

CONFIDENTIAL

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ATTACHMENT 1  
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Time Counter 6 \_\_\_\_\_  
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DATE: \_\_\_\_\_

TITLE	HOME PHONE	WORK PHONE	PAGER NUMBER	QUOTA	NAME	CALL BACK
Gate Access M. T.				- ONE -	J. C. Brown	_____
Re-entry M. T.				- TWO -	J. Lenhart, Jr. S. D. Koranek	_____ _____
On-Site M. T.				- THREE -	S. G. Hudson G. P. Phair D. L. Montana	_____ _____ _____
Off-Site M. T.				- FIVE -	T. E. Goff E. H. Roach C. H. Griffin R. A. Fynell P. P. Wright	_____ _____ _____ _____ _____
Communicator				- FOUR -	M. J. Warren A. G. Buckersid K. M. Hoffman R. M. Lloyd E. L. Camos	_____ _____ _____ _____ _____
Comm. Cont. Rm.				- ONE -	C. L. Andrews	_____
Dosimetry				- TWO -	T. W. Williams F. S. Kirman	_____ _____
Liquid M. T.				- TWO -	S. E. Cherry W. B. Radford W. D. Sewell	_____ _____ _____
Electrical Engr.				- ONE -	P. G. Rizzo	_____
Mech. Engineer				- ONE -	L. O. Wenger B. C. Rudell	_____ _____
Inst. Maint.				- FOUR -	J. A. Snyder G. O. Murray R. A. Elliott D. P. Butler J. G. Sites	_____ _____ _____ _____ _____
Elect. Maint.				- TWO -	J. F. Deek J. A. Crummeton C. M. Riggsman R. P. Wendy	_____ _____ _____ _____
Mech. Maint.				- ONE -	R. P. Sheranso D. A. Erser R. W. Talley P. M. Bruce	_____ _____ _____ _____
First Aid				- ONE -	D. P. Harnsberger C. W. Crum	_____ _____

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Tape Counter 1 \_\_\_\_\_

DATE: \_\_\_\_\_

**CONFIDENTIAL**

TITLE	HOME PHONE	WORK PHONE	PAGER NUMBER	QUOTA	NAME	CALL BACK
Site Emergency Coordinator				- ONE -	J. A. Tiernan R. E. Denton J. M. Moreira S. E. Jones	_____ _____ _____ _____
Plant Superintendent				- ONE -	L. B. Russell J. T. Carroll R. P. Heibel	_____ _____ _____
Plant Superintendent Assistant				- ONE -	R. L. Wenderlich J. R. Hill J. F. Lohr	_____ _____ _____
Radiation Protection Director				- ONE -	N. L. Millis J. T. Carlson B. A. Watson	_____ _____ _____
Radiological Assessment Director				- THREE -	E. T. Reimer L. J. Smialek K. J. Nietmann A. G. Miranda	_____ _____ _____ _____
Technical Support Center Director				- ONE -	D. W. Latham J. A. Mihalcik M. J. Miernicki	_____ _____ _____
Core Engineers				- ONE -	M. E. Bowman J. P. Steelman	_____ _____
Operational Support Center Director				- ONE -	S. M. Davis C. R. Mahon	_____ _____
Chemistry Director				- ONE -	P. T. Crinigan R. E. Sprecher J. M. Bills	_____ _____ _____
Communicators				- TWO -	L. F. Basso L. L. Weckbaugh	_____ _____
Elect. Engr.				- ONE -	E. R. Bauer	_____
Miscellaneous				- TWO -	A. M. Vogel D. E. Buffington	_____ _____

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CALVERT CLIFFS NUCLEAR POWER PLANT  
EMERGENCY RESPONSE PLAN  
IMPLEMENTATION PROCEDURES

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## TRAINING

### INTRODUCTION

The primary objective of the CCNPP Emergency Response Training Program is to ensure adequate performance of expected functions by responding personnel, during emergency conditions. Personnel assigned to emergency response positions receive initial training through classroom instruction, walk-thru demonstration, etc. Trainee evaluation is based on drill performance and testing of subject matter knowledge, as appropriate.

### I. TRAINING RESPONSIBILITIES

#### I.1 Program Management

The Emergency Planning Unit (EPU) and the Technical Training Unit (TTU) share program management responsibilities.

EPU - Maintains overall responsibility to ensure emergency response training is provided. Specific responsibilities include:

- \* Identification of personnel requiring emergency response training.
- \* Assisting TTU in identification of training needs.
- \* Providing TTU with feedback on training effectiveness and additional training needs.
- \* Preparation of lesson plans for positions instructed by EPU personnel.
- \* Providing instructors for Key Personnel training.
- \* Planning, conducting and evaluating drills and exercises.

TTU - Provides all team training for the program, including off-site support agencies expected to respond during emergencies. Specific responsibilities include:

- \* Identification of training needs.
- \* Provision of instructors for team training.
- \* Preparation of all team lesson plans, handouts, etc.
- \* Identification of training methods to be used.
- \* Documentation of all emergency response training.
- \* Assistance to EPU in controlling/evaluating drills and exercises.



## 1.2 General Employee Training

TTU provides all site personnel with basic emergency response training during General Orientation Training. Emergency response areas covered are:

- Reasons for Emergency Preparedness.
- Plant emergency alarms and their meaning.
- Emergency Assembly Area assignment.
- Evacuation conditions and routes.

## 1.3 Corporate Personnel Training

EPU provides corporate personnel emergency response training. Emergency response areas covered are:

- Alerting and Notification of Recovery Organization.
- Recovery/Emergency Organization interfacing.
- Familiarization with Emergency Facilities.
- Specific procedures applicable to Recovery Organization.

## 1.4 Offsite Support Training

TTU, EPU, and a contractor, Radiation Management Corporation (RMC) provide offsite support emergency response training. Specific training is as follows:

- TTU - Radiation protection principles, site-specific procedures, and security measures are given to fire/rescue personnel.
- EPU - Local government officials and Emergency Operations Center Directors are briefed on Company emergency organization and procedures.
- RMC - Provides medical personnel instruction in handling contaminated injured victims.

## 1.5 Specialized Training

All emergency response personnel are provided specific training on procedures and equipment expected to be used during emergencies, if such actions are not part of their normal day-to-day responsibilities. The specialized areas of emergency response training are categorized in Attachment I.

## 2. TRAINEE EVALUATION

Trainees are primarily evaluated by drill performance. Subject knowledge may be tested through written examination. Criteria for evaluating trainee competencies are as follows:

### 2.1 Performance Evaluation

Drill evaluators appraise trainee actions against a written checklist of objectives. Performance is rated adequate or inadequate. Inadequate ratings require specific explanation of trainee deficiencies.

### 2.2 Subject Knowledge Evaluation

Multiple choice exams developed from lesson plan content may be administered. Individual criteria for passing is at least 80%. Class criteria is 100% successful completion of individual criteria. Personnel scoring less than 80% receive additional remedial training, and are re-tested.

## 3. RECORDKEEPING

TTU maintains all records generated through emergency response training. Training status is tracked by TTU.

### 3.1 Individual Records

Records are maintained on each individual including the following information:

- Name
- Social Security Number
- Course Titles
- Dates

### 3.2 Emergency Position Training Status

Instructors complete class rosters with the following information:

- Class Title
- Description
- Groups Attending
- Names of Attendees

4. LESSON PLANS

Emergency response training lesson plans are prepared for all formally conducted classroom training. Lesson plans are approved by the Supervisor-Emergency Planning, and are reviewed by the instructor for changes prior to each training session.

5. INSTRUCTOR QUALIFICATION

TTU Instructors - Certified on basis of technical knowledge and instructional skills.

EPU Instructors - Qualified on the basis of emergency response procedure knowledge and instructional skills.

6. PROGRAM EVALUATION

Deficiencies are identified during investigation of inadequate trainee performance during drills and exercises. Post-drill critiques during which evaluators and players comment, provide EPU with the basis for determining whether program deficiencies exist. As they are identified, the deficiencies are assigned by EPU to the appropriate group for corrective actions, and are traced on an Open Item listing until resolved.



# ATTACHMENT 1

## TRAINING MATRIX

X - Familiarization; all personnel receive same level.

A - Abbreviated; general knowledge within functional area.

D - Detailed; specific procedural instruction within functional area.

EMERGENCY FUNCTION	EMERGENCY RESPONSE PLAN INTRODUCTION & OVERVIEW	IMMEDIATE EMERGENCY ACTIONS CLASSIFICATION & NOTIFICATION	ONSITE RADIOLOGICAL PROTECTIVE ACTIONS	RADIOLOGICAL MONITORING & CHEMISTRY SAMPLING	RADIOLOGICAL ASSESSMENT & OFFSITE PROTECTIVE ACTIONS	EMERGENCY COMMUNICATION SYSTEMS & RECORDKEEPING	REENTRY & DAMAGE CONTROL	RECOVERY & SUPPORT FUNCTIONS	CORE DAMAGE ASSESSMENT
RECOVERY MANAGER	X	A			A	A		D	
SITE EMERGENCY COORDINATOR	X	D	A	A	A	A	A	A	A
RADIATION ASSESSMENT DIRECTOR	X	A	A	D	D	A			
TECHNICAL SUPPORT CENTER DIRECTOR	X		A	A		A	A	A	D
OPS SUPPORT CENTER DIRECTOR	X		A			A	D		
RADIATION PROTECTION DIRECTOR	A		D		A	A	D		
CHEMISTRY DIRECTOR	X		A			A			
EMER OPERATIONS FACILITY DIRECTOR	X	A	A			D		D	
SUPPORT MANAGER	X					A		A	
OFFSITE TECHNICAL REPRESENTATIVE	X	A	A	A	A	A	A	A	A
ENVIRONMENTAL SERVICES COORDINATOR	X				A	A		A	
RADIATION MONITORING TEAM	X		D	D	A	A	A		
CHEMISTRY SAMPLING TEAM	X		A	D	A				
EMERGENCY COMMUNICATOR	X	A			A	D			
DAMAGE CONTROL TEAM	X		A				D		
REENTRY TEAM	X		A				D		
FIRE, FIRST AID, SECURITY TEAM	X		A						
OFFSITE FIRE & RESCUE	X		A		A				
STATE ASSESSMENT PERSONNEL	X	A			D				
COUNTY CIVIL DEFENSE DIRECTOR	X	A	A		A	A			

ERPIP

3.4

REVIEW/APPROVAL

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CALVERT CLIFFS NUCLEAR POWER PLANT  
EMERGENCY RESPONSE PLAN  
IMPLEMENTATION PROCEDURES.

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VIII. FEDERAL AGENCIES

USNRC		PHONE
Operations Center		
Region I, Office of I&E		
US DEPT. OF ENERGY - REGION I		
Brookhaven Area Office		
US COAST GUARD		
Coast Guard Marine Safety Office		
PATUXENT NAVAL AIR STATION		
Weather Operations		

IX. ANI/INPO

American Nuclear Insurers (ANI)		
Institute of Nuclear Power Operations (INPO)	Telecopier Telecopier Telecopier Verification	

X. CONTRACTORS

COMBUSTION ENGINEERING	WORK PHONE	OFF-DUTY PHONE
Windsor Security Force Windsor Switchboard Ask for R. R. Mills M. A. Michelson		
Resident Manager L. H. Hager		

(CONTRACTORS CONT'D ON FOLLOWING PAGE)

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CATALYTIC	WORK PHONE	OFF-DUTY PHONE
C. A. Brodie J. W. Freeland		

DOSE ASSESSMENT COMPUTER SYSTEM	WORK PHONE	OFF-DUTY PHONE
DAC Activation		
Joel Sidel Mina Lahood Mark Abrams Keith Woodard		

XI. SEISMIC INFORMATION

University of Delaware Mr. Woodruff	
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XII. EMERGENCY BROADCAST STATIONS

CALVERT COUNTY	WORK PHONE	OFF-DUTY PHONE
WMJS-FM 92.7 MHz		

DORCHESTER COUNTY	
WCEI-FM 96.7 MHz 1460 KHz	

ST. MARY'S COUNTY	
WKIK 1370 KHz	

ERPIF A.2 REVIEW/APPROVAL

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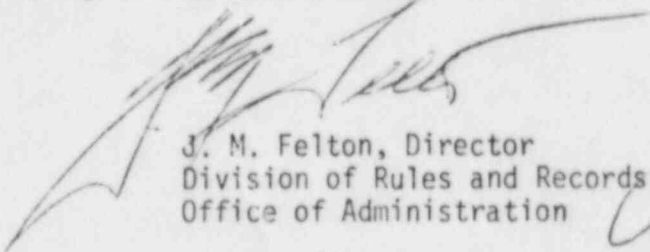
UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

July 9, 1984

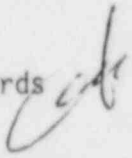
50-317/318 Calvert Cliffs

MEMORANDUM FOR: Chief, Document Management Branch, TIDC  
FROM: Director, Division of Rules and Records, ADM  
SUBJECT: REVIEW OF UTILITY EMERGENCY PLAN DOCUMENTATION

The Division of Rules and Records has reviewed the attached document and has determined that it may now be made publicly available.



J. M. Felton, Director  
Division of Rules and Records  
Office of Administration



Attachment: As stated

TO: *N.R.C. Document Control Desk*

FROM: Vinnie Usi  
Emergency Planning Clerk  
Office/Training Facility  
Calvert Cliffs

DATE: May 2, 1984

Attached you will find Emergency Response Plan Implementation Procedure's Revision(s) to be incorporated into your Emergency Response Plan Implementation Procedures manuals. Please make the necessary corrections to your manuals and return this form signed and dated.

Revision(s) to be incorporated into manuals:

Procedure 4.1.17 Revision 10 Change 4  
new attachment 2 and review/approval page

Procedure 5.4 Revision 9 Complete

Procedure A.2 Revision 2 Change 4  
new page 7 & 8, and review/approval page

*2 copies*

I have incorporated the above listed Revision(s) into my manuals.

Signed \_\_\_\_\_

Date \_\_\_\_\_

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