

**PSEG Site
ESP Application
Part 5, Emergency Plan**

SECTION 16

RADIOLOGICAL EMERGENCY RESPONSE TRAINING

Emergency response training is a shared responsibility between Site Access Training and the Emergency Preparedness Group. Emergency response training is divided into two major categories: (1) training for personnel who are not part of the emergency response organization (ERO) and (2) training for personnel assigned to the ERO.

1.0 General Employee Training Program

Personnel badged for unescorted access to the Protected Area receive a basic Emergency Plan overview as part of the General Employee Training (GET) program. Re-qualification is required annually to maintain unescorted access to the Protected Area. Individuals, who meet training/experience criteria established in the Access Training procedure, can take an examination based on the initial program objectives to maintain their access, if passed.

The Manager - Emergency Preparedness, or designee, periodically reviews the content of the GET program to ensure it contains adequate guidance for personnel not assigned an emergency response position. In addition, the Manager - Emergency Preparedness, or designee, is one of several disciplines that maintain approval authority over this lesson material to ensure it is maintained current and accurate.

1.1 Training of Assigned Emergency Response Personnel

All personnel assigned to emergency response positions are to receive annual emergency preparedness training. Annual emergency preparedness training is described in ERO position specific qualification guides. Training methods may include classroom instruction, computer based instruction, drill training, evaluation, individual knowledge discussions or evaluations, and are outlined in the position specific Qualification Guides.

The Emergency Preparedness Group has the primary responsibility for coordination of emergency preparedness training. The Emergency Preparedness Group is also responsible for conducting drills and exercises. Course content and qualification guides are created using position specific job task analysis (JTA), which describe the elements necessary to perform the job function.

The emergency planning administrative training procedure and Training & Reference Material (T&RMs and Forms) describe the process for the development and presentation of this training material.

**PSEG Site
ESP Application
Part 5, Emergency Plan**

1.1.1 Emergency Preparedness Training Instruction

Training and qualification requirements are based on the emergency response assignment duties. The codes for and the description of these assignments are contained in Section 3, Emergency Organization, Subsection 9 of the Emergency Plan.

The Manager - Emergency Preparedness, or designee, will approve lesson plans and qualification guides used for emergency preparedness training.

1.1.2 Emergency Plan Drills

Emergency Plan Drills are used as tools to practice, train, and demonstrate the skills learned in training and to exercise the interface between PSEG and offsite agencies. All drills and exercises will be conducted in accordance with Section 15 of the Emergency Plan.

1.1.3 Deficiency Correction

If deficiencies are identified during drills, the following corrective measures will be taken:

- 1) Individual Deficiencies - on-the-spot correction by a qualified drill COACH or CONTROLLER (or during post-drill critique sessions).
- 2) Deficiencies identified in drills or exercises are tracked per the Corrective Action Program.
- 3) The NRC evaluated (graded) exercise results are rolled out to senior management at the NRC evaluated exercise exit meeting, through the evaluated exercise final critique, and through the station morning meetings.
- 4) The Manager - EP or designee, reviews and approves all drill and exercise critique reports.

2.0 Program Administration

The Emergency Preparedness Group is responsible for administering the Emergency Plan training program. Records will be maintained in accordance with the PSEG training department procedures or guidance.

3.0 Offsite Support Training

Training is provided for the Lower Alloways Creek (LAC) Fire and Rescue Company, Inc and the LAC EMS and Rescue, Inc. in the event they are needed onsite to supplement station manpower. PSEG training is conducted on station response procedures. Radiation protection techniques training is conducted in accordance with state plans and procedures. Dial 911 notification procedures are used, as in any emergency, therefore, no additional training is needed. Offsite ambulance squad personnel are trained and qualified in courses equivalent or superior to the Red Cross Multi-Media course. All other training and retraining given to offsite (including hospital staff), state, and municipal emergency response personnel will be provided in accordance with the appropriate state, county, and municipal emergency response plans.

4.0 Training of Emergency Preparedness Staff

Periodic training is provided to the emergency preparedness staff. Staff members are assigned to attend at least one training program, drill, conference, or seminar annually. Attendance is assigned on the basis of the individual responsibilities of staff members.

**PSEG Site
ESP Application
Part 5, Emergency Plan**

5.0 Emergency Plan Instruction for Untrained Personnel

All individuals entering the Protected Area, who are not badged for unescorted access, will be continuously escorted. This escort is responsible to ensure the untrained individual adheres to all station procedures and policies while within the protected area. During emergencies unbadged personnel will be escorted to the security center (by the escort or security personnel) and given directions to depart the facility.

**PSEG Site
ESP Application
Part 5, Emergency Plan**

**TABLE 16 – 1
EMERGENCY PLAN TRAINING MATRIX
Page 1 of 4**

COURSE/QG ¹ POSITION	QUAL GUIDE (QG) NUMBE R	EP MGMT	OPS	RSM	EOF RAD ASSESS	EOF DOSE ASSESS	OFFSITE MON	OFFSITE TEAM COORD	RAC	TECH DUTY	OSC	COMM	ENC/JIC	SECURITY	ADMIN
Emergency Response Manager (ERM) / A01	1	X													
Site Support Manager (SSM) / A02	1	X													
Emergency Duty Officer (EDO) / A03	1	X													
Shift Manager (SM) / A04	2		X												
Emergency Preparedness Coordinator (EPC) / A05	1	X													
Nuclear Shift Technical Advisor (NSTA) / B01	2		X												
Control Room Supervisor (CRS) / B02	2		X												
Reactor Operator/Plant Operator (RO/PO) / B03	10 & 16		X												
Control Room Communicators (CM1/CM2) / B04	16											X			
Communicator – OPS Advisor / B04A	16											X			
Equipment Operators (EO) / B05	10										X				
Operations Support Center Coordinator (OSCC) / C01	9										X				
Shift Controls Technician (I&C) / C02	10										X				
Shift Controls Technician Electrical / C03	10										X				
OSC Operations Supervisor / C04A	9										X				
OSC Support Maintenance Supervisor / C04B	9										X				
OSC Shift Maintenance Supervisor / C04C	9										X				
OSC Radwaste Operator / C05A	10														
Nuclear Tech – Mechanical / C05B	10										X				
Controls Tech Electrical / C05D	10										X				
Controls Tech – I&C / C05E	10										X				
Fire Brigade / C06	10										X				
Planner / C08	10										X				

**PSEG Site
ESP Application
Part 5, Emergency Plan**

**TABLE 16 – 1
EMERGENCY PLAN TRAINING MATRIX
Page 2 of 4**

COURSE/QG ¹ POSITION	QUAL GUIDE (QG) NUMBE R	EP MGMT	OPS	RSM	EOF RAD ASSESS	EOF DOSE ASSESS	OFFSITE MON	OFFSITE TEAM COORD	RAC	TECH DUTY	OSC	COMM	ENC/JIC	SECURITY	ADMIN
OSC Clerk / C10	10										X				
Radiological Support Manager (RSM) / D01	20	X		X											
Radiological Assessment Staff - EOF Duty / D02A	22					X									
Radiological Assessment Staff – EOF Supp / D02B	23				X										
Radiological Assessment Staff – EOF Supp / D02C	23				X										
Field Team Communicator / D03	24							X							
Offsite Team Monitor / D04A	25						X								
Offsite Team Driver / D04B	25						X								
Radiological Assessment Coordinator (RAC) / E01	21	X							X						
Radiation Protection Supervisor (Offsite) / E02A ²	19														
Radiation Protection Supervisor (Exp Cntrl) / E02B ²	19														
Shift Radiation Protection Technician (SRPT)/Onsite Radiation Protection Technician (ORPT) E03/E04 ²	19														
Chemistry Supervisor - CP/TSC / E05 ³	18														
Chemistry Technician (CT) / E06 ³	18														
Technical Support Supervisor (TSS) / F01 ⁴	1	X													
Technical Support Team Leader (TSTL) / F02	4 or 5									X					
Engineer - Electrical / F03	4 or 5									X					
Engineer - Mechanical / F04 ⁴	4 or 5									X					
Engineer – Controls	4 or 5									X					
Core-Thermal Hydraulics Engineer / F06A	4 or 5									X					
Emergency Preparedness Advisor (EPA) – TSC / F07	16											X			
TSC Communicator / F08	16											X			
PSEG SITE ESPA-EP															

16.5

Rev. 1

**PSEG Site
ESP Application
Part 5, Emergency Plan**

**TABLE 16 – 1
EMERGENCY PLAN TRAINING MATRIX
Page 3 of 4**

COURSE/QG ¹ POSITION	QUAL GUIDE (QG) NUMBE R	EP MGMT	Ops	RSM	EOF RAD ASSESS	EOF DOSE ASSESS	OFFSITE MON	OFFSITE TEAM COORD	RAC	TECH DUTY	OSC	COMM	ENC/JIC	SECURITY	ADMIN
Ops Advisor – TSC / F08B ⁴	16											X			
Technical Support Manager (TSM) / F09	3									X					
Company Spokesperson (CS) / G01 ⁵	12												X		
Emergency News Center Manager (ENCM) / G02 ⁵	12												X		
Industry/Government Affairs Coordinator (IGAC) / G05	11												X		
Rumor Control Coordinator (RCC) / G06	11												X		
Media Monitors / G07B	11												X		
Staff Writer Duty / G08A	11												X		
Staff Writer Support / G08B	11												X		
Media Information Line Operator / G09B	11												X		
Lead Technical Advisor (LTA) / G10A	11												X		
Media Technical Advisor (MTA) / G10B	11												X		
Communications Technical Advisor (CTA) / G10C	11												X		
ENC Operation Supervisor (ENCOS) / G11	11												X		
Public Information Liaison (PIL) / G13	11												X		
Security Liaison (TSC)/Security Operations Supervisor-Main Guard House (MGH) / I01 Site Security Coordinator / I-02	17													X	
Security Force Member / I04	13													X	
EOF Communicators EOF1/EOF2 / I05	16											X			
Site Support Staff - OPS Advisor / I05A	16											X			
Administrative Support Manager (ASM) / J01	14														X
Admin Support Staff - Personnel Supv. / J02A	15														X

**PSEG Site
ESP Application
Part 5, Emergency Plan**

**TABLE 16 – 1
EMERGENCY PLAN TRAINING MATRIX
Page 4 of 4**

COURSE/QG ¹ POSITION	QUAL GUIDE (QG) NUMBE R	EP MGMT	OPS	RSM	EOF RAD ASSESS	EOF DOSE ASSESS	OFFSITE MON	OFFSITE TEAM	RAC	TECH DUTY	OSC	COMM	ENC/JIC	SECURITY	ADMIN
Admin Support Staff - Purchasing / J02B	15														X
Admin Support Staff – Administrative / J02D	15														X
Admin Support Staff – Information Technology Support Supervisor / J02E	15														X
Administrative Support Supervisor (ADMSS) / J03	14														X
TSC Administrative Staff / J04	15														X
ENC Administrative Support / J05	11												X		
Audio/Visual Services Coordinator / J06	11												X		
Delaware Offsite Representative / Z03	26	X													

Notes:

- 1 -Key to EP Training qualification guide and training course subject areas
 - 2 -OJT/OJE in accordance with Radiation Protection Program.
 - 3 -Routine system sampling training and high activity sampling is provided as job qualification training for Chemistry.
 - 4 -These positions also require Severe Accident Management Evaluator Training coordinated by Engineering Support Personnel Training Program
 - 5 -These positions also require "ENC Company Spokesperson Training" coordinated by Nuclear Communications
- See next page for training course titles and qualification guide titles.**

**PSEG Site
ESP Application
Part 5, Emergency Plan**

**TABLE 16 - 2
EMERGENCY PLAN COURSE CONTENT DESCRIPTION
Page 1 of 2**

EP Management Duties

- Emergency Plan Overview
- Event Classification Guide
- Emergency Plan Implementing Procedures
- Core Damage Overview

EP SRO Comm/OSC/SM Duties

- Emergency Plan Overview
- Event Classification Guide
- Emergency Plan Implementing Procedures

EOF Radiological Support Manager Duties

- Emergency Plan Overview
- Event Classification Guide
- Emergency Plan Implementing Procedures
- Core Damage Overview

EOF Radiological Assessment Duties

- Emergency Plan Overview
- Emergency Plan Implementing Procedures

EOF Dose Assessment Duties

- Emergency Plan Overview
- Emergency Plan Implementing Procedures
- Use Of Dose Assessment Computer Program

Offsite Field Monitoring Team

- Emergency Plan Overview
- Emergency Plan Implementing Procedures

Offsite Team Coordinator / Field Team Communicator Duties

- Emergency Plan Overview
- Emergency Plan Implementing Procedures

**PSEG Site
ESP Application
Part 5, Emergency Plan**

**TABLE 16 - 2
EMERGENCY PLAN COURSE CONTENT DESCRIPTION
Page 2 of 2**

Radiological Assessment Coordinator (RAC) Duties

- Emergency Plan Overview
- Event Classification Guide
- Emergency Plan Implementing Procedures
- Core Damage Overview

Communicator Duties

- Emergency Plan Overview
- Emergency Plan Implementing Procedures

Operations Support Center Duties

- Emergency Plan Overview
- Emergency Plan Implementing Procedures

Emergency News Center / Joint Information Center (ENC / JIC) Duties

- Emergency Plan Overview
- Emergency Plan Implementing Procedures

Security Duties

- Emergency Plan Overview
- Emergency Plan Implementing Procedures

Administrative Support Duties

- Emergency Plan Overview
- Emergency Plan Implementing Procedures

Technical Duties (EOF or TSC)

- Emergency Plan Overview
- Emergency Plan Implementing Procedures
- Abnormal and Emergency Operating Procedures Overview (TSC only)
- Core Damage (Only required for F06A position F06A position)
Severe Accident Management Eval Training (Only required for F01, F04,
and F08B F01, F04, and F08B positions)