove respirators from offsite FMT vans as per Revision 1 of this procedure.	A. Smith
5	02/99	Change "Xetex Chirper" to ESRD or equivalent.	D. VanNortwick
6	08/99	Include rescue equipment in lockers-clarify locker location.	D. VanNortwick
7	DOS	Remove Comec and GPU cover page. Change reference from GPU or GPUN to OCNGS.	A. Smith
8	04/01	Relocate first aid equipment.	G. Hutton
9	06/01	Update titles, include change management process, update new locations for equipment.	A. Smith

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EMERGENCY RESPONSE FACILITIES & EQUIPMENT MAINTENANCE	9

1.0 PURPOSE

This procedure delineates the requirements to maintain availability and reliability of Emergency Equipment.

2.0 APPLICABILITY/SCOPE

This procedure applies to the Oyster Creek Division and Support Divisions assigned responsibilities for Emergency Response Facilities and/or equipment.

3.0 DEFINITIONS

Housekeeping as used in this document is intended to maintain emergency lockers in a neat and orderly fashion.

4.0 RESPONSIBILITIES

4.1 All Responsible Organizations

4.1.1 Directors/Managers shall be responsible to assign an individual to inventory equipment/material needs for each facility as identified in Section 4.0.

NOTE

Directors/Managers shall be responsible to replace any equipment and/or supplies which were used or are missing or require maintenance.

4.2 The Emergency Preparedness Manager-OC or designee shall:

4.2.1 Assign a facility custodian to maintain the Emergency Operations Facility (EOF), Tech Support Center (TSC), and Building 14 Remote Assembly Area in a state of readiness.

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- 4.2.2 Ensure that inventories are performed at frequencies defined in this procedure and that surveillance deficiencies are identified, resolution scheduled and tracked to completion.
- 4.2.3 Review the results of inventories in accordance with Section 5.4.
- 4.3 The Manager, Chemistry/Radwaste shall maintain the Emergency Chemistry equipment in a state of readiness.
- 4.4 The Manager of Operations shall maintain the Emergency Control Center (ECC) in a state of readiness.
- 4.5 The Manager Security shall maintain the Main Gate Processing Center, and the Emergency Assembly Area in a state of readiness.
- 4.6 The Manager Radiation Protection shall:
 - 4.6.1 Make available Rad-Techs following each drill or quarter as necessary to assist completing the required inventory of facilities and Emergency Radiological Controls equipment. EP, individual facility coordinators, RCCs or GRC's will indicate the facilities and equipment to be inventoried and replenished.
 - 4.6.2 Assign a custodian to test and maintain the Dose Projection Computer equipment located in the Computer Room (off of the Control Room) and in the Rad Analysis Support Engineer's office in the TSC.
 - 4.6.3 Assign a facility custodian to ensure Rad Assessment Support Office in TSC is kept orderly and in a state of readiness.
 - 4.6.4 Maintain Emergency Respirator Equipment Facility.
 - 4.6.5 Ensure the Emergency Off-Site Monitoring Equipment is inventoried and maintained.

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4.7 The Supervisor Radwaste/Environmental shall:

4.7.1 Maintain the Environmental Assessment Command Center (EACC) in a state of readiness.

4.8 The Occupational Health shall ensure that First Aid and Rescue equipment is maintained.

4.9 The Director Maintenance-OC shall:

4.9.1 Assign a facility custodian and maintain the Operations Support Center (OSC) in a state of readiness.

4.9.2 Ensure that Manager Rad Engineering

4.10 Manager Rad Engineering

4.10.1 Will ensure that Rad Pro emergency instruments are properly maintained, calibrated, and inventoried per applicable procedures.

5.0 PROCEDURE

5.1 Emergency Response Facilities

A facility custodian should be assigned for the TSC, OSC and EOF and may be assigned for other Emergency Response Facilities by the responsible director, manager, or supervisor as identified in Section 4.0. These facility custodians or the responsible Director, Manager, or Supervisor shall oversee the readiness of the assigned facility. Any changes to emergency facilities or equipment must be reviewed in accordance with the Change Management Process as referenced in this procedure.

This includes:

5.1.1 Maintenance of controlled procedures, drawings, logbooks, etc.

5.1.2 Inspection and inventory of the assigned facility after each use, but in no case less than quarterly, to verify stockage of required items and to test equipment operability.

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5.1.3 The use of the Dose Projection Computers and associated equipment during a drill will constitute the inspection required after each drill as long as the quarterly requirements are met.

NOTE

Appendix H of this procedure will still be filled out to document the results of the inspection.

5.2 Emergency Equipment

Emergency equipment shall be inventoried, calibrated, and maintained by the responsible departments identified in Section 4.0.

5.2.1 Emergency kits/lockers shall be inventoried once each calendar quarter and after use during drills, exercises, training or actual emergencies. An inventory performed after use during drills, exercises, training or actual emergencies may also satisfy the quarterly requirement.

5.2.1.1 Inventories should be completed within 10 days of drill or training usage or end of quarter.

5.2.2 Radiological instruments should be inspected for serviceability, calibration, battery condition.

5.2.3 When removing any instrument or equipment for repair/calibration from any emergency equipment storage location, an equivalent (serviced and calibrated) replacement shall be provided by the end of the shift it was taken out of service on.

5.2.4 Radiological instruments in emergency lockers are not to be used for any other purpose in the plant. They are for emergency and drill use only.

5.2.5 Silver Zeolite Cartridges are certified by the manufacturer to have a ten year shelf life when in a sealed sleeve. The sleeve integrity and date on sleeve should be checked during each inventory. All other cartridges out of sleeves should be marked "For Training Use".

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5.2.6 Emergency lockers and kits will be locked and periodically (at least quarterly) inspected for lock integrity. Lockers or kits with suspect integrity should be inventoried.

NOTE

Emergency kits which contain TLD's DO NOT store button source close to TLD's.

5.3 Emergency Equipment/Facility Inventory

5.3.1 The Emergency Preparedness Surveillance Coordinator or designee shall, at least quarterly, send out inventory checklists to be completed by the responsible departments along with appropriate instructions to complete inventories. (Ref. 1R95-20 Nov)

5.3.2 The responsible organization shall assign an individual to complete the inventory of the facilities and equipment as follows:

Appendix Organization

- A-1 Rad Pro/Emergency Preparedness
- A-2 Rad Pro/Emergency Preparedness
- A-3 Rad Pro/Emergency Preparedness
- A-4 Rad Pro/Emergency Preparedness
- A-5 Rad Pro/Emergency Preparedness
- A-6 Respiratory Protection Maintenance
- A-7 Rad Pro/Emergency Preparedness
- A-8 Rad Pro/Emergency Preparedness
- A-9 Respiratory Protection Maintenance
- A-10 Rad Pro/Emergency Preparedness
- A-11 Rad Pro/Emergency Preparedness
- A-12 Rad Pro/Emergency Preparedness
- A-13 Rad Pro/Emergency Preparedness

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EMERGENCY RESPONSE FACILITIES & EQUIPMENT MAINTENANCE

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- B-1 Rad Pro/EP
- B-2 Rad Pro/EP
- C Chemistry
- D Occupational Health
- E Environmental
- F Plant Operations (ECC)
Emergency Preparedness (EOF, RAA's, TSC, OSC, MGPC)
- G Rad Engineering/Environmental
- H Radiac I & C
- 5.3.2.1 The assigned individual shall use the appropriate appendix as identified in 5.3.2.
- 5.3.2.2 Items listed on the inventory sheet shall not be allowed to remain less than 70% of the required quantity without replacement immediately. There are no upper limits for inventory quantities, normal housekeeping should apply.
- 5.3.2.3 Deficiencies shall be noted and corrected. Damage to the facility or equipment should be noted. Items which are found to be in quantities described by 5.3.2.2 above shall not be considered deficient. Items which cannot be immediately corrected shall be identified with corrective action and date to be completed noted.
- 5.3.2.4 Consumables with established shelf life should be verified current through the next expected inventory.

5.4 Inventory Review

5.4.1 The inventory checklist will be reviewed by a responsible department supervisor or designee indicating any deficiencies found have been corrected. Unresolved deficiencies will be noted including suggestions for corrective actions, sign checklist and return to the Emergency Preparedness Surveillance Coordinator.

5.4.2 The Emergency Preparedness Surveillance Coordinator or designee shall review ERF Checklists in accordance with inventory expectations and this procedure and subsequently file all Emergency Equipment/Facility Checklists in Emergency Preparedness Section files for interim storage until filed in the DCC as LP Documents. Receipt of the checklists will be tracked using Appendix J. A random sample of inventories will be reviewed by the EP Manager for each drill or at least quarterly.

6.0 REFERENCES

- 6.1 2000-PLN-1300.01, OCGS Emergency Plan.
- 6.2 Emergency Preparedness Procedure, OEP-ADM-1319.01, Oyster Creek Emergency Preparedness Program.
- 6.3 AD-AA-1101 Change Management
- 6.4 AD-AA-1102 Change Management Overview and Supplemental Information
- 6.5 AD-AA-1103 Change Management Checklist

7.0 EXHIBITS

- 7.1 Appendix A Emergency Rad Pro Equipment
- 7.2 Appendix B Emergency Monitoring Equipment
- 7.3 Appendix C Emergency Chemistry Equipment
- 7.4 Appendix D Emergency First Aid and Rescue Equipment
- 7.5 Appendix E EACC Checklist
- 7.6 Appendix F Emergency Facilities Equipment
- 7.7 Appendix G Emergency Offsite Dose Projection Computers
- 7.8 Appendix H Hospital Rad Pro Equipment
- 7.9 Appendix I Inventories Tracking Form

Title	Revision No.
EMERGENCY RESPONSE FACILITIES & EQUIPMENT MAINTENANCE	9

APPENDIX A

Emergency Rad Con Equipment

<u>Appendix Section</u>	<u>Location</u>
A-1	Emergency Assembly Area (Warehouse)
A-2	Emergency Control Center
A-3	Remote Assembly Area (Berkeley)
A-4	Operations Support Center
A-5	Main Gate Processing Center
A-6	Technical Support Center
A-7	Emergency Operations Facility
A-8	Emergency Respiratory Equipment Issue Facility
A-9	Contaminated/Injured Worker Transport Kits Ambulance
A-10	RWP Office
A-11	RAA Transport Kit (OSC)
A-12	FRAA (Building 14)
A-13	Emergency Assembly Area (OCAB)

APPENDIX A-1
INVENTORY FORM - EMERGENCY EQUIPMENT

Kit Location Emergency Assembly Area Type: Emergency Locker Inventory Date: _____
(Warehouse)

Inventory Performed _____ Reviewed: _____ Date: _____
and Equipment Verified _____ By Dept. Supervisor
Locked or Sealed

Reason for Inventory: Quarterly Requirement Post Drill Other (explain in Remarks)

ITEM	NUMBER REQUIRED	COMMENTS
Button Source	1	
Dose Rate Meter w/batt. (0-1R/Hr.)	1	
Frisker w/probe & power cable	1	
Area Rad Monitor w/alarm	1*	
Air Sampler, Continuous Monitoring w/alarm	1*	
Air Sampler, Low Vol. RAS 1	1	
Particulate Air Sample Filter	50	
Silver Zeolite Cartridge GY130	5	
Duct Tape (2 inch roll)	1	
Poly Sheets (4 ft. x 8 ft.)	2	
Smear Disc	Approx. 100	
Sample Envelopes	Approx. 100	
Radiation Warning Rope	Approx. 200 ft.	

Emergency Preparedness Department Review _____ / _____
Initials Date

Remarks:

* THESE ITEMS STORED OUTSIDE OF LOCKER

2-1E

APPENDIX A-1 (continued)
INVENTORY FORM - EMERGENCY EQUIPMENT

Kit Location Emergency Assembly Area Type: Emergency Locker Inventory Date: _____
(Warehouse)

Inventory Performed _____ Reviewed: _____ Date: _____
and Equipment Verified By Dept. Supervisor
Locked or Sealed

Reason for Inventory: Quarterly Requirement Post Drill Other (explain in Remarks)

ITEM	NUMBER REQUIRED	COMMENTS
Poly Bag (medium)	10	
Radiological Warning Signs	5	
Personnel Clothing Contamination Survey Form	Approx. 200	
Personnel Contamination Survey Form	Approx. 200	
Facility Rad Con Survey Map	10	
Bull Horn	2	
Rad Materials Stickers	20	
Step-off Pad	2	

Emergency Preparedness Department Review _____ / _____
Initials Date

Remarks:

EL-3

APPENDIX A-2
INVENTORY FORM - EMERGENCY EQUIPMENT

Kit Location Emergency Control Center Type: Emergency Locker Inventory Date: _____

Inventory Performed _____ Reviewed: _____ Date: _____
and Equipment Verified _____
Locked or Sealed _____
By Dept. Supervisor

Reason for Inventory: Quarterly Requirement Post Drill Other (explain in Remarks)

ITEM	NUMBER REQUIRED	COMMENTS
Button Source	1	
Dose Rate Meter (0-50 R/Hr.)	2	
Alarming Dosimeter	5	
Frisker w/probe & power cable	1	
Air Sampler, Continuous monitoring w/alarm	1	
Air Sampler, Low Vol. RAS 1	1	
Air Sampler, Hi Vol. H809V	1	
Count Rate Survey Meter (0-50 KCPM)	1	
Dosimeter, 0-200 mRem	20	
Dosimeter, 0-10 Rem	10	
Dosimeter Charger	1	
Full Face Negative pressure respirator w/Filter	5	
SCBA Paks	4	
Duct Tape (2 inch roll)	1	
Particulate Air Sample Filter	Approx. 100	
Silver Zeolite Air Sample Cartridge (GY-130)	5	
Smear Disc	Approx. 100	

Emergency Preparedness Department Review _____ / _____
Initials Date

Remarks:

APPENDIX A-2 (continued)
INVENTORY FORM - EMERGENCY EQUIPMENT

Kit Location Emergency Control Center Type: Emergency Locker Inventory Date: _____
 Inventory Performed _____ Reviewed: _____ Date: _____
 and Equipment Verified _____
 Locked or Sealed By Dept. Supervisor
 Reason for Inventory: Quarterly Requirement Post Drill Other (explain in Remarks)

ITEM	NUMBER REQUIRED	COMMENTS
Sample Envelopes	Approx. 100	
PC's Paper (Sets)	50	
Radiation Warning Rope (ft.)	Approx. 100	
Emergency Message Forms	Approx. 500	
Poly Bag (Medium)	10	
Radiological Warning Signs	2	
Control Point Access Ticket	Approx. 200	
Personnel Clothing Contamination Survey Form	10	
Personnel Contamination Survey Form	10	
Facility Rad Con Survey Map	10	
Rad Material Stickers	10	
Step-off Pad	2	

Emergency Preparedness Department Review _____ / _____
 Initials Date

Remarks:

APPENDIX A-3
INVENTORY FORM - EMERGENCY EQUIPMENT

Kit Location Remote Assembly Area (RAA) Berkeley Type: Emergency Locker/Closet Inventory Date: _____

Inventory Performed _____ Reviewed: _____ Date: _____
and Equipment Verified _____ By Dept. Supervisor

Locked or Sealed

Reason for Inventory: Quarterly Requirement Post Drill Other (explain in Remarks)

ITEM	NUMBER REQUIRED	COMMENTS
Protective Clothing (Full Set)	20	
Smear Disc	Approx. 500	
Sample Envelopes	Approx. 500	
Radiological Warning Signs w/inserts	20	
Personnel Clothing Contamination Survey Form	Approx. 100	
Personnel Contamination Survey Form	Approx. 100	
Facility Rad Con Survey Map	50	
Bull Horn	2	
Step-off Pad	5	
Boots (Pairs)	12	
Catch Container	2	
Rad Material Stickers	Approx. 100	
Radiation Warning Rope (ft.)	Approx. 600	

Emergency Preparedness Department Review _____ / _____
Initials Date

Remarks:

E1-6

APPENDIX A-4
INVENTORY FORM - EMERGENCY EQUIPMENT

Kit Location Operation Support Center (OSC) Type: Emergency Locker Inventory Date: _____

Inventory Performed _____ Reviewed: _____ Date: _____
and Equipment Verified By Dept. Supervisor

Locked or Sealed
Reason for Inventory: Quarterly Requirement Post Drill Other (explain in Remarks)

ITEM	NUMBER REQUIRED	COMMENTS
Button Source	1	
Dose Rate Meter (0-1000 R/Hr.)	2	
Frisker w/probe & power cable	3	
Area Radiation Monitor w/alarm	1	
Air Sampler, Continuous Monitoring w/alarm	1	
Air Sampler, Hi Vol. H809V	2	
Air Sampler, Lo Vol. RAS-1	2	
Air Sampler, Lapels	5	
Lapel Air Sampler Cartridges	Approx. 50	
Lapel Air Sampler Charger	1	
Count Rate Survey Meter (0-50 KCPM)	1	
Dosimeter, 0-200 mRem	10	
Dosimeter, 0-10 Rem	10	
Dosimeter, 0-200 Rem	10	
Dosimeter Charge	1	
Full Face Negative Pressure Respirator w/Filter	10 Respirators	
SCBA's	8	
Face Pieces for SCBA's	5	
Duct Tape (2 inch roll)	5	

Emergency Preparedness Department Review _____ / _____
Initials Date

Remarks:

EL-7

APPENDIX A-4
INVENTORY FORM - EMERGENCY EQUIPMENT

Kit Location Operation Support Center (OSC) Type: Emergency Locker Inventory Date: _____

Inventory Performed _____ Reviewed: _____ Date: _____ and
Equipment Verified _____ By Dept. Supervisor

Locked or Sealed _____
Reason for Inventory: Quarterly Requirement Post Drill Other (explain in Remarks)

ITEM	NUMBER REQUIRED	COMMENTS
Poly Sheets (4 ft. x 8 ft.)	5	
Particulate Air Sampler Filter	Approx. 200	
Silver Zeolite Air Sample Cartridge (GY-130)	50	
Smear Disc	Approx. 500	
Sample Envelopes	Approx. 500	
Water Sample Bottle	10	
Poly Bag (Medium)	25	
Radiological Warning Signs	20	
Control Point Access Ticket	20	
Paper PC's for Reverse Contamination	50	
Plastic Booties for Reverse Contamination	50 pair	
Surgeon Gloves for Reverse Contamination	100 pair	

Emergency Preparedness Department Review _____ / _____
Initials Date

Remarks:

8-1-8

APPENDIX A-4 (continued)
INVENTORY FORM - EMERGENCY EQUIPMENT

Kit Location Operation Support Center (OSC) Type: Emergency Locker Inventory Date: _____

Inventory Performed _____ Reviewed: _____ Date: _____
and Equipment Verified _____ By Dept. Supervisor
Locked or Sealed

Reason for Inventory: Quarterly Requirement Post Drill Other (explain in Remarks)

ITEM	NUMBER REQUIRED	COMMENTS
Personnel Clothing Contamination Survey Form	Approx. 100	
Personnel Contamination Survey Form	Approx. 100	
Facility Rad Con Survey Map	Approx. 50	
Step-off Pad	10	
Boots (Pairs)	Approx. 50	
Rad Material Stickers	Approx. 100	
Radiation Warning Rope (ft.)	Approx. 500 Ft.	
Emergency Message Forms	Approx. 100	

Emergency Preparedness Department Review _____ / _____
Initials Date

Remarks:

6-1E

APPENDIX A-5
INVENTORY FORM - EMERGENCY EQUIPMENT

Kit Location Main Gate Processing Center Type: Emergency Locker Inventory Date: _____

Inventory Performed _____ Reviewed: _____ Date: _____
and Equipment Verified By Dept. Supervisor
Locked or Sealed

Reason for Inventory: Quarterly Requirement Post Drill Other (explain in Remarks)

NOTE
KEY FOR LOCKER IN MAIN GATE IS IN SECURITY OFFICE KEY BOX, KEY #21.

ITEM	NUMBER REQUIRED	COMMENTS
Button Source	1	
Frisker w/probe & power cable	1	
Area Radiation Monitor w/alarm	1	
Air Sampler, Continuous Monitoring w/alarm	1	
Electronic Self Read Dosimeter or Equivalent	20	
Full Face Negative Pressure Respirator w/Filter	5	
Duct Tape (2 inch roll)	1	
Poly Sheets (4 ft. x 8 ft.)	1	
Particulate Air Sample Filter	50	
Smear Disc	Approx. 100	
Sample Envelopes	Approx. 100	
Step-off Pad	2	
Radiation Warning Rope (ft.)	Approx. 500	

Emergency Preparedness Department Review _____ / _____
Initials Date

Remarks:

E1-10

APPENDIX A-5 (continued)
INVENTORY FORM - EMERGENCY EQUIPMENT

Kit Location Main Gate Processing Center Type: Emergency Locker Inventory Date: _____

Inventory Performed _____ Reviewed: _____ Date: _____
and Equipment Verified By Dept. Supervisor
Locked or Sealed

Reason for Inventory: Quarterly Requirement Post Drill Other (explain in Remarks)

NOTE
KEY FOR LOCKER IN MAIN GATE IS IN SECURITY OFFICE KEY BOX, KEY #21.

ITEM	NUMBER REQUIRED	COMMENTS
Poly Bag (Medium)	10	
Radiological Warning Signs	5	
Personnel Clothing Contamination Survey Form	10	
Personnel Contamination Survey Form	10	
Facility Rad Con Survey Map	10	
Rad Material Stickers	10	

Emergency Preparedness Department Review _____ / _____
Initials Date

Remarks:

E1-11

APPENDIX A-6
INVENTORY FORM - EMERGENCY EQUIPMENT

Kit Location Technical Support Center (TSC) Type: Emergency Locker Inventory Date: _____

Inventory Performed _____ Reviewed: _____ Date: _____
and Equipment Verified _____ By Dept. Supervisor
Locked or Sealed

Reason for Inventory: Quarterly Requirement Post Drill Other (explain in Remarks)

ITEM	NUMBER REQUIRED	COMMENTS
Button Source	1	
Dose Rate Meter (0-1R/Hr.)	1	
Frisker w/probe & power cable	2	
Area Radiation Monitor w/alarm	1	
Air Sampler, Continuous Monitoring w/alarm	1	
Air Sampler, Hi Vol. H809V	1	
Air Sampler, Lo Vol. RAS1	1	
Dosimeter, 0-200 mRem	40	
Full Face Negative Pressure Respirator w/Filter	5	
Count Rate Survey Meter	1	
PC's Paper (Sets)	Approx. 50	
Duct Tape (2 inch roll)	1	
Poly Sheets (4 ft. x 8 ft.)	2	
Particulate Air Sample Filter	Approx. 100	
Silver Zeolite Air Sample Cartridge (GY-130)	10	
Smear Disc	Approx. 100	

Emergency Preparedness Department Review _____ / _____
Initials Date

Remarks:

APPENDIX A-6 (continued)
INVENTORY FORM - EMERGENCY EQUIPMENT

Kit Location Technical Support Center (TSC) Type: Emergency Locker Inventory Date: _____

Inventory Performed _____ Reviewed: _____ Date: _____
and Equipment Verified _____ By Dept. Supervisor
Locked or Sealed

Reason for Inventory: Quarterly Requirement Post Drill Other (explain in Remarks)

ITEM	NUMBER REQUIRED	COMMENTS
Sample Envelopes	Approx. 100	
Water Sample Bottle	5	
Step-off Pad	5	
Radiation Warning Rope (ft.)	Approx. 200	
Poly Bay (Medium)	25	
Radiological Warning Signs	10	
Control Point Access Ticket	20	
Personnel Clothing Contamination Survey Form	10	
Personnel Contamination Survey Form	10	
Facility Rad Con Survey Map	10	
Rad Material Stickers	Approx. 100	
Emergency Message Forms	Approx. 100	
SRD Charger	1	

Emergency Preparedness Department Review _____ / _____
Initials Date

Remarks:

E1-13

APPENDIX A-7
INVENTORY FORM - EMERGENCY EQUIPMENT

Kit Location Emergency Operation Facility (EOF) Type: Emergency Locker Inventory Date: _____

Inventory Performed _____ Reviewed: _____ Date: _____
and Equipment Verified _____
Locked or Sealed _____
By Dept. Supervisor

Reason for Inventory: Quarterly Requirement Post Drill Other (explain in Remarks)

ITEM	NUMBER REQUIRED	COMMENTS
Button Source (See Remarks)	1	
Frisker w/probe & power cable	1	
Smear Disc	Approx. 100	
Sample Envelopes	Approx. 100	
Poly Bag (Medium)	10	
Personnel Clothing Contamination Survey Form	10	
Personnel Contamination Survey Form	10	
Rad Material Stickers	5	

E1-14

Emergency Preparedness Department Review _____ / _____
Initials Date

Remarks:

NOTE: BUTTON SOURCE IS LOCATED IN THE KEY LOCK BOX NEAR ENTRANCE TO EOF. (THE BOX IS UNLOCKED)

APPENDIX A-8
INVENTORY FORM - EMERGENCY EQUIPMENT

Emergency Respiratory/Dosimetry
 Equipment Location Bldg. 14 Type: N/A Inventory Date: _____
 Inventory Performed _____ Reviewed: _____ Date: _____
 and Equipment Verified _____ By Dept. Supervisor

Reason for Inventory: Quarterly Requirement Post Drill Other (explain in Remarks)

ITEM	NUMBER REQUIRED	COMMENTS
Emergency Dosimetry SRD's 0-200 MR	100	
Procedure EPIP-OC-.35 in Red Book	1	
Emergency TLDs	100	

Emergency Preparedness Department Review _____ / _____
 Initials Date

NOTE:

Remarks:

E1-15

APPENDIX A-9
INVENTORY FORM - EMERGENCY EQUIPMENT

Kit Location RP Auto Access Sign in Area Type: Medical Transport Kit Inventory Date: _____

Inventory Performed _____ Reviewed: _____ Date: _____
and Equipment Verified _____ By Dept. Supervisor

Locked or Sealed _____

Reason for Inventory: Quarterly Requirement Post Drill Other (explain in Remarks)

ITEM	NUMBER REQUIRED	COMMENTS
Count Rate Survey Meter	1	
Pancake Probes	2	
Button Source	1	
Disposable Blanket	1	
Paper (PC) 1 Set	1	
Smear Pads	20	
Gloves (Pairs)	2	
Tape (rolls)	2	
Survey Forms Radiological, Skin, Clothing	5 Each	
Rad Ribbon	Approx. 100 Ft.	
Rad Material Stickers	10	
Procedure 6630-ADM-4330.02	1	

Emergency Preparedness Department Review. _____ / _____
Initials Date

Remarks:

E1-16

APPENDIX A-10
INVENTORY FORM - EMERGENCY EQUIPMENT

Kit Location RWP Office Type: Medical Transport Kit Inventory Date: _____

Inventory Performed _____ Reviewed: _____ Date: _____
and Equipment Verified _____
By Dept. Supervisor

Locked or Sealed

Reason for Inventory: Quarterly Requirement Post Drill Other (explain in Remarks)

ITEM	NUMBER REQUIRED	COMMENTS
Count Rate Survey Meter	1	
Pancake Probes	2	
Button Source	1	
Disposable Blanket	1	
Paper (PC) (Set)	1	
Trash Bags	5	
Smear Pads	20	
Gloves (Pairs)	2	
Tape (rolls)	2	
Survey Forms Radiological, Skin, Clothing	5	
Rad Ribbon	Approx. 100 Ft.	
Rad Material Stickers	10	
Procedure 6630-ADM-4330.02	1	

Emergency Preparedness Department Review _____ / _____
Initials / Date

Remarks:

E1-17

APPENDIX A-11
INVENTORY FORM - EMERGENCY EQUIPMENT

Kit Location OSC Type: RAA Transport Kit Inventory Date: _____

Inventory Performed _____ Reviewed: _____ Date: _____
and Equipment Verified _____ By Dept. Supervisor

Locked or Sealed

Reason for Inventory: Quarterly Requirement Post Drill Other (explain in Remarks)

ITEM	NUMBER REQUIRED	COMMENTS
Dose Rate Meter (0-1R/Hr.)	2	
Frisker w/probe & power cable	2	
Button Source	1	
Dosimeter, 0-200 mRem	10	
Paper (PC) (Set)	5	
Rad Ribbon	Approx. 100 Ft.	
Smear Pads	20	
Gloves (Pairs)	10	
Tape (rolls)	2	
Survey Forms Radiological, Skin, Clothing	5 Each	
Radiological Material Stickers	10	

Emergency Preparedness Department Review _____ / _____
Initials Date

Remarks:

Note: **FRISKERS FOR TRANSPORT KITS ARE IN THE OSC LOCKERS**

EL-18

APPENDIX A-12
INVENTORY FORM - EMERGENCY EQUIPMENT

Kit Location FRAA (Bldg. 14) Type: Emergency Locker Inventory Date: _____

Inventory Performed _____ Reviewed: _____ Date: _____
and Equipment Verified _____
Locked or Sealed By Dept. Supervisor

Reason for Inventory: Quarterly Requirement Post Drill Other (explain in Remarks)

ITEM	NUMBER REQUIRED	COMMENTS
Button Source	1	
Dose Rate Meter (0-1R/Hr.)	2	
Frisker w/probe & power cable	3	
Area Radiation Monitor w/alarm	1	
Air Sampler, Continuous Monitoring w/alarm	1	
Dosimeter, 0-200 mRem	10	
Protective Clothing (Full Set)	20	
Duct Tape (2 inch roll)	12	
Poly Sheets (4 ft. x 8 ft.)	5	
Particulate Air Sample Filter	Approx. 100	
Smear Disc	Approx. 500	
Sample Envelope	Approx. 500	
Water Sample Bottle	10	

Emergency Preparedness Department Review _____ / _____
Initials Date

Remarks:

61-19

APPENDIX A-12 (continued)
INVENTORY FORM - EMERGENCY EQUIPMENT

Kit Location FRAA (Bldg. 14) Type: Emergency Locker Inventory Date: _____

Inventory Performed _____ Reviewed: _____ Date: _____
and Equipment Verified By Dept. Supervisor

Locked or Sealed

Reason for Inventory: Quarterly Requirement Post Drill Other (explain in Remarks)

ITEM	NUMBER REQUIRED	COMMENTS
Poly Bag (Medium)	25	
Radiological Warning Signs	20	
Control Point Access Ticket	15	
Personnel Clothing Contamination Survey Form	Approx. 100	
Personnel Contamination Survey Form	Approx. 100	
Facility Rad Con Survey Map	Approx. 10	
Bull Horn	2	Verify Operational
Towels (paper)	Approx. 100	
Herculite (ft.)	Approx. 100	
Bottles, Liquid Waste (15 Gal.)	5	
Step-off Pad	5	
Boots (Pairs)	Approx. 50 Pr.	
Sponges	Approx. 100	
Soap (Bars)	2	
Rad Material Stickers	Approx. 100	
Radiation Warning Rope (ft.)	Approx. 600	
Emergency Message Forms	50	

Emergency Preparedness Department Review _____ / _____
Initials Date

Remarks:

NOTE: G.E.T. SUPPLIES ARE AN AVAILABLE RESOURCE

E1-20

APPENDIX A-13
INVENTORY FORM - EMERGENCY EQUIPMENT

Kit Location Emergency Assembly Area (OCAB) Type: Emergency Locker Inventory Date: _____

Inventory Performed _____ Reviewed: _____ Date: _____
and Equipment Verified _____ By Dept. Supervisor
Locked or Sealed

Reason for Inventory: Quarterly Requirement Post Drill Other (explain in Remarks)

ITEM	NUMBER REQUIRED	COMMENTS
Button Source	1	
Dose Rate Meter w/batt. (0-1R/Hr.)	1	
Frisker w/probe & power cable	1	
Area Rad Monitor w/alarm (AM-2)	1	
Air Sampler, Low Vol. RAS 1	1	
Particulate Air Sample Filter	50	
Silver Zeolite Cartridge GY130	10	
Duct Tape (2 inch roll)	1	
Smear Disc	Approx. 100	
Sample Envelopes	Approx. 100	
Radiation Warning Rope or Ribbon	Approx. 200 ft	
Radiological Warning Signs	5	
Rad Materials Stickers	20	
Step-off Pads	2	
Poly Bags (Medium)	10	
Facility Rad Con Survey Maps	10	
Personnel Clothing Contamination Survey Form	Approx. 50	
Personnel Contamination Survey Form	Approx. 50	

Emergency Preparedness Department Review _____ / _____
Initials Date

Remarks:

EL-21

APPENDIX B-1

Monitoring Kit Inventory Checklist For Three FMT's

OCAB

ITEM:	Number	Number	Number
Monitoring Kit Instrument Locker	1	2	3
Button Source	1	1	1
Dose Rate Meter and Probe w/cables	1	1	1
Count Rate Meter (0-50 KCPM) and Probe w/cables	3	3	3
Frisker w/pancake type probe	1	1	1
Air Sampler Hi Vol H809V	1	1	1
Air Sampler Hi Vol H809C DC only	1	1	1
Map of Offsite Monitoring Points	1	1	1
Procedure EPIP-OC-.11	1	1	1
EPIP-OC-.11 Exhibit 1 Field Monitoring Team Checklist	5	5	5
EPIP-OC-.11 Exhibit 2 FMT Activation Checklist	5	5	5
EPIP-OC-.11 Exhibit 2B Dose Rate & Count Rate Instr Op Ck	5	5	5
EPIP-OC-.11 Exhibit 2C AC Air Sampler Op Check	2	2	2
EPIP-OC-.11 Exhibit 2D DC Air Sampler Op Check	2	2	2
EPIP-OC-.11 Exhibit 3 FMT Termination Checklist	2	2	2
EPIP-OC-.11 Exhibit 11 Offsite Monitoring Points	1	1	1
EPIP-OC-.11 Exhibit 14 Sample Record	5	5	5
EPIP-OC-.11 Exhibit 15 Countrate Survey Record	5	5	5
EPIP-OC-.11 Exhibit 16 Environmental Sample	2	2	2
Dosimeter 0-200 mRem	4	4	4
Dosimeter 0-1500 mRem	4	4	4
Badge, TLD Holder w/TLD Chips	2	2	2
Cellular Phones	1	1	1
<u>MONITORING KIT (VEHICLE):</u>			
Masking Tape (2 Inch Roll)	2	2	2
Paper PC's	4	4	4
Shoe Covers (pairs)	12	12	12
Paper Hoods	4	4	4
Dosimetry Charger	1	1	1
Poly Sheets (4 ft. x 8 ft.)	2	2	2
Silver Zeolite Cartridge (GY-130)	10	10	10
Two Way Radio (Portable or Truck Mounted)	1	1	1
Smear Disc (package of 100 each)	3	3	3
Sample Envelopes	Approx 100	Approx 100	Approx 100
Water Sample Bottle	10	10	10
Soil Sample Container	10	10	10

APPENDIX B-1 (continued)

Monitoring Kit Inventory Checklist

OCAB

ITEM:	Number	Number	Number
Monitoring Kit	1	2	3
Flashlight	2	2	2
Surgeons Gloves (Box of Each)	1	1	1
Silver Zeolite Cartridge Sample Labels	15	15	15
Radiation Warning Rope (ft.)	Approx. 100	Approx. 100	Approx. 100
Writing Tablet	2	2	2
Marking Pen	2	2	2
Clipboard	2	2	2
Wax Pencil	2	2	2
Waterproof Marker	2	2	2
Poly Bag (Medium)	25	25	25
Biotic Media Sample Labels	15	15	15
Radiological Warning Signs	5	5	5
Dimes for Telephones	10	10	10
Trowel	1	1	1
Tweezers	1	1	1
Clippers	1	1	1
Control Point Access Ticket	10	10	10
Key (JD-1, LB-2, LA-1, FRH-6)	1 Ea.	1 Ea.	1 Ea.
First Aid Kit	1	1	1
Life Preservers	2	2	2

Inventory Performed _____ Date _____
and Equipment Verified _____
Locked or Sealed _____

Reviewed By: _____ Date: _____
Dept. Supervisor _____

Reason for Inventory: Quarterly Requirement Post Drill Other
Explain in Remarks _____

Emerg. Prep. Department Review _____ Date: _____
Initials _____

Remarks:

APPENDIX B-2
INVENTORY FORM - EMERGENCY EQUIPMENT

Kit Location RP SAFETY LAB

Type: Monitoring Kit

Inventory Date: _____

Inventory Performed _____

Reviewed: _____

Date: _____ and

Equipment Verified _____

By Dept. Supervisor _____

Locked or Sealed _____

Reason for Inventory: Quarterly Requirement Post Drill Other (explain in Remarks)

ITEM	NUMBER REQUIRED	COMMENTS
Button Source	1	
Dose Rate and Probe w/cables, see Note	1	
Count Rate Meter (0-50K CPM and Probe w/cable), see Note	2	
Air Sampler, Hi Vol. H809C DC, see Note	1	
Air Sampler, Lo Vol.	2	
Map of Off Site Monitoring Points	1	
Procedure EPIP-OC-.10	1	
EPIP-OC-.10 Survey Form	15	
EPIP-OC-.10 Sample Record	15	
Procedure EPIP-OC-.11	1	
EPIP-OC-.11 Off Site Rad/Env Survey Team Log	15	
EPIP-OC-.11 Sample Record	15	
EPIP-OC-.11 Count Rate Survey Record	15	
Vehicle Key Set	1	

Emergency Preparedness Department Review _____ / _____
Initials Date

Note: Phone stored in RP Supervisor key box "On Charge"

Remarks:

APPENDIX B-2 (continued)
INVENTORY FORM - EMERGENCY EQUIPMENT

Kit Location RP Safety Lab Type: Monitoring Kit Inventory Date: _____

Inventory Performed _____ Reviewed: _____ Date: _____
and Equipment Verified _____ By Dept. Supervisor
Locked or Sealed

Reason for Inventory: Quarterly Requirement Post Drill Other (explain in Remarks)

ITEM	NUMBER REQUIRED	COMMENTS
Dosimeter 0-1500 mRem	2	
Badge, TLD Holder w/TLD Chips	2	
Dosimetry Charger	1	
Duct Tape (2 inch roll)	2	
Tweezers	1	
Clippers	1	
Control Point Access Ticket	10	
Key (JD-1)	1	
Key (Met Tower)	1	
First Aid Kit	1	
Poly Sheets (4 ft. x 8 ft.)	2	
Silver Zeolite Cartridges GY-130	10	
Two Way Radio (Portable or Truck member)	1	
Smear Disc (Package 100)	2	

Emergency Preparedness Department Review _____ / _____
Initials Date

Remarks:

E2-4

APPENDIX B-2 (continued)
INVENTORY FORM - EMERGENCY EQUIPMENT

Kit Location RP Safety Lab Type: Monitoring Kit Inventory Date: _____

Inventory Performed _____ Reviewed: _____ Date: _____
and Equipment Verified _____
By Dept. Supervisor

Locked or Sealed

Reason for Inventory: Quarterly Requirement Post Drill Other (explain in Remarks)

ITEM	NUMBER REQUIRED	COMMENTS
Sample Envelopes	Approx. 200	
Water Sample Bottle	10	
Soil Sample Container	10	
Particulate Filters	50	
Flashlight	2	
Surgeons Gloves (Box)	1	
Rad Warning Rope (ft.)	Approx. 100	
Writing Tablet	2	
Marking Pen	2	
Clipboards	2	
Wax Pencil	2	
Waterproof Marker	2	
Poly Bag (Medium)	25	
Biotic Media Sample Labels	15	
Radiological Warning Signs	5	
Trowel	1	
FFNP w/GMI-H Respirators/w Filter	4	

Emergency Preparedness Department Review _____ / _____
Initials Date

Remarks:

Title

EMERGENCY RESPONSE FACILITIES & EQUIPMENT MAINTENANCE

Revision No.

9

APPENDIX CEmergency Chemistry Equipment

	<u>Location</u>	<u>Kit</u>
C-1	OSC (Hallway)	No. 5 and 6
C-2	PASS Room	Counter, Drawers, Cabinet, and Hood

APPENDIX C-1
INVENTORY FORM - EMERGENCY EQUIPMENT

Kit Location OSC (Hallway) Kit Number 5 and 6 Type: Emergency Chemistry Equipment Inventory Date: _____

Inventory Performed _____ Reviewed: _____ Date: _____
and Equipment Verified _____ By Dept. Supervisor

Locked or Sealed

Reason for Inventory: Quarterly Requirement Post Drill Other (explain in Remarks)

ITEM	NUMBER REQUIRED	COMMENTS
Remote Handling Tools	5	
Particulate Filter Cask	1	
Iodine Cartridge Cask	1	
Noble Gas Sample Cask w/insert	1	
Particulate/Iodine Sample Holder (Loaded-Sealed in Plastic Bag)	1	
Particulate Filters (47mm dia.)	20	
Remote Valve Handling Tool	1	
Iodine Sample Cartridges	5	
Remote Handling Tool Heads	3	
Septum Bottles (15cc)	10	
Gas Marinelli Flask w/valves (1000cc)	1	

Emergency Preparedness Department Review _____ / _____
Initials Date

Remarks:

ES-2

APPENDIX C-1 (continued)
INVENTORY FORM - EMERGENCY EQUIPMENT

Kit Location OSC (Hallway) Kit Number 5 and 6 Type: Emergency Chemistry Equipment Inventory Date: _____

Inventory Performed _____ Reviewed: _____ Date: _____
and Equipment Verified _____
By Dept. Supervisor

Locked or Sealed

Reason for Inventory: Quarterly Requirement Post Drill Other (explain in Remarks)

ITEM	NUMBER REQUIRED	COMMENTS
Electric Air Sampling Pump	1	
Vacuum Pump, Hand Operated	1	
Vacuum Tubing w/fittings 1/10 ft. long - 2/2 ft. long	3	
Plastic Bottles (1 liter)	6	
Electric Vacuum Pump	1	
Gas Sample Centering Inserts	3	
Extension Cords	2	
Particulate/Iodine Sample Holder	1	
Hot Filter Transport Rod (2 pieces)	1	
Ragems Particulate Filters	10	
Ragems Cartridge Holders	2	

Emergency Preparedness Department Review _____ / _____

Initials Date

Remarks:

E3-3

APPENDIX C-2
INVENTORY FORM - EMERGENCY EQUIPMENT

Kit Location Pass Room Counter, Drawers, Cabinets and Hood Type: Emergency Chemistry Equipment Inventory Date: _____

Inventory Performed _____ Reviewed: _____ Date: _____
By Dept. Supervisor

Reason for Inventory: Quarterly Requirement Post Drill Other (explain in Remarks)

ITEM	NUMBER REQUIRED	COMMENTS
Remote Handling Tools	5	
Particulate Filter Cask	1	
Iodine Cartridge Cask	1	
Noble Gas Sample Cask w/insert	1	
Particulate Filters (47mm dia.)	20	
Gas Vial Septums	25	
Liquid Vial Septums	25	
Small Vol. Sample Vials (prepared)	10	
Large Vol. Sample Vials (prepared)	10	
10" Gas Needles	6	
Liquid Syringes 10cc	4	
Sample Holder	1	

Emergency Preparedness Department Review _____ / _____
Initials Date

Remarks:

APPENDIX C-2 (continued)
INVENTORY FORM - EMERGENCY EQUIPMENT

Kit Location Pass Room Counter, Drawers, Cabinets and Hood Type: Emergency Chemistry Equipment Inventory Date: _____

Inventory Performed _____ Reviewed: _____ Date: _____
and Equipment Verified _____ By Dept. Supervisor

Locked or Sealed

Reason for Inventory: Quarterly Requirement Post Drill Other (explain in Remarks)

ITEM	NUMBER REQUIRED	COMMENTS
Remote Handling Tool (36 inch)	1	
Capping Tool	1	
Iodine Sample Cartridges	8	
Septum Bottles (15cc)	10	
Gas Sample Centering Inserts	2	
Liquid Sample Centering Inserts	2	
Decapping Tool	1	
Mirror	1	
Needle Changing Tool	1	
Liquid Sample Cask	1	
Small Cask for Shipping	1	
Large Cask for Shipping	1	
Gas Dilution Shield Assemblies	3	
Liquid Dilution Shield Assemblies	3	

Emergency Preparedness Department Review _____ / _____
Initials Date

Remarks:

13-5

Title EMERGENCY RESPONSE FACILITIES & EQUIPMENT MAINTENANCE	Revision No. 9
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APPENDIX D

Emergency First Aid and Rescue Equipment

<u>Location</u>	<u>Kit/Locker/Stretchers</u>
MOB-3, Fire Brigade Turnout Gear Room	Trauma Kit (W/02 resuscitator)
New Radwaste Bldg. Control Room	Stretcher
Reactor Building Elevation:	
23 ft. adjacent to Stairwell Entrance	Stretcher
23 ft. adjacent to Elevator	Stretcher/Extrication Locker (RB-EL23) w/Trauma Kit
51 ft. adjacent to Elevator	Stretcher
75 ft. adjacent to Elevator	Stretcher
119 ft. adjacent to Elevator	Stretcher
119 ft. Stairwell Landing	Extrication Locker (RB-EL119) w/Trauma Kit
Turbine Building Elevation:	
46 ft. adjacent to P.C. Change Area	Stretcher/Extrication Locker (TB-EL46) w/Trauma Kit
23 ft. adjacent to Elevator	Stretcher
0 ft. North, adjacent to Condenser Bay Entrance	Stretcher
0 ft. South, adjacent to Condenser Bay Entrance	Stretcher
Main Office Bldg., Third Floor adjacent to Rad Con Monitor and Control Point	Stretcher
Main Gate Processing Center, South Wall	Stretcher/Trauma Kit
Access Center, Building 14, Forked River	Trauma Kit
Ambulance, Designated Parking Area	Trauma Kit

Title
EMERGENCY RESPONSE FACILITIES & EQUIPMENT MAINTENANCE

Revision No.
9

APPENDIX D (continued)

Emergency First Aid and Rescue Equipment Inventory Checklist

Extrication Locker Equipment

LOCKER NUMBERS: TB-EL46, RB-EL23, RB-EL119	NUMBER REQUIRED EACH LOCKER			COMMENTS
	RECOMMENDED			
EQUIPMENT LIST	TBOF	RX-119'	RX-23'	
1/2" Rope ~200'	1	1	1	
1/2" Rope ~150'	2	2	2	
7/16" Rope ~48'	3	3	3	
Full Body Red Harnesses	2	2	2	
Large Carabineers	7	7	7	
X Large Carabineers	2	2	2	
Pulleys	3	3	3	
Gibbs Ascender	2	2	2	
Break bar	1	1	1	
Webbing	1	1	1	
Anchor Straps	4	4	4	
Australian Gold 4-1 Haul sys w/pulleys	1	1	0	
Figure 8 with ears	1	1	1	
Locker with Lock	1	1	1	
Pillow	1	1	1	
Blanket	1	1	1	
Leather Gloves	10	10	10	
Trauma Kit	1	1	1	

NOTE: Locker seal to be inspected quarterly to confirm intact. Complete inventory performed annually.

Title
EMERGENCY RESPONSE FACILITIES & EQUIPMENT MAINTENANCE

Revision No.
9

APPENDIX D (continued)

Emergency First Aid and Rescue Equipment Inventory Checklist

STRETCHER STATIONS

STRETCHER LOCATIONS	NUMBER REQUIRED	COMMENTS
New Radwaste, 46 ft. el.	1 Ea.	
REACTOR BUILDING ELEVATION:		
23 ft. (Elevator)	1 Ea.	
23 ft. (Drywell Entrance)	1 Ea.	
51 ft. (Elevator)	1 Ea.	
75 ft. (Elevator)	1 Ea.	
119 ft. (Elevator)	1 Ea.	
TURBINE BUILDING ELEVATION:		
46 ft. (Elevator)	1 Ea.	
23 ft. (Elevator)	1 Ea.	
0 ft. North	1 Ea.	
0 ft. South	1 Ea.	
Main Office Bldg. Third Floor	1 Ea.	
Main Gate Processing Center	1 Ea.	

Title

EMERGENCY RESPONSE FACILITIES & EQUIPMENT MAINTENANCE

Revision No.

9

APPENDIX D (Continued)TRAUMA KIT LOCATIONSTB-EL46, RB-EL23, RB-EL119, FIRE BRIGADE TURNOUT GEAR ROOM, MAIN GATE, BLDG. 12 OR 14

FACILITY LOCKER TRAUMA KIT CONTENTS:	NUMBER REQUIRED	COMMENTS
Container, Trauma Kit	1 Each	
Gloves (Pair)	5 Each	
Face Shields	2 Each	
Pocket Mask/(CPR Shield)	1 Each	
Arm Splints	2 Each	
Ice Packs	2 Each	
Stethoscope	1 Each	
Triangular Bandage	10 Each	
Ace Bandage, 3 inch	3 Each	
Gauze Bandage	3 Each	
Dressings Assorted	5 Each	
Combine Dressing	3 Each	
Eye Pads	2 Each	
Tape, 1 Inch Roll	1 Each	
Scissors	1 Each	

No Deficiencies

Deficiencies were found,
description/remarks/corrective action below

Reason for inventory (Check as applicable)

Quarterly

Post Drill

Inventoried by: _____

(Signature)

(Date)

Department Supervisor Review: _____

(Signature)

(Date)

Emergency Preparedness Dept. Review _____

(Initials)

(Date)



OYSTER CREEK
EMERGENCY PREPAREDNESS
IMPLEMENTING PROCEDURE

Number
OEP-ADM-1319.02

Title
EMERGENCY RESPONSE FACILITIES & EQUIPMENT MAINTENANCE

Revision No.
9

APPENDIX E

ENVIRONMENTAL ASSESSMENT COMMAND CENTER MASTER CHECKLIST

The following Emergency Planning equipment has been checked:

ITEM

CIRCLE ONE (YES OR NO)

Field Monitoring Team (FMT) radio present and operational? COMMENTS:	YES / NO
Telephone Lines including Environmental Direct Line Assessment Operational? COMMENTS:	YES / NO
EOF Dose Summary visual aid projector operational? COMMENTS:	YES / NO
Reuter-Stokes modem and printer operational? COMMENTS:	YES / NO
Emergency Planning Zone (EPZ) board clean? COMMENTS:	YES / NO

Post-Drill Inventory Items

Ensure EPIP-OC-.31 and Emergency Dose Calculation Manual (6632-ADM-4010.03) are available? COMMENTS:	YES / NO
Ensure copies of EPIP-OC-.31 Exhibit 1, 2, 3, and 4 are available? COMMENTS:	YES / NO
Offsite Dose Assessment computer checklist complete? COMMENTS:	YES / NO

DATE OF TEST: _____
SIGNATURE OF TESTER: _____
EMERGENCY PREPAREDNESS DEPARTMENT REVIEW: _____
Initials

Title

EMERGENCY RESPONSE FACILITIES & EQUIPMENT MAINTENANCE

Revision No.

9

APPENDIX FEmergency Facilities Equipment Inventory ChecklistFacilityLocationSection 1 - Site Direct Support Facilities:

Emergency Control Center (ECC)

Control Room

Emergency Operations Facility (EOF)

Pineland Division Office
Lakewood, New Jersey

Technical Support Center (TSC)

Site Emergency Building

Operations Support Center (OSC)

Drywell Processing Center

Main Gate Processing Center (MGPC)

Main Gate

Title
EMERGENCY RESPONSE FACILITIES & EQUIPMENT MAINTENANCE

Revision No.
9

APPENDIX F
Section 1

Emergency Facilities Equipment Inventory Checklist

ITEM:	ECC	EOF	TSC	OSC	MGPC	JIC
Emergency Preparedness Portable Radios w/charger Units	5	0	2	5	2	0
Emergency Preparedness Remote Base Radio Units	1	1	2	2	0	0
State EMRAD Units	0	1	0	0	1	0
Facility Key Locker (Key Inventory Inside Locker)	1	1	1	1	0	0
20' Battery Booster Cable	0	1	0	0	0	0
Weather Radio	0	0	0	0	1	0
19" Televisions	0	0	0	0	0	2
Flip Chart Pad	0	2	2	2	0	1
Transparencies (Approx.)	0	50	50	50	0	0
Emergency Operating Procs.	0	1	1	0	0	0
DOCUMENTS:						
Emergency Staff Log Books	2	2	4	2	0	1
Station Procedure Set	1	1	1	0	0	0
Emergency Plan Implementation Procedure Set	1	1	1	1	1	1
Backgrounder Book	0	0	0	0	0	1
Technical Specifications	1	1	1	0	0	1
Updated Final Safety Analysis Report	0	1	1	0	0	0
Emergency Plan (2000-PLN-1300.01)	1	1	1	1	0	1
Selected Plant Prints File (ECC Complete Set)	1	1	1	1	0	0
Position Specific Red Books	2	10	10	3	0	3

No Deficiencies Deficiencies were found, description/remarks/corrective action below

Reason for inventory (Check as applicable)

Quarterly Post Drill

Inventoried by: _____ (Signature) _____ (Date)

Department Supervisor Review: _____ (Signature) _____ (Date)

Emergency Preparedness Dept. Review _____ (Initials) _____ (Date)

AmerGen

An Exelon/British Energy Company

**OYSTER CREEK
EMERGENCY PREPAREDNESS
IMPLEMENTING PROCEDURE**

Number

OEP-ADM-1319.02

Title

EMERGENCY RESPONSE FACILITIES & EQUIPMENT MAINTENANCE

Revision No.

9

APPENDIX GEmergency Offsite Dose Projection Computers

<u>Facility</u>	<u>Location</u>
Emergency Control Center (ECC) OCNGS	Control Room
Technical Support Center (TSC) and TSC Backup	OCNGS Site Emergency Building
Emergency Operations Facility (EOF) (EACC)	Pineland Division Office Lakewood, New Jersey

Title
EMERGENCY RESPONSE FACILITIES & EQUIPMENT MAINTENANCE

Revision No.
9

APPENDIX G
(continued)

Emergency Offsite Dose Projection Computer Operability Test Instructions

Purpose:

The purpose of the following instructions is to assess the operability of the offsite dose projection computer to function as required to perform its emergency plan function. The offsite dose projection computing system should be tested four times a year by the person who is trained and assigned to use that system in its Emergency Plan capacity.

RESPONSIBILITIES:

It is the responsibility of the person performing the system test to:

- (1) Perform the test of the system per attached instructions and to create a record of that test which is to be forwarded to the Emergency Preparedness Manager for review.
- (2) Have the offsite dose projection system brought up to functional status if it fails any of the tests on three consecutive attempts.
- (3) Repeat the tests on those items that failed their initial quarterly test after repair has been effected.

INSTRUCTIONS TO TEST OYSTER CREEK
OFFSITE DOSE PROJECTION COMPUTER SYSTEM

- (1) Have checklist available for use for offsite dose projection functionability test.
- (2) Check clock display on modem. If time is incorrect, follow attached instructions for setting of time.
- (3) Turn on IBM-PC, printer and screen and allow to warm up.
- (4) Initialize RAC program by entering "RAC" if not done automatically.
- (5) Update computer time and date if required.
- (6) Press "F3 Met Data" key
- (7) Wait for MET Data.
- (8) After final copy is automatically produced power down the computer, screen and printer.

Title
EMERGENCY RESPONSE FACILITIES & EQUIPMENT MAINTENANCE

Revision No.
9

APPENDIX G
(continued)

Section 1

CHECKLIST FOR OFFSITE DOSE PROJECTION COMPUTER

ECC TSC EACC

Check if satisfactory, explain below if not:

- _____ IBM-PC present and has power available.
- _____ Modem present and operational.
- _____ Offsite dose projection program discs present.
- _____ Offsite dose projection program loads.
- _____ Printer present and has power.
- _____ Modem goes offhook and dial tone is heard.
- _____ Modem dials PCS number and PCS phone rings.
- _____ PCS answers and sends tone to modem.
- _____ Data from PCS Data is transmitted to IBM-PC.
- _____ Printer makes satisfactory copy.
- _____ Spare ream of paper available for printer.
- _____ Successful connection via LAN to national weather service Forecast Data (**EACC Only**).

Explanation of Deficiencies:

Date of test _____

Signature of tester _____

Emergency Preparedness Dept. Review _____ (Initials) _____ Date

AmerGenSM

An Exelon/British Energy Company

**OYSTER CREEK
EMERGENCY PREPAREDNESS
IMPLEMENTING PROCEDURE**

Number

OEP-ADM-1319.02

Title

EMERGENCY RESPONSE FACILITIES & EQUIPMENT MAINTENANCE

Revision No.

9

APPENDIX HHospital ChecklistHospitalLocation

Southern Ocean County Hospital

1140 W. Bay Avenue
Manahawkin, N.J. 08050

Community Medical Center

99 Highway 37 West
Toms River, N.J. 08753

Title

EMERGENCY RESPONSE FACILITIES & EQUIPMENT MAINTENANCE

Revision No.

9

APPENDIX H
(Continued)HOSPITAL CHECKLISTFORSOUTHERN OCEAN COUNTY AND COMMUNITY MEDICAL CENTER

ITEM	QUANTITY EACH HOSPITAL	COMMENTS
SRD'S 0-200 Mr/Hr.	10	
SRD Reader	1	
Portable Dose Rate Meter 0-200Mr/Hr	1	
Minivol Air Sampler	1	
Count Rate Meter	1	
Air Sampler Particulate Filters	1 box	
Button Source	1	

No Deficiencies

Deficiencies were found,
description/remarks/corrective action below

Reason for inventory (Check as applicable)

Quarterly

Post Drill

Inventoried by: _____
(Signature)_____
(Date)Department Supervisor Review: _____
(Signature)_____
(Date)Emergency Preparedness Dept. Review _____
(Initials)_____
(Date)

INVENTORY TRACKING FORM
Appendix I

APP	LOCATION	DATE PERFORMED			
		1ST QUARTER	2ND QUARTER	3RD QUARTER	4TH QUARTER
A-1	Emergency Assembly Area (Warehouse)				
A-2	Emergency Control Center				
A-3	Remote Assembly Area (Berkeley)				
A-4	Operations Support Center				
A-5	Main Gate Processing Center				
A-6	Technical Support Center				
A-7	Emergency Operations Facility				
A-8	Emergency Respiratory Equipment Issue Facility				
A-9	Contaminated/Injured Worker Transport Kits Ambulance				
A-10	RWP Office				
A-11	RAA Transport Kit				
A-12	FRAA (Building 14)				
A-13	Emergency Assembly Area (OCAB Cafeteria)				
B-1	Field Monitoring Vans				
B-2	On Site Emergency Van				
C-1	Monitoring Kit 5 & 6				
C-2	Pass Room				
D	First Aid/Rescue Equipment				
E	Environmental Assessment Command Center				
F-1	Emergency Control Center				
F-1	Emergency Operations Facility				
F-1	Tech Support Center				
F-1	Operations Support Center				
F-1	Main Gate Processing Center				
G-1	Emergency Control Center				
G-1	Tech Support Center				
G-1	Environmental Assessment Command Center				
H	Southern Ocean County Hospital				
H	Community Medical Center				

EG-1

Emergency Preparedness Quarterly Review

1ST QUARTER	2ND QUARTER	3RD QUARTER	4TH QUARTER

INITIAL AND DATE BLOCK.

**OYSTER CREEK
EMERGENCY PREPAREDNESS
IMPLEMENTING PROCEDURE**

Number
EPIP-OC-.02

Title DIRECTION OF EMERGENCY RESPONSE/ EMERGENCY CONTROL CENTER (ECC)		Revision No. 28
Applicability/Scope Applies to work at Oyster Creek Division & Support Divisions	Usage Level 1	Responsible Department Emergency Prep
This document is within QA plan scope 50.59 Reviews Required		Effective Date (06/25/01) 07/05/01

Prior Revision 27 incorporated the following Temporary Changes:

N/A

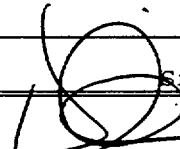
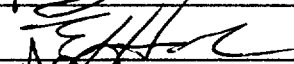

This Revision 28 incorporates the following Temporary Changes:

N/A

List of Pages (All pages rev'd to Rev. 28)

- 1.0 to 7.0
- E1-1 to E1-17
- E2-1 to E2-3
- E3-1
- E4-1 to E4-3
- E5-1
- E6-1 to E6-3
- E7-1 to E7-2
- E8-1 to E8-3
- E9-1 to E9-2
- E10-1
- E11-1
- E12-1
- E13-1
- E14-1
- E15-1
- E16-1

**NON-CONTROLLED
This Document Will Not
Be Kept Up To Date
DCC Oyster Creek**

	Signature	Concurring Organization Element	Date
Originator		Emergency Planner	6/18/01
Concurred By		Plant Manager	6/22/01
Approved By	 FOR J. Gristwood	Emergency Preparedness Mgr, O.C.	6/25/01

Title

**DIRECTION OF EMERGENCY RESPONSE/
EMERGENCY CONTROL CENTER (ECC)**

Revision No.

28DOCUMENT HISTORY

REV.	DATE	ORIGINATOR	SUMMARY OF CHANGE
13	10/94	A. Smith	Improve guidance for authorizing deviations from procedures, operating limits, Tech. Spec's, License, and License conditions. Added Exhibit 6. Also changed reference to EPIP-OC-.23 to EPIP-Com-.44. Main Gate Evacuation Regarding Accountability.
14	12/94	R. Finicle	Add guidance on media access to the site during declared emergencies.
15	02/95	A. Smith	Add Security Events to media access to get approval from local Law Enforcement and Security. EPIP-COM-45 to EPIP-OC-.29
16	06/95	A. Smith	Note for North Gate Applicability, Title changes of Buildings and General Typo's.
17	12/95	T. Blount	Correct typo's. Also modify Deviation documentation.
18	05/96	Bontempo	Revise Par Logic Diagram to address March 15, 1996 NRC/GPUN meeting. Delete Exhibit 1b pg. E1-16 through E1-19. Add Steps 2.1.1 through 2.1.3 of Exh. 1b Par Guide.
19	05/97	T. Blount	AEOF Removed from E-Plan 1000-PLN-1300.01 in Rev. 11. On-shift Team dispatch and mustering activity described.
20	10/97	A. Smith	Clarify nomenclature for fax machine in control room.
21	05/98	P. Hays	Change terminology from "Tech. Functions" to "Engineering", reflects elimination of Radwaste Supervisor, adds OCAB into considerations of on-site protective actions and clarifies transfer of authority for off-site notifications.
22	02/99	A. Smith	EPIP-COM-.44 and EPIP-COM-.45 have been changed to Oyster Creek site specific procedures and the new numbers are EPIP-OC-.44 and EPIP-OC-.45 (reference EP changes 98-021 & 98-022)
23	05/99	A. Smith	Clarify off-site notification transfer between ECC & EOF. Incorporate new public information process.
24	10/99	A. Smith	Clarify computer for ESDS usage.
25	DOS	A. Smith	Change references from GPU or GPUN or OCNCS.
26	09/00	G. Busch	Remove shift ORC Coordinator and clarify Communication Coordinator not necessarily a CRO.
27	10/00	A. Smith	Clarify transfer of Off Site Notification from ECC to EOF. Provide clarification for team tracking from the ECC. Improve 50.54X format.
28	06/01	R. Finicle	Revised step 3.1 of Exhibit 1 regarding personally providing the PAR to the Senior State Official at the State EOC. Added new Exhibit 16 PAR Notification Form. Change Ref. use from 1702.

Title

**DIRECTION OF EMERGENCY RESPONSE/
EMERGENCY CONTROL CENTER (ECC)**

Revision No.

28**1.0** PURPOSE

This procedure describes the actions to be taken by the Onshift Emergency Director (ED)/Site Shift Manager after an emergency is declared.

This procedure also describes the staffing, activation and operation of the Emergency Control Center (ECC).

2.0 APPLICABILITY/SCOPE

2.1 This procedure applies to the ED/GSS(SSM) and describes actions that must be taken by the ED/GSS(SSM) or his staff to implement the OCNCS Emergency Plan.

2.2 This procedure shall apply to all personnel assigned to the ECC during all levels of emergency classifications.

3.0 DEFINITIONS

3.1 Site Shift Manager - Is the Group Shift Supervisor on shift, responsible for the overall site operation as it pertains to the operation of the plant.

4.0 RESPONSIBILITIES

4.1 The ED/GSS(SSM) will perform or delegate the completion of the ED/GSS(SSM) checklist (Exhibit 1).

4.2 The Operation Coordinator/GOS will assume responsibilities outlined in Exhibit 3 (Operations Coordinator Responsibilities).

4.3 The Shift Technical Advisor will advise the ED/GSS(SSM) on activities that impact the safe operation of the plant.

4.4 A qualified person assigned as the on shift communicator will perform duties as specified in "Emergency Notification" Procedure EPIP-OC-.03.

4.5 The Initial Response Organization ECC communications coordinator and ECC communicators will perform duties as specified in accordance with this procedure.

4.6 A CRO or qualified person assigned as the initial OSC Coordinator will take direction from the SSM or GOS for coordination of initial emergency activities.

Title

**DIRECTION OF EMERGENCY RESPONSE/
EMERGENCY CONTROL CENTER (ECC)**

Revision No.

28

5.0 PROCEDURE

5.1 The following actions shall be performed by the on shift crew upon recognition of in plant or site conditions that have exceeded Emergency Action Levels (EALs) specified in EPIP-OC-.01.

5.1.1 GSS(SSM) will assume ED responsibilities (Exhibit 2) and complete actions listed on the ED/GSS(SSM) checklist (Exhibit 1).

5.1.2 GOS will assume Operations Coordinator responsibilities (Exhibit 3).

5.1.3 The person assigned by the GSS(SSM) will perform actions of "Communications Coordinator" as specified in EPIP-OC-.03.

5.1.4 Emergency responders on shift shall be directed to respond to events by the ED(SSM) or Ops Coordinator (GOS) from the ECC. If the conditions of the event indicate shift personnel should muster at a designated location, (to protect personnel) the ED shall direct them to an appropriate area. This area/location may be:

- 1) The EO room next the Control Room
- 2) The OSC
- 3) A suitable location selected by the GSS/ED.

When the OSC is Staffed by the IREO (typically 1 Hr from the Alert), the on-shift responders should be directed to report to that location.

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- 5.1.5 Team(s) dispatched prior to Activation of the OSC by the IREO should be "tracked" using the information similar to Exhibit 1C, Checklist. The Operations or OSC Coordinator on-shift will perform the briefing/tracking of teams. If this individual is unable to perform this activity due to responding to the event, the ED/GSS will perform or designate a temporary replacement as needed to support the Team dispatch function.
- 5.2 Once the Initial Response Emergency Organization (IREO) members have reported to the ECC, the following actions shall be performed.
- 5.2.1 GSS(SSM) will complete the "ED Turnover Checklist" (Exhibit 1a) and turnover ED responsibilities to the on call ED. After this turnover the GSS(SSM) will continue to fill out applicable portions of the "ED/GSS(SSM) Checklist" (Exhibit 1).
- 5.2.2 GOS or GSS(SSM) will brief the on call Operations Coordinator with the "ED Turnover Checklist". The Operations Coordinator will then establish communications and assume responsibilities as outlined in Exhibit 3.
- 5.2.3 CRO or person performing on shift OSC Coordinator duties will brief the on call (IREO) Operations Coordinator on the status of teams dispatched from the ECC. The Ops Coordinator in turn will brief the on call OSC Coordinator of team status.
- 5.2.4 The person performing Communication Coordinator duties will brief the on call Communication Coordinator on the status of communications and turnover responsibilities as outlined in EPIP-OC-.03.
- 5.2.5 The on call ECC Communicators will assume communicator duties as listed in Exhibit 8, 9 and 10.
- 5.3 A description of evacuation preplanning for Alternate Emergency Response Facilities is provided in Exhibit 5.

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6.0 REFERENCES

- 6.1 2000-PLN-1300.01, OCNCS Emergency Plan.
- 6.2 Procedure 126, "Procedure for Notification of Station Events"
- 6.3 EPA 400-R-92-001, October 1991, Manual of Protective Action Guides and Protective Actions for Nuclear Incidents.
- 6.4 EPIP-OC.26, The Technical Support Center.
- 6.5 Evacuation Time Estimates Oyster Creek Nuclear Generating Station, Dresdner, Robin & Associates December 1991.
- 6.6 O C File No. 96003, Letter 6730-96-3167 dated 04/24/96 Summary of March 15, 1996 Emergency Preparedness Meeting with the NRC.
- 6.7 1820-IMP-1720.01, Emergency Public Information Implementing Procedure.

7.0 EXHIBITS

- 7.1 Exhibit 1, Emergency Director/GSS(SSM) Checklist
- 7.2 Exhibit 1a, ED Turnover Checklist
- 7.3 Exhibit 1b, Protective Action Recommendation Guide
- 7.4 Exhibit 1c, "Team Dispatch From CR" Checklist
- 7.5 Exhibit 2, Emergency Director Responsibilities
- 7.6 Exhibit 3, Operations Coordinator Responsibilities
- 7.7 Exhibit 4, Press Release Approval Guidance
- 7.8 Exhibit 5, Alternate Emergency Response Facilities
- 7.9 Exhibit 6, Emergency Director Authorization for Deviations from Requirements
- 7.10 Exhibit 7, Site Access Policy For Media During Emergencies
- 7.11 Exhibit 8, ECC Communications Coordinator Checklist
- 7.12 Exhibit 9, ECC Communicator - Engineering Line

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- 7.13 Exhibit 9A, Equipment Status Display System
- 7.14 Exhibit 10, ECC Communicator Plant Status Update
- 7.15 Exhibit 11, Emergency Shift Schedule
- 7.16 Exhibit 12, HIFAX Log (Example)
- 7.17 Exhibit 13, Communicator Log (Example)
- 7.18 Exhibit 14, Emergency Message Form (Example)
- 7.19 Exhibit 15, Media Access Briefing Form
- 7.20 Exhibit 16, PAR Notification Form

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28EMERGENCY DIRECTOR/GSS(SSM) CHECKLISTEXHIBIT 1"UNUSUAL EVENT"Initial When Completed

1.0 Activate the ECC by performing the following (classification):

- _____ 1.1 EAL: _____
- _____ 1.2 Announce self as ED. Announce emergency classification and give brief description/reason for declaration: _____
- _____ 1.3 Remain cognizant of plant conditions/EALs to ensure appropriate emergency classification is declared.

2.0 Notifications

- _____ 2.1 Direct that offsite agencies are notified IAW EPIP-OC-.03.
- _____ 2.1.1 N.J. State Police (within 15 minutes).
- _____ 2.1.2 NRC (within 1 hour).
- _____ 2.1.3 Brief BNE when BNE representative calls Control Room (should be within 30 minutes of declaration - if no return call - contact NJSP and inform them). Conduct periodic briefings as requested and time permits.
- _____ 2.2 Direct that plant page announcements and management notifications be made IAW EPIP-OC-.03.
- _____ 2.3 Direct Security Shift Supervisor to implement EPIP-OC-.40 (Security actions). When time permits, discuss whether sabotage was involved.

3.0 Protective Actions

- _____ 3.1 Consider hazards to site personnel (see Exhibit 1b).

4.0 As necessary, review Exhibit 2, ED Responsibilities.

5.0 If media access to the site is requested, refer to Exhibit 7, "Site Access Policy For Media During Emergencies".

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28EMERGENCY DIRECTOR/GSS(SSM) CHECKLISTEXHIBIT 1 (CONT'D)"UNUSUAL EVENT"

- 6.0 All deviations from procedures, equipment operating limits, Technical Specifications, License, and License Conditions will be authorized and documented using the guidance in Exhibit 6.
- 7.0 Review and approval of press releases should be accomplished in a timely manner. The guidance in Exhibit 4 may be used to facilitate the review.

NOTE

The IREO and the TSC are not normally activated during an Unusual Event. Step 8.0 below applies only if the IREO ED and/or TSC is activated.

8.0 ED Briefing/Turnover

- _____ 8.1 Contact and brief Initial Response ED, utilize office, home, or pager phone numbers as necessary.
- _____ 8.2 At direction of initial response ED conduct a turnover to him (or in his absence, ESD) using Exhibit 1a. This turnover should be complete prior to the IREO ED assuming the position. The assumption of the ED position by the IREO ED should be the final step in activating the TSC.
- 9.0 Termination/Recovery (If not turned over to Initial Response ED). If plant is in a stable configuration and NO emergency action level criteria apply:
- _____ 9.1 Direct Termination Page Announcement.
- _____ 9.2 Direct Termination Notifications Offsite.
- _____ 9.3 Conduct close-out briefing with BNE.
- _____ 9.4 Issue a press release.

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EXHIBIT 1 (CONT'D)

"ALERT"

Initial When Completed

1.0 If not already activated, activate the ECC and classify or reclassify the event by performing the following:

- _____ 1.1 EAL: _____
- _____ 1.2 If not relieved by Initial Response ED, announce self as ED, announce emergency classification, and give brief description/reason for declaration: _____
- _____ 1.3 Remain cognizant of plant conditions/EALs to ensure appropriate emergency classification is declared.

2.0 Notifications

- _____ 2.1 Direct that offsite agencies are notified IAW EPIP-OC-.03.
 - _____ 2.1.1 N.J. State Police (within 15 minutes).
 - _____ 2.1.2 NRC (within 1 hour).
 - _____ 2.1.3 Brief BNE when BNE representative calls Control Room (should be within 30 minutes of initial declaration - if no return call - contact NJSP and inform them). Conduct periodic briefings as requested and time permits.
- _____ 2.2 Direct that plant page announcements and management notifications be made IAW EPIP-OC-.03.
- _____ 2.3 Direct Security Shift Supervisor to implement EPIP-OC-.40 (Security actions) and EPIP-OC-.41 (activation of ERO). (Should be within 15 minutes of initial declaration).
 - _____ 2.3.1 When time permits discuss whether sabotage was involved.
- _____ 2.4 If necessary call out a licensed or certified individual, preferably a GOS or GSS(SSM), to support the OSC.

3.0 Protective Actions

- _____ 3.1 Consider hazards to site personnel (see Exhibit 1b).

4.0 As necessary, review Exhibit 2, ED Responsibilities.

5.0 If media access to the site is requested, refer to Exhibit 7, "Site Access Policy For Media During Emergencies".

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EMERGENCY DIRECTOR GSS(SSM) CHECKLIST

EXHIBIT 1 (CONT'D)

"ALERT"

- 6.0 All deviations from procedures, equipment operating limits, Technical Specifications, License, and License Conditions will be authorized and documented using the guidance in Exhibit 6.
- 7.0 Review and approval of press releases should be accomplished in a timely manner. The guidance in Exhibit 4 may be used to facilitate the review.
- 8.0 At direction of Initial Response ED conduct a turnover to him (or in his absence, ESD) using Exhibit 1a. This turnover should be complete prior to the IREO ED assuming the position. The assumption of the ED position by the IREO ED should be the final step in activating the TSC.
- 9.0 Emergency Teams shall be directed from the ECC until the OSC is operational. Exhibit 1c should be used to track Emergency Teams. Teams may be directed by the ECC until the OSC Coordinator is available at the OSC to direct teams. At that time, team dispatch may be turned over to the OSC.
- 10.0 Termination/Recovery (If not turned over to Initial Response ED or ESD)
- 10.1 Implement EPIP-OC-.45.
- 10.2 Conduct close-out briefing with BNE.

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EMERGENCY DIRECTOR GSS(SSM) CHECKLIST

EXHIBIT 1 (CONT'D)

"SITE AREA EMERGENCY"

Initial When Completed

1.0 If not already activated, activate ECC and classify or reclassify event by performing the following:

- _____ 1.1 EAL: _____
- _____ 1.2 If not relieved by Initial Response ED, announce self as ED, announce emergency classification, and give brief description/reason for declaration: _____
- _____ 1.3 Remain cognizant of plant conditions/EALs to ensure appropriate emergency classification is declared.

2.0 Notifications

- _____ 2.1 If not turned over to the EOF, direct that offsite agencies be notified IAW EPIP-OC-.03.
 - _____ 2.1.1 N.J. State Police (within 15 minutes).
 - _____ 2.1.2 NRC (within 1 hour).
 - _____ 2.1.3 Brief BNE when BNE Representative calls Control Room (should be within 30 minutes of initial declaration - if no return call - contact NJSP and inform them). Conduct periodic briefings as requested and time permits.
- _____ 2.2 Direct that plant page announcements and management notifications are made IAW EPIP-OC-.03.
- _____ 2.3 If not already done, direct Security Shift Supervisor to implement EPIP-OC-.40 (Security Actions) and EPIP-OC-.41 (Activation of ERO). (Should be within 15 minutes of initial declaration).
 - _____ 2.3.1 When time permits discuss whether sabotage was involved.
- _____ 2.4 If necessary call out a licensed or certified individual, preferably a GOS or GSS(SSM), to support the OSC.

3.0 Protective Actions

- _____ 3.1 Consider hazards to site personnel (see Exhibit 1b).

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EMERGENCY DIRECTOR GSS/(SSM) CHECKLIST

EXHIBIT 1 (CONT'D)

"SITE AREA EMERGENCY"

- 3.2 If not relieved by Initial Response ED, direct site accountability.
 - 3.2.1 Provide route to EAA. RAC/GRCS may be asked for input.

NOTE

Essential personnel within the protected area should be accounted for within 30 minutes. Full accountability should be achieved within 60 minutes. If not, search and rescue efforts should commence.

- 3.3 ECC support of site accountability

NOTE

References to the North Gate are only applicable when the gate is open during outages.

- 3.3.1 In the event of Security Computer failure assign an individual to collect accountability cards in facility or slot numbers from those outside the ECC. (Ensure Radwaste and all other Operations personnel are included)
- 3.3.2 Direct individual to call the Main Gate Security with badge slot numbers within 10 minutes of initial declaration of accountability

Main Gate - dial code 80 on the Security Line or 4950 from Site Phone
- 3.3.3 Accountability notification completed for facility.

- 3.4 Review PAR Logic Diagram (Exhibit 1b)

- 3.5 Consider the need to continue radwaste operations and direct Radwaste Operators appropriately. Inform Initial Response ED, when available, of disposition.

- 4.0 As necessary, review Exhibit 2, ED Responsibilities.

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EMERGENCY DIRECTOR GSS/(SSM) CHECKLIST

EXHIBIT 1 (CONT'D)

"SITE AREA EMERGENCY"

- 5.0 If media access to the site is requested, refer to Exhibit 7, "Site Access Policy For Media During Emergencies".
- 6.0 All deviations from procedures, equipment operating limits, Technical Specifications, License, and License Conditions will be authorized and documented using the guidance in Exhibit 6.
- 7.0 Review and approval of press releases should be accomplished in a timely manner. The guidance in Exhibit 4 may be used to facilitate the review.
- 8.0 ED Turnover (If not previously completed).
- _____ 8.1 At direction of Initial Response ED conduct a turnover to him (or in his absence, ESD) using Exhibit 1a. This turnover should be complete prior to the IREO ED assuming the position. The assumption of the ED position by the IREO ED should be the final step in activating the TSC.
- 9.0 Emergency Teams shall be directed from the ECC until the OSC is operational. Exhibit 1c should be used to track Emergency Teams. Teams may be directed by the ECC until the OSC Coordinator is available at the OSC to direct Emergency Teams. At that time, team dispatch may be turned over to the OSC.
- 10.0 Termination/Recovery (If not turned over to Initial Response ED/ESD).
- _____ 10.1 Implement EPIP-OC-.45.
- _____ 10.2 Conduct close-out briefing with BNE.

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EMERGENCY DIRECTOR CHECKLIST
EXHIBIT 1 (CONT'D)
"GENERAL EMERGENCY"

Initial When Completed

1.0 If not already activated, activate the ECC and classify or reclassify the event by performing the following:

- _____ 1.1 EAL: _____
- _____ 1.2 If not relieved by Initial Response ED, announce self as ED, announce emergency classification, and give brief description/reason for declaration: _____
- _____ 1.3 Remain cognizant of plant conditions/EALs to ensure appropriate emergency classification is declared.

2.0 Notifications

- _____ 2.1 If not turned over to the EOF, direct that offsite agencies be notified IAW EPIP-OC-.03.
 - _____ 2.1.1 N.J. State Police, Ocean County, Ocean Township, and Lacey Township (within 15 minutes).
 - _____ 2.1.2 NRC (within 1 hour).
 - _____ 2.1.3 Brief BNE when BNE representative calls Control Room (should be within 30 minutes of initial declaration - if no return call - contact NJSP and inform them). Conduct periodic briefings as requested and time permits.
- _____ 2.2 Direct that plant page announcements and management notifications are made IAW EPIP-OC-.03.
- _____ 2.3 If not already done, direct Security Shift Supervisor to implement EPIP-OC-.40 (Security Actions) and EPIP-OC-.41 (ERO Activation). (Should be within 15 minutes of initial declaration).
 - _____ 2.3.1 When time permits discuss whether sabotage was involved.
- _____ 2.4 If necessary call out a licensed or certified individual, preferably a GOS or GSS(SSM), to support the OSC.

3.0 Protective Actions and Recommendations

- _____ 3.1 If turnover to IREO ED or ESD is not complete, personally convey the PAR to the Senior State official at the State EOC using Exhibit 16, within approximately 15 minutes of declaration (see Exhibit 1b, PAR Logic Diagram).
 - _____ 3.1.1 Discuss with BNE representative as soon as time permits.

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EMERGENCY DIRECTOR CHECKLIST

EXHIBIT 1 (CONT'D)

"GENERAL EMERGENCY"

- _____ 3.2 Direct page announcement for site evacuation of nonessential personnel IAW EPIP-OC-.03. If turnover to ED is complete, obtain his concurrence with announcement.
- _____ 3.2.1 Provide Security with selected assembly area and route.
[] Forked River Bld. 14 - or [] Berkeley Customer Operations Center.
- _____ 3.3 Consider need to continue Radwaste operations and direct Radwaste Operators appropriately. Inform Initial Response ED, when available, of disposition.
- 4.0 As necessary, review Exhibit 2, ED Responsibility.
- 5.0 If media access to the site is requested, refer to Exhibit 7, "Site Access Policy For Media During Emergencies".
- 6.0 All deviations from procedures, equipment operating limits, Technical Specifications, License, and License Conditions will be authorized and documented using the guidance in Exhibit 6.
- 7.0 Review and approval of press releases should be accomplished in a timely manner. The guidance in Exhibit 4 may be used to facilitate the review.
- 8.0 ED Turnover (If not previously completed).
- _____ 8.1 At direction of Initial Response ED conduct a turnover to him (or in his absence, ESD) using Exhibit 1a. This turnover should be complete prior to the IREO ED assuming the position. The assumption of the ED position by the IREO ED should be the final step in activating the TSC.
- 9.0 Emergency Teams shall be directed from the ECC until the OSC is operational. Exhibit 1c should be used to track Emergency Teams. Teams may be directed by the ECC until the OSC Coordinator is available at the OSC to direct teams. At that time, team dispatch may be turned over to the OSC.
- 10.0 Recovery
- _____ 10.1 Implement EPIP-OC-.45 (if not turned over to Initial Response ED/ESD).
- _____ 10.2 Conduct close-out briefing with BNE (if not turned over to ESD).

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EXHIBIT 1a

EMERGENCY DIRECTOR TURNOVER CHECKLIST
(Page 1 of 3)

EMERGENCY CLASSIFICATION

DATE/TIME OF DECLARATION

UNUSUAL EVENT _____

ALERT _____

SITE AREA EMERGENCY _____

* GENERAL EMERGENCY _____

Reactor power at time of event _____ % BRIEF DESCRIPTION OF THE EMERGENCY

* CURRENT PAR STATUS (Required for General Emergency) _____

STATUS OF ACCOUNTABILITY/ONSITE PROTECTIVE ACTIONS _____

PRESENT STATUS OF PLANT

_____ At Power (_____ %)

_____ Hot Standby

_____ Hot Shutdown

_____ Cooling down (describe cooldown mode) _____

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EXHIBIT 1a (CONT'D)

EMERGENCY DIRECTOR TURNOVER CHECKLIST
(Page 2 of 3)

- Estimated time to 'STABLE' plant conditions _____ hours
- Did reactor trip? YES - NO
- Did ECCS activate? YES - NO
- Is offsite power available? YES - NO
- Are both Diesel Generators operable? YES - NO
- Are Diesel Generators running? EDG#1 YES - NO EDG#2 YES - NO
- Are the Station Blackout CTs available? YES - NO
- Is fuel integrity maintained? YES - NO
- Is containment integrity maintained? YES - NO

If no, specify _____

Do you suspect there is a release
(monitored or unmonitored) in progress? NO YES N/A

If yes, specify pathway: _____

Is release AIRBORNE RELEASE LIQUID RELEASE UNKNOWN

Plume dispersion ELEVATED GROUND N/A

Details: _____

Are there any abnormally high inplant radiation levels? YES - NO

Specify location _____

Are there any personnel injuries? YES - NO
Provide status _____

Were there any news releases issued? YES - NO

Specify _____

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EXHIBIT 1a (CONT'D)
EMERGENCY DIRECTOR TURNOVER CHECKLIST

(Page 3 of 3)

Are there any open technical issues? YES - NO

Specify _____

News releases issued ATTACHED

NOTES:

Turnover Completed: Date _____ Time * _____

Current ED _____ Oncoming ED _____
Sign Sign

*Note time should be filled in when the oncoming ED assumes ED responsibilities.

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28EXHIBIT 1bPROTECTIVE ACTION RECOMMENDATIONS GUIDE1.0 Onsite

- 1.1 Inform the OSC Coordinator of personnel who were dispatched in support of emergency before the OSC was activated.
- 1.2 Relocate site personnel from areas of hazard or where the dose is projected to exceed 1000 mRem Total Whole Body Dose (TEDE). Consult RAC.
- 1.3 Evacuation of any area, site accountability, and site evacuation may be ordered at the discretion of the Emergency Director.

NOTE

If the Main Gate is evacuated, accountability can not be conducted.

- 1.4 Consider protective actions such as: securing ventilation, access control, Safety Department support. Consider securing Main, Turbine Bldg., and Computer Room doors to the Control Room in accordance with Control Room HVAC Procedure 331.1 if radiological release could affect Control Room personnel.
- 1.5 Consider protective actions such as: leaving the site, sheltering, or evacuation to an assembly area for Forked River Site, Combustion Turbine Site, Southern Area Stores Warehouse, Oyster Creek Administration Building (OCAB), and Trailer 300. If action is necessary, personnel may be informed by the following mechanisms:
 - 1.5.1 Contact Security Shift Supervisor to make a page announcement on the Forked River Site, and Trailer 300.

AND

- 1.5.2 Direct Security Shift Supervisor to dispatch a patrol to the affected areas to direct personnel to take the prescribed protective actions. Consider Security manpower requirements when taking this action.

OR

- 1.5.3 Direct available personnel (e.g., from OSC) to go to the affected areas to direct personnel to take the prescribed protective actions.

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EXHIBIT 1b (CONT'D)

PROTECTIVE ACTION RECOMMENDATIONS GUIDE

- 1.6 Consider use of KI if personnel have been exposed to significant Iodine. Consult RAC and Medical representative. EPIP-OC-.44 provides guidance.
- 1.7 Consider the need for security to control access to hazardous areas outside the RCA or outside the Protected Area.
- 1.8 Emergency Exposure Guidelines

- A. Voluntary Life Saving Actions No Pre-established Limit

- B. Corrective Actions Administrative Guidelines
 - 1. Total Whole Body Dose (TEDE) 10 Rem
 - 2. Lens of eye 30 Rem
 - 3. Total organ dose 100 Rem

2.0 Off-site

- 2.1 At the General Emergency, review the Protective Action Logic Diagram and provide PAR's to the State within approximately 15 minutes of declaring the General Emergency.
 - 2.1.1 The guidance provided by the NRC for a Protective Action Recommendation at a General Emergency is **Evacuation 2 miles in 360 degrees and 5 miles downwind**. Shelter all other non-affected areas of the 10 mile EPZ.

NOTE

If PAGs are exceeded, or are expected to be exceeded, beyond the 10 mile EPZ, assess the impact on an AD HOC Basis (i.e. Field Monitoring Team Data or Hand Written Contingency Calculations), and provide recommendations as appropriate.

- 2.1.2 Under certain circumstances it is permissible to recommend Sheltering if it is **known** that **Sheltering WILL PROVIDE GREATER PROTECTION**.
 - 2.1.2.1 This would most likely occur only for short (puff) release periods that are less than 1.5 Hrs. (which is substantially shorter than the evacuation time).

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EXHIBIT 1b (CONT'D)

PROTECTIVE ACTION RECOMMENDATIONS GUIDE

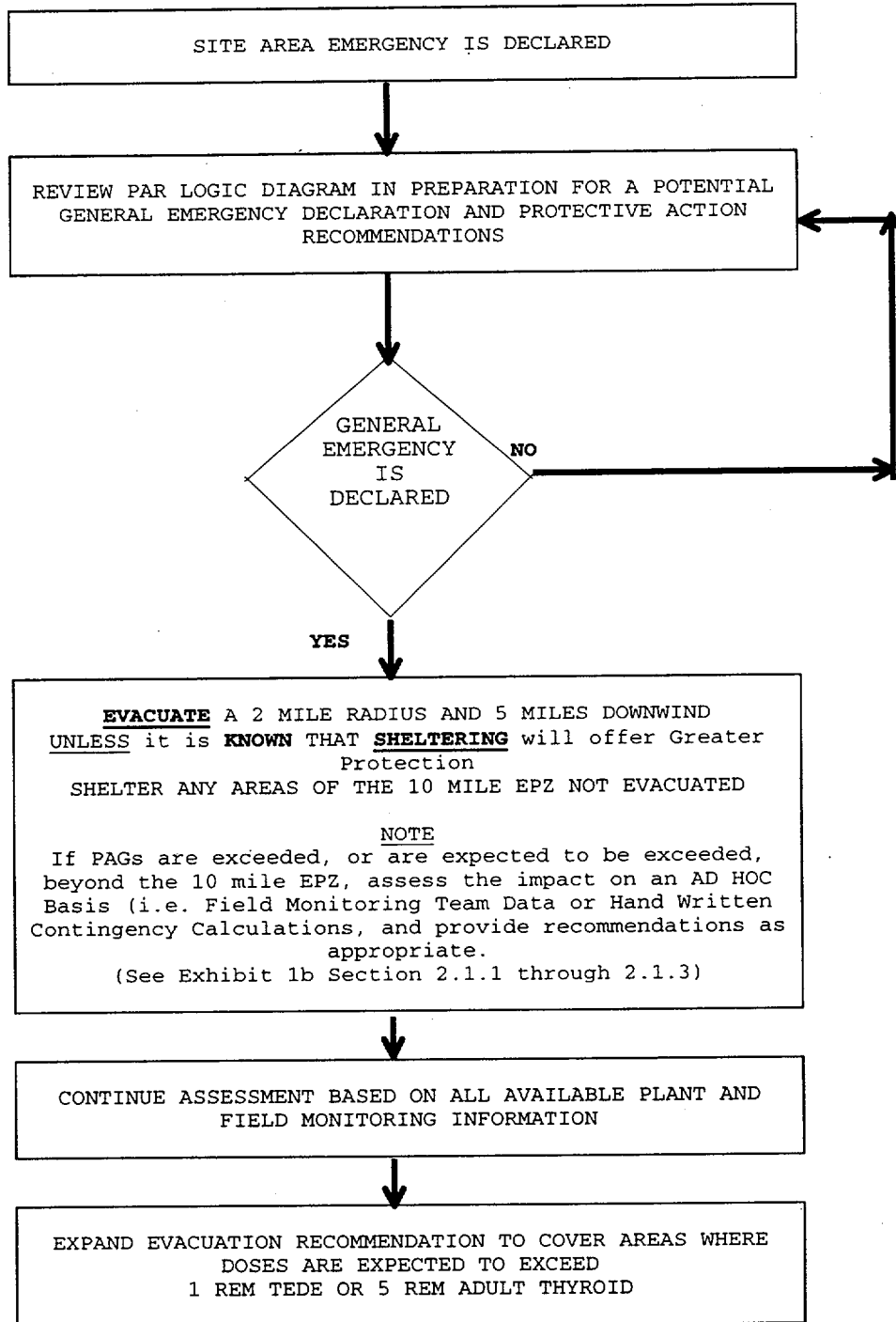
- 2.1.2.2 There must be strong assurance that there is definite control of the release and termination of the release by the positive actions of the emergency responders actions during the release process (such as Containment Venting).
- 2.1.3 Sheltering may be the protective action of choice, if rapid evacuation is impeded by:
- a) severe environmental conditions--e.g. severe weather or floods;
 - b) physical constraints to evacuation--e.g. inadequate roads

NOTE

The information in 2.1.3 "a" and "b" MAY ONLY BE AVAILABLE from previous discussions with New Jersey Office of Emergency Management or New Jersey Bureau of Nuclear Engineering Personnel.

- 2.2 During a Site Area Emergency, Protective Action Recommendations should not be immediately necessary, however, the PAR Logic Diagram should be reviewed.
- 2.3 Offsite protective actions should not be required during an Unusual Event or Alert.

EXHIBIT 1B (CONT'D)
OYSTER CREEK
PAR LOGIC DIAGRAM



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EXHIBIT 1c (Example)
"TEAM DISPATCH FROM C.R." CHECKLIST

NOTE

Start team numbers as ECC-001, ECC-002 etc.

Team Member Name(s): _____

Team No.: _____

INITIAL SPACE AT RIGHT

- 1.0 Member(s) has/have been advised of radiological and/or industrial hazards in area or route. _____
 - 2.0 Radiological monitoring capability is available to team. (Dose rate meter, alarming dosimeter or Rad Con escort) _____
 - 3.0 Work scope and direction has been provided to team. _____
- Location Dispatch to: _____
Function of Team: _____

Time team returned and brief description of function.

Team Member Name(s): _____

Team No.: _____

INITIAL SPACE AT RIGHT

- 1.0 Member(s) has/have been advised of radiological and/or industrial hazards in area or route. _____
 - 2.0 Radiological monitoring capability is available to team. (Dose rate meter, alarming dosimeter or Rad Con escort) _____
 - 3.0 Work scope and direction has been provided to team. _____
- Location Dispatch to: _____
Function of Team: _____

Time team returned and brief description of function.

Team Member Name(s): _____

Team No.: _____

INITIAL SPACE AT RIGHT

- 1.0 Member(s) has/have been advised of radiological and/or industrial hazards in area or route. _____
 - 2.0 Radiological monitoring capability is available to team. (Dose rate meter, alarming dosimeter or Rad Con escort) _____
 - 3.0 Work scope and direction has been provided to team. _____
- Location Dispatch to: _____
Function of Team: _____

Time team returned and brief description of function.

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The ED is vested with certain authority and responsibilities that may not be delegated to a subordinate. Included are:

- A. Approving and directing official notifications to offsite agencies.
- B. Approving and directing information releases to the media. ED/ESD approval is not required for public announcement of formal emergency declaration and changes of emergency classifications.
- C. Approving and, if possible, personally conveying appropriate Protective Action Recommendations to the New Jersey Office of Emergency Management.
- D. Serve as principle "point of contact" for receiving NRC directives.
- E. Classification of an emergency event.
- F. Directing onsite evacuation at the Alert or lower level emergency classification based on potential hazard to nonassigned personnel.
- G. Authorizing emergency workers to exceed 10 CFR 20 Radiation Exposure Limits in accordance with Exhibit 1b.
- H. Approving and directing deviation from established operating procedures, normal equipment operating limits, or technical specifications during attempts to control the plant emergency/or during a declared National Security Emergency.

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28EXHIBIT 2
(continued)

NOTE: For National Security Emergencies, the following conditions must be met.

1. When this action is immediately needed to implement national security objectives as designated by the National Command Authority through the NRC.

and

2. No action consistent with license conditions and technical specifications that can meet national security objectives is immediately apparent.

NOTE: In essence, no one below a licensed SRO individual can make the decision to depart from the license. However, if a more senior manager is present (i.e., Emergency Director) even though he may not possess an SRO license, the decision authority would be passed to him as a higher authority in the chain of command. The licensed SRO shall provide his best judgement to the ED for his consideration. Beyond that, the SRO shall follow the orders of his supervisor. It is imperative that the Emergency Director consult the SRO, and the Technical Support Center to the fullest extent practicable in arriving at a decision to deviate from prescribed procedures. However, Emergency Operating Procedures should generally not be deviated from. If the decision is made to depart from licensing conditions or technical specifications, notify the NRC before taking such actions if time permits or if time does not permit then within one hour.

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**DIRECTION OF EMERGENCY RESPONSE/
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EXHIBIT 2
(continued)

When the Emergency Support Director (ESD) arrives at the EOF and declares himself to be ready to assume that role, he will assume overall responsibility for management of the response to the accident and recovery operations. With the activation of the Emergency Support Director function, the ESD specifically will assume decision authority for Items A, B, C, and D. However, decision authority for Items E, F, G, and H will be retained by the ED. Decisions on all of the listed actions normally will result from close and continuous consultation between the ED and the ESD, and it shall be the responsibility of the ED to ensure the ESD is provided with the necessary information to arrive at timely and appropriate decisions. In the special case of event classification, the ESD shall retain the prerogative to overrule the ED if, in the judgment of the ESD, uncertainty or other considerations exist to the extent warranting classification of higher level of emergency than that classified by the ED.

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EXHIBIT 3

OPERATIONS COORDINATOR RESPONSIBILITIES

- A. Coordinate operations and maintenance activities through the GSS(SSM) and the OSC Coordinator.
- B. Establish and maintain direct communication with the TSC and OSC (when activated).
- C. Inform the ED of all significant plant changes and status of operator responses.
- D. Ensure ED's directions are provided to and implemented by the ECC (GSS(SSM)) and the OSC (OSC Coordinator).
- E. Consider the effects of operations and maintenance activities to off-site and on-site personnel prior to and during event response.

Title

**DIRECTION OF EMERGENCY RESPONSE/
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28EXHIBIT 4PRESS RELEASE APPROVAL GUIDANCE

1.0 Press releases should be issued within approximately one hour from the time that a major plant event has occurred. Press release shall be written in accordance with the following guidelines:

1.1 The following categories of information should be included in press releases.

a. Level of Emergency

This is simply identifying which one of the four emergency levels was declared.

b. Basis for Emergency Declaration

This should be a simplified description of the plant condition which produced the emergency action level (e.g., a leak of radioactive water within the plant building).

c. Operations Status of Plant

A simple description of plant status at the time of the emergency declaration (e.g., OCGS was operating at 100% power when the leak was discovered, however, the plant is currently reducing power).

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EXHIBIT 4

PRESS RELEASE APPROVAL GUIDANCE

d. Company/Government Interface

This is intended to inform the public that OCGS has notified and is working closely with government officials so that public confidence and company credibility can be increased.

e. Corrective Actions

This should be a nontechnical description of what plant personnel are doing to correct the problem. It may include such language as "attempts are being made to stop the leak" or "plant personnel are investigating the cause of the leak."

f. Offsite Impact

A statement which simply assesses what impact this event may have on the environment. This is intended to provide factual information on offsite radiological conditions (e.g., a radioactive release is in progress, however, environmental monitoring teams have not detected any radiation levels offsite in excess of normal background). The initial press release should include all or part of the above information since time is of the essence. However, at the very least, it should contain items a-e above.

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28EXHIBIT 4PRESS RELEASE APPROVAL GUIDANCE

2.0 In addition to the above, the following guidance should be used in issuing press releases:

- Speculation, dose projections and Protective Action Recommendations should not be included in press releases.
- Press releases may have operational and radiological review but shall have concurrence by the ED. Original initialed copies are to be retained for records. Exceptions to this are limited to press releases with boiler plate information only (e.g., Pre-approved boiler plate press releases are contained in Procedure 1820-IMP-1720.01, Attachment 1) which may be issued without prior review and approval. Once the Governor has declared a "State of Emergency", all OCNCS press releases shall be provided to the State Police representative in the Media Center for review prior to final issuance. Changes made as a result of this review should be communicated to the ESD (ED if ESD is not activated).

NOTE

For Security related events, press releases containing potential safeguards information are to be reviewed by the Security Coordinator.

- Press releases will be reviewed expeditiously in order to support timely issuance.
- Press releases should avoid technical terms (e.g., plant names) and jargon (e.g., trip) and should be written as simple as possible. For example, ISO Condenser could be referred to as a heat removal process from the Reactor.

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EXHIBIT 5
ALTERNATE EMERGENCY RESPONSE FACILITIES

This exhibit provides for a description of evacuation preplanning for Alternate Emergency Response Facilities as follows:

1. Control Room/ECC - Evacuation of Control Room - the Operators control the plant from remote shutdown panels and the GSS(SSM) directs plant operations from the TSC. All other ECC IREO members are integrated into the TSC organization. (Refer to 2000-ABN-3200.30 for specific direction).
2. OSC - Evacuation of OSC - all OSC personnel are evacuated to the SOSOC which is located in the rear of the TSC. (Refer to EPIP-OC-.27 for specific direction.)
3. TSC - Evacuation of TSC - the ED support staff which includes the ED, ED Assistant, RAC, RASE, and PI Rep. evacuate to the Control Room (ECC). The Tech Support staff which includes the TSC Coordinator, TSC Engineers, Communication Coordinator, Communicators and the Tech Assistant evacuate to the OSC. The Core Engineer would initially report to the Control Room, but if his services are not needed, he will be sent to the OSC. (Refer to EPIP-OC-.26 for specific direction).
4. Remote Assembly Area - Evacuation of RAA's - if the Forked River Bldg. 14 RAA is not available then relocate to the Berkeley Customer Operations Center.
5. Emergency Assembly Area - The EAA may be redirected to the Forked River Assembly Area or to the Remote Assembly Area at Berkeley Customer Operations Center as directed by management. In this case Site Accountability is conducted as personnel exit the site.
6. EOF - There are no backup facilities for the EOF because it is remote from the site and it is unlikely that a nuclear related incident would affect both the plant and this center.

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EXHIBIT 6

EMERGENCY DIRECTOR AUTHORIZATION FORM
FOR DEVIATIONS FROM REQUIREMENTS

TYPE OF DEVIATION

- I. Deviations authorized under the Emergency Plan.
Deviations from operating procedures, emergency procedures, emergency plan implementing procedures, or normal equipment operating limits that do not result in a deviation from Technical Specifications, Operating License, License Conditions or other NRC Rules, Regulations, or Orders.
- II. Deviations authorized by 10 CFR 50.54 (x) and (y) for the protection of public health and safety.
 - A. Departure from a Technical Specification requirement.
 - B. Departure from the Operating License.
 - C. Departure from a License Condition.
(Refer to page E6-2 & 3 for assistance in defining "License Conditions")
 - D. Departure from NRC Rules, Regulations, or Orders.

Deviations are only permissible if all of the following are met:

1. An Emergency condition exists which can impact the public health and Safety.
2. The deviation is allowed if there are no actions which are consistent with license conditions or technical specifications.
3. The action must be taken immediately in order to be effective in protecting the public health and safety.

Deviation Justification

Alternatives Considered

SRO Concurrence: _____

TSC Eng. Concurrence: _____

ED Approval: _____ Date: _____ Time: _____

NRC Notification: _____ Date: _____ Time: _____
(use ENS line)

NRC Person Notified: _____

EXHIBIT 6

Procedure: EPIP-OC-.02
Rev. 28

EMERGENCY DIRECTOR AUTHORIZATION FORM
FOR DEVIATIONS FROM REQUIREMENTS
(continued)

LICENSED CONDITIONS

REGULATION	REQUIREMENT	DESCRIPTION	DEVIATION
10 CFR 50.54(A) 10 CFR 50 APP. B	OQA Plan	Plan to insure quality in all phases of Nuclear Plant operation and to enhance Safety	A 50.54(x) deviation consists of not implementing the OQA Plan or a section of the Plan to protect public safety and health. See NOTE 1 below.
10 CFR 50.54(p) 10 CFR 73.55	Safeguards and Security Plan	Requirement for Physical Security and control of information pertaining to the method employed.	A 50.54(X) deviation is not implementing a major portion of the Security Plan to protect public health and safety. See Note 2 below.
10 CFR 50.54(q) 10 CFR 73.55(b) 10 CFR 50 APP. E	Emergency Plan	Plan to insure the appropriate facilities, personnel, procedures and equipment are available to adequately respond to emergencies. The sub-parts of this item are: *Standard Classification System *Notification of Local, State and Federal Organizations *Methods, Systems & Equipment for assessing & monitoring actual or potential radiological consequences *Use of Protective Action Recommendations *Controlling radiological exposure *Activation of the Emergency Response Facilities *Activation/use of Emergency Response Facilities *Use of ERDs (Emergency Response Data System)	All of these sub-parts of the Emergency Plan are implemented via implementing procedures. Examples of 50.54(x) DEVIATIONS , while protecting public health and safety follow: Deciding Intentionally to NOT. * Control exposures of all workers per EPA-400 limits * Activate the Emergency Response organization * Use/Activate Emergency Facilities The other items of this part do not meet the criteria for a 50.54(x) DEVIATION that would still protect the public health and safety. Any instance of not complying with these parts is a violation, but not a valid DEVIATION.
10 CFR 50.54(z)	NRC Operations Center	Requires notify and maintain communications with the NRC Operations Center of events specified in 10 CFR 50.72	a 50.54(x) deviation is when the NRC is intentionally Not notified or when communications with the NRC is being suspended without NRC concurrence to protect public health and safety.

NOTE 1

The OQA Plan describes the formal plan to implement the requirements of 10 CFR 50 Appendix B. The Plan contains the controls and bases for procedures that implement the Plan. If an entire process described in the Plan is not followed, this must be considered under 10 CFR 50.54(x). It is unlikely that such a deviation could be considered to protect the health and safety of the public thus could not be authorized under 10 CFR 50.54(x). Specific and individual deviations from the plan's implementing procedures are not considered a deviation from the Plan, and as such would still require the approval of the Emergency Director and documentation on Exhibit 6 but would not require notification of the NRC per 10 CFR 50.72(a) (2) (i) (C).

NOTE 2

The Security Plan implements the requirements of 10 CFR 73.55. In essence, deviations from the Security Plan are deviations from 10 CFR 73.55 and in accordance with 10 CFR 73.55(a) are reported in accordance with 10 CFR 50.54(x). In addition to the Security Plan, 10 CFR 73.55 requires a Safeguards Contingency Plan which gives guidance to accomplish specific defined objectives for different events. The Safeguards Contingency Plan is considered similar to an implementing document and therefore specific deviations from it are not 10 CFR 50.54(x) deviations. However, if whole parts of the Safeguards Contingency Plan are not followed, these should be considered under 10 CFR 50.54(x).

Example: The Security Plan, as required by 10 CFR 73.55, contains requirements on access controls. If access controls are suspended this should be considered a deviation of the Security Plan and be reported in accordance with 10 CFR 50.54(x). However, if access controls will be maintained but differently than described in the procedures, this is not a 10 CFR 50.54(x) deviation but would still require the appropriate approval and documentation using this exhibit page E6-1.

E6-2

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EXHIBIT 6

EMERGENCY DIRECTOR AUTHORIZATION FORM
FOR DEVIATIONS FROM REQUIREMENTS
(continued)

ADDITIONAL INFORMATION AND REGULATORY EXCERPTS

- 50.54(x) - A licensee may take reasonable action that departs from a license condition or technical specification (contained in a license issued under this part) in an emergency when this action is immediately needed to protect the public health and safety and no action consistent with license conditions and technical specifications that can provide adequate or equivalent protection is immediately apparent.

NOTE

The NRC has interpreted 50.54(x) to apply to NRC rules, regulations and orders in addition to Technical Specifications, Licenses, and License Conditions.

- 50.54(y) - Licensee action permitted by paragraph (x) of this section shall be approved, as a minimum, by a licensed senior operator prior to taking the action.
- 73.55(a) - In accordance with section 50.54(x) and (y) of Part 50, the licensee may suspend any safeguards measure pursuant to Section 73.55 in an emergency when this action is immediately needed to protect the public health and safety and no action consistent with the license conditions and technical specifications that can provide adequate or equivalent protection is immediately apparent. This suspension of safeguards measures must be reported in accordance with the provisions of 73.71. Reports made under Section 50.72 need not be duplicated under 73.71.

NOTE

In essence, no one below a licensed SRO individual can make the decision to depart from the License. However if a more senior manager is present (ie., Emergency Director) even though he does not possess an SRO license, the decision authority would be passed to him as a higher authority in the chain of command. The licensed SRO shall provide his best judgement to the ED for his consideration. Beyond that the SRO shall follow the orders of his supervisor.

It is suggested that the Emergency Director consult to the extent practicable with the Technical Experts at the TSC in arriving at a decision to deviate from prescribed procedures. However, Emergency Operating Procedures should not generally be deviated from.

- 50.72(b) - Any deviation from the plant's technical specifications authorized pursuant 50.54(x) of this part.

NOTE

Notify the NRC before taking action if time permits but at least within 1 hour of the deviation.

The NRC interprets the reporting requirement to cover any departure under 50.54(x) AND (Y), and is not limited to Technical Specification deviations.

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EXHIBIT 7

SITE ACCESS POLICY FOR MEDIA DURING EMERGENCIES

Providing reasonable site access to the media during a plant emergency is in the best interest of the corporation and the public.

Responsibility for approving site access rests with the Emergency Support Director, or, if the EOF is not activated, with the Emergency Director.

For purposes of media access to the site during an emergency, the same industrial safety and security standards and requirements that apply to non-essential employees will be applied to the media.

Communication Department Responsibilities

Requests for media access will be made to the ESD or ED by the Public Information Duty Representative or the Media Center Lead.

Communications will provide the ED/ESD with the number of media to gain site access, areas to be accessed and length of time the media will be there, (Communications will decide the number of media gaining access based on conditions at the time of the emergency. An attempt will be made to gain access for, at a minimum, one representative each from radio, television and print media.)

Communications will provide media transportation on and off site.

Communications will have each member of the media sign a Media Access Briefing Form, Exhibit 15, indicating they were briefed about the risks as they were known at the time by the corporation.

1. If media access does not involve entry into a posted radiologically controlled area:
 - a. At Oyster Creek, Security will retain responsibility for sign in and badging.
 - b. Communications will supervise and escort the media while on site.
 - c. Communications will conduct a briefing explaining the radiological and industrial conditions and risks on site.
2. If media access involves entry into a posted radiologically controlled area:
 - a. Media will be processed at Bldg. 14 as appropriate, receiving dosimetry, training, bioassay, waivers and briefings based on established procedural requirements.
 - b. Communications will notify the Security Coordinator prior to site access.
 - c. Communications in conjunction with Radiological Controls will supervise and escort the media while in posted radiologically controlled areas.

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EXHIBIT 7 (cont.)

SITE ACCESS POLICY FOR MEDIA DURING EMERGENCIES

ED/ESD Responsibilities

1. The ED/ESD will consult with the RAC/Group Leader R&EC, and media will be granted access if the projected dose will not exceed the 500 millirem annual limit including external and internal exposure.

NOTE

For Security Driven Events, media access to the site must also be approved by the local Law Enforcement Agency and Security.

2. Approve media access to the site if requirements are met.

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EXHIBIT 8

ECC COMMUNICATIONS COORDINATOR CHECKLIST

INITIALS

- _____ 1.0 Report to the Operations Coordinator\ED Assistant and support information transmittals to the TSC, OSC, EOF, BNE and NRC. Also corporate engineering if applicable.
- 2.0 Direct communications operations at the facility and ensure all communicator actions are completed in accordance with procedure.
- _____ 3.0 Implement EPIP-OC-.03, Emergency Notification.

NOTE

Initial Off-site notifications to the State must be accomplished within fifteen (15) minutes of the declaration.

- _____ 4.0 Continue Off-site notifications until the ESD has assumed the offsite notification and the EOF communicator relieves the ECC of that responsibility. The ECC will continue to make On-Site plant page announcements.

NOTE

Transmissions of information to the NRC and BNE may require special attention. Any NRC and BNE needs should be addressed as soon as practical.

- _____ 5.0 When relieved of Off-Site Notifications, by the EOF Communicator, the ECC Communicator shall provide a turnover of prior notifications made by ECC via the telephone and follow up with a fax of all completed notifications made from the ECC.

NOTE

On-site plant page announcements will remain the responsibility of the ECC.

- _____ 6.0 In accordance with EPIP-OC-.03 establish and maintain communications with Off-site agencies until relieved by the TSC or EOF Communications Coordinator.

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EXHIBIT 8
(continued)

ECC COMMUNICATIONS COORDINATOR CHECKLIST

INITIALS

NOTE

After EOF is activated and the BNE is present, the transmission of Station Status Checklist to BNE should be terminated.

7.0 Initiate the development of watch bill for your organization that will support the emergency on a 24 hour/day basis. (Exhibit 11)

8.0 Ensure that communications to the NRC via NRC/ENS line, this function may be transferred to the TSC if communications personnel are available in that location. This may require callout of addition personnel.

NOTE

Notifications are required within 1 HR of declarations. NRC may require constant manning of this phone.

9.0 When the TSC communication coordinator is fully staffed and ready, transfer ENS line responsibilities to the TSC. NRC may resist this transfer but manpower limitations mandate it. If ERDS is operational it will facilitate the transfer.

10.0 As requested, provide the Ops. Coordinator with the status of the OSC teams utilizing an available lan based PC

NOTE

If this system fails, obtain status via phone and ensure the Ops Coordinator is kept apprised.

11.0 Report failed communications systems to the TSC Communications Coordinator. Provide specific information for each trouble report including: circuit, nature of problem, location, etc.

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EXHIBIT 8
(continued)

ECC COMMUNICATIONS COORDINATOR CHECKLIST

INITIALS

_____ 12.0 Call out additional personnel, if required (e.g., for NRC interface)

NOTE

For call out of Duty Roster personnel, contact Security Shift Supervisor. For additional staff, contact Group Leader Adm Support/ If not available, use normal dept. call-out methods.

13.0 If the plant computer system fails, transmit critical plant parameters to the TSC approximately every fifteen (15) minutes, or as conditions change.

_____ 14.0 Ensure equipment status is maintained by the assigned communicator. If this system fails, equipment status should be manually transmitted to the TSC every thirty (30) minutes or as conditions change.

15.0 Upon termination of the emergency, ensure those agencies previously notified in EPIP-OC-.03 have been advised of the termination.

15.1 If Off-site notifications responsibility has been transferred, this responsibility should be transferred also. Verify completion with appropriate Communications Coordinator.

_____ 16.0 All completed logs and records are then forwarded to the Emergency Preparedness Dept.

Signature _____
ECC Comm. Coord.

Date _____

Title

**DIRECTION OF EMERGENCY RESPONSE/
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EXHIBIT 9

ECC COMMUNICATOR

Engineering Line

INITIALS

- _____
- 1.0 Report to ECC Comm. Coordinator.
 - 2.0 As required, conference the Engineering line.
 - 3.0 If the Plant Computer System is inoperable, obtain and complete Critical Plant Parameters sheet and ensure it is transmitted over the fax to all centers except ECC.

NOTE

Use the time the data was compiled as opposed to the time the data is sent when filling out the sheet.

- 4.0 Maintain the Equipment Status Display on the computer with EP applications for current Plant Status. (Instructions are in Exhibit 9A.)
- 5.0 Complete Station Status Checklist and transmit it to the BNE until the BNE function is at the EOF. Obtain directions from the ECC Comm. Coord. on when to terminate transmittal.
- 6.0 Maintain a Communicator Log (Exhibit 13) which includes:
 - Verbal communication messages not documented in writing elsewhere.
 - Any relevant information to communicator duties.
- 7.0 The Communicator may request the assistance of the Communications Coordinator to assign other personnel, such as the Off-shift STA, to perform Station Status Checklist transmission, or other tasks as necessary.

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EXHIBIT 9A

EQUIPMENT STATUS DISPLAY SYSTEM

- 1.0 Ensure that the computer with the EP applications is logged onto the LAN.
- 2.0 Open the "EP Applications" folder.
- 3.0 Double Click on the ESDS Icon.
- 4.0 Select the center from which you are accessing ESDS (i.e.; ECC, TSC, CSC, Other).
- 5.0 IF asked "Do you wish to reset status screen", THEN click the YES button.

NOTE

The ECC and TSC have the ability to change equipment status and add comments. The OSC has the ability to add comments. All other centers can view status. All changes being made by the TSC or OSC should be coordinated with the ECC Engineering Line Communicator.

Title

**DIRECTION OF EMERGENCY RESPONSE/
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EXHIBIT 10

ECC COMMUNICATOR

Plant Status Update Line

INITIALS

- _____ 1.0 Activate the fax machine and select A/B switch for desired line.
- 1.1 Line "A" is the primary which is commercial line i.e. 609-971-XXXX.
- 1.2 Line "B" is the backup which is the EP Circuit.
- _____ 2.0 Set time and date of fax by PCS clock.
- _____ 3.0 Send test transmission to TSC, OSC, and EOF (when activated). If messages are waiting, the first may be used as the test transmission.
- 4.0 Number and log each fax transmission using Exhibit 12.

NOTE

Number transmissions sequentially regardless of the type of transmission. Use location designator as part of sequential number, i.e. ECC-001, ECC-002, etc.

- 5.0 The priority for routine transmissions are:
- Critical Plant Parameters to TSC (every 15 minutes at a minimum) if the Plant Computer System is inoperable.
 - Equipment Diagrams to TSC (every 30 minutes or as changes occur) if equipment status display system is inoperable.
 - Station Status checklist to BNE at least every 30 minutes until they are activated at EOF or as directed by the Comm. Coordinator. (Must change Fax to commercial line "A".)
 - Other transmissions, Emergency Message Forms with appropriate information (Exhibit 14).

NOTE

The ECC Communications Coordinator may pre-empt these priorities.

- 6.0 Receive, log and distribute messages sent via fax to ECC.

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EXHIBIT 11

Page of

EMERGENCY SHIFT SCHEDULE

DATE:

GROUP (eg. Admin.):

TIME:	SHIFT 1	SHIFT 2	SHIFT 3
BEGIN			
END			

	NAME	NAME	NAME
POSITION #			
P HOME #			
H			
O WORK #			
N			
E BEEPER #			
POSITION #			
P HOME #			
H			
O WORK #			
N			
E BEEPER #			
POSITION #			
P HOME #			
H			
O WORK #			
N			
E BEEPER #			

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EXHIBIT 14

EXAMPLE

Number _____					
OCGS Emergency Message					
To:					
• OSC	• TSC	• EACC	_____		
• ECC	• EOF	Staff Position Other _____			
Message:					
Originator: _____					
	Staff Position		Initials	Time	Date
Location:	• ECC	• TSC	• OSC	• EACC	• EOF
Reply:					
Reply Completed by: _____					
	Staff Position/Other		Initials	Time	Date

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EXHIBIT 15

MEDIA ACCESS BRIEFING FORM

I have been briefed about the risks, both industrial and radiological, to which I may be exposed while at this nuclear facility. I understand there may be some risk and willingly accept it for the purpose of visiting the plant site.

Signature _____

Date _____

News Organization _____

Communications Rep. _____

Title
**DIRECTION OF EMERGENCY RESPONSE/
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EXHIBIT 16

PAR NOTIFICATION FORM

NOTE

Personally provide the PAR to the Senior State Official at the State EOC, within 15 minutes of a General Emergency. Verify that you are speaking to the Senior Official at the State EOC when providing the PAR. If the PAR is provided prior to State EOC activation, the State has agreed that the State Dispatcher will be considered the "Senior State Official".

INITIAL PAR

- We recommend evacuation for the general population within 2 miles of the plant and Compass Sectors _____, _____ and _____ out to a distance of _____ miles. We also recommend Sheltering, for the general population within all other areas of the EPZ.

- We recommend Sheltering for the general population within the 10 mile EPZ.

EXPANSION OF PAR

- We recommend evacuation for the general population within _____ miles of the plant and Compass Sectors _____, _____ and _____ out to a distance of _____ miles. We also recommend sheltering for the general population within all other areas of the EPZ.

- We recommend evacuation for the general population within _____ miles of the plant.

Signature _____ Time _____ Date _____

Senior State Official Notified _____ Time _____ Date _____