



ENTERGY

WATERFORD 3 NUCLEAR
TRAINING COURSE
DESCRIPTION
EMERGENCY PLAN
CONTINUING TRAINING

NO: NTC-217
REV: 6
PAGE: 1 OF 9
Rtype: C1.66

Effective date: 4-17-96

PREPARED BY/DATE

YRL 3/21/96

COMMITMENT REVIEW BY/DATE

YRL 3/21/96

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[Signature] 3-20-96

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[Signature] 3-28-96

REVIEWED BY/DATE

[Signature] 4/4/96

APPROVED BY/DATE

[Signature] 4/8/96
TRAINING MANAGER



WATERFORD 3 NUCLEAR
TRAINING COURSE
DESCRIPTION
EMERGENCY PLAN
CONTINUING TRAINING

NO: NTC-217
REV: 6
PAGE: 2 OF 9
Rtype: C1.66

TABLE OF CONTENTS

1.0 OBJECTIVE	2
2.0 PREREQUISITES.....	3
3.0 LENGTH/SCHEDULE	3
4.0 CONTENT	3
4.1. CLASSROOM	3
4.2. ON-THE-JOB TRAINING.....	3
4.3. SIMULATOR/LABORATORY	5
4.4. SUPPLEMENTAL READING	5
5.0 EVALUATION.....	6
6.0 REMEDIAL TRAINING.....	6
7.0 RECORDS.....	6
8.0 COMMITMENTS.....	6



ENTERGY

**WATERFORD 3 NUCLEAR
TRAINING COURSE
DESCRIPTION
EMERGENCY PLAN
CONTINUING TRAINING**

**NO: NTC-217
REV: 6
PAGE: 3 OF 9
Rtype: C1.66**

1.0 OBJECTIVE

The objective of this course is to reinforce the training given to station and corporate personnel who have assigned duties in the Emergency Plan commensurate with their respective responsibilities.

2.0 PREREQUISITES

Successful completion of the appropriate initial Emergency Plan Training for their position.

3.0 LENGTH/SCHEDULE

1. Continuing training shall be scheduled within twelve (12) months, not to exceed 15 months, of the last completion date.
2. Supplemental reading is assigned when pertinent new material and/or revisions are approved, and when deemed necessary by the Technical Training Supervisor and the Emergency Planning Coordinator.

4.0 CONTENT

4.1 CLASSROOM

Each emergency team member shall complete one of the following classes as appropriate to their position or complete the corresponding initial training class as shown in Attachment 1.

1. Assembly Area Supervisor Refresher
2. OSC Manpower Refresher
3. OSC Supervisor Refresher
4. TSC Logkeeper Refresher
5. EOF Logkeeper Refresher
6. OSC Supervisor Communicator Refresher
7. Off-Site Technical Assistant Refresher
8. Nuclear Auxiliary Operator Refresher
9. EOF Communicator Refresher



ENTERGY

**WATERFORD 3 NUCLEAR
TRAINING COURSE
DESCRIPTION
EMERGENCY PLAN
CONTINUING TRAINING**

**NO: NTC-217
REV: 6
PAGE: 4 OF 9
Rtype: C1.66**

10. TSC Communicator Refresher
11. EOF Engineer Refresher
12. TSC Supervisor Refresher
13. TSC Engineer Refresher
14. Technical Representative Refresher
15. Emergency Coordinator Refresher
16. EOF Director Refresher
17. SS/CRS/NPO/Operations Coordinator Emergency Plan Training
Refresher
18. Emergency H. P. Training Refresher
19. Technical Support Center Health Physics Course Refresher
20. Emergency Operations Facility Health Physics Course Refresher
21. Off-Site Technical Advisor Refresher
22. Administration/Logistics Coordinator Refresher
23. Dose Assessment Communicator Refresher
24. E-Plan Security Training Refresher
25. Emergency News Center
26. Emergency Chemistry Refresher
27. TSC Nuclear Engineer Refresher
28. EOF Nuclear Engineer Refresher
29. Entergy System Liaison Refresher
30. Technical Spokesperson Refresher
31. EOF Field Team Communicator Refresher
32. Chemistry Engineer Refresher
33. Emergency Radwaste Training Refresher
34. ENS Communicator Refresher
35. Licensing Coordinator Refresher
36. IT Representative Refresher



WATERFORD 3 NUCLEAR
TRAINING COURSE
DESCRIPTION
EMERGENCY PLAN
CONTINUING TRAINING

NO: NTC-217
REV: 6
PAGE: 5 OF 9
Rtype: C1.66

4.2 ON-THE-JOB TRAINING

Consists of drills, tabletops, and walkthroughs as deemed necessary by the Emergency Planning Coordinator.

4.3 SIMULATOR/LABORATORY

Not Applicable

4.4 SUPPLEMENTAL READING

Should be issued when pertinent new material and/or revisions are approved, and when deemed necessary by the Technical Training Supervisor and the Emergency Planning Coordinator.



WATERFORD 3 NUCLEAR
TRAINING COURSE
DESCRIPTION
EMERGENCY PLAN
CONTINUING TRAINING

NO: NTC-217
REV: 6
PAGE: 6 OF 9
Rtype: C1.66

5.0 EVALUATION

5.1 EXAMINATIONS

1. A comprehensive written exam shall be administered at the end of the course, except for Emergency News Center courses.
2. An overall score of 80% or better is required.

6.0 REMEDIAL TRAINING

1. Remedial training sessions shall be designed on an as needed basis for trainees who do not meet the requirements of Section 5.1.2.
2. The Emergency Planning Coordinator shall be informed of any person not making an overall score of 80% or better.

7.0 RECORDS

Records shall be handled in accordance with NTP-003, Nuclear Operations Training Records.

8.0 COMMITMENTS

P5121	Training and Qualifications of On-Shift Emergency Organization
P7353	Training for Personnel Assigned to Emergency Organization



WATERFORD 3 NUCLEAR
TRAINING COURSE
DESCRIPTION
EMERGENCY PLAN
CONTINUING TRAINING

NO: NTC-217
REV: 6
PAGE: 7 OF 9
Rtype: C1.66

ATTACHMENT 2 (Page 1 of 3)

CLASS	APPLICABLE POSITION
Assembly Area Supervisor	Assembly Area Supervisor
OSC Manpower	Computer Maintenance Electrical Maintenance I & C Maintenance Mechanical Maintenance
OSC IT Representative	IT Representative
OSC Supervisor	OSC Supervisor OSC Supervisor Assistant OSC Maintenance Leads
OSC Supervisor Communicator	OSC Supervisor Communicator
EOF Logkeeper	EOF Logkeeper Administrative Assistant
TSC Logkeeper	TSC Logkeeper
Off-Site Technical Assistant	Off-Site Technical Assistant
Nuclear Auxiliary Operator	Nuclear Auxiliary Operator
EOF Communicator	Communications Coordinator EOF Communicators
TSC Communicator	TSC Lead Communicator TSC Communicators 1 & 2
EOF Engineer	Ops/Eng Coordinator Ops/Eng Coordinator Assistant I & C Engineer Mechanical Engineer Electrical Engineer
TSC Supervisor	TSC Supervisor TSC Supervisor Communicator



WATERFORD 3 NUCLEAR
TRAINING COURSE
DESCRIPTION
EMERGENCY PLAN
CONTINUING TRAINING

NO: NTC-217
REV: 6
PAGE: 8 OF 9
Rtype: C1.66

ATTACHMENT 1 (Page 2 of 3)

CLASS	APPLICABLE POSITION
TSC Engineer	TSC Lead Engineer Electrical Engineer Mechanical Engineer
Technical Representative	State Technical Representative St. John Parish Technical Representative St. Charles Parish Technical Representative
Emergency Coordinator	Emergency Coordinator
EOF Director	EOF Director Deputy EOF Director
SS/CRS/NPO/Operations Coordinator	Operations Coordinator Nuclear Plant Operators Shift Supervisor Control Room Supervisor Operations Communicator Shift Technical Advisor
Emergency HP Training	Radiological Controls Coordinator Radiation Monitoring Team
TSC Health Physics Course	Health Physics Coordinator Health Physics Coordinator Assistant Dose Assessment Coordinator Dose Assessment Coordinator Assistant
EOF Health Physics Course	Radiological Assessment Coordinator RAC Assistant Dose Projection Coordinator Field Team Controller

**ENTERGY**

**WATERFORD 3 NUCLEAR
TRAINING COURSE
DESCRIPTION
EMERGENCY PLAN
CONTINUING TRAINING**

**NO: NTC-217
REV: 6
PAGE: 9 OF 9
Rtype: C1.66**

ATTACHMENT 1 (Page 3 of 3)

CLASS	APPLICABLE POSITION
Off-Site Technical Advisor	Off-Site Technical Advisor
Administration/Logistics Coordinator	Administration/Logistics Coordinator
Dose Assessment Communicator	Dose Assessment Communicator
E-Plan Security Training	Security
Emergency News Center	Emergency News Center Personnel
Emergency Chemistry	Chemistry
TSC Nuclear Engineer	TSC Nuclear Engineer
EOF Nuclear Engineer	EOF Nuclear Engineer
Entergy System Liaison	Entergy System Liaison
Technical Spokesperson	Technical Spokesperson
EOF Field Team Communicator	EOF Field Team Communicator
Chemistry Engineer	Chemistry Engineer
Emergency Radwaste Training	Radwaste Helper
ENS Communicator	ENS Communicator
Licensing Coordinator	Licensing Coordinator

NOTE: Emergency personnel who complete courses that exceed their assigned position's course need not take the course for their position. These positions include, but are not limited to:

1. Radwaste personnel who complete the Emergency HP Training course in lieu of the Emergency Radwaste Training course.

NUCLEAR TRAINING PROCEDURE

EMERGENCY PLAN TRAINING

NO: NTP-203
REV: 2
PAGE: 1 of 5
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PREPARED BY/DATE

Maria Mills 11/8/89

REVIEWED BY/DATE

Dr. Paul J. Egan 11/8/89
EMERGENCY PLANNING

REVIEWED BY/DATE

M. Long 11-16-89
TECHNICAL TRAINING SUPERVISOR

REVIEWED BY/DATE

C. Bonduca 12/5/89
TSD & ADMINISTRATIVE SERVICES MANAGER

APPROVED BY/DATE

J. Phillips 12/11/89
TRAINING MANAGER

CONTENTS

- 1.0 PURPOSE
- 2.0 REFERENCES
- 3.0 DEFINITIONS
- 4.0 RESPONSIBILITIES
- 5.0 PROCEDURE
- 6.0 RECORDS
- 7.0 ATTACHMENTS

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EMERGENCY PLAN TRAINING

1.0 PURPOSE

To ensure all station and corporate personnel and appropriate offsite agencies are trained commensurate with their respective responsibilities. This training supplements the emergency training that the respective departments get from their regular departmental training.

2.0 REFERENCES

- 2.1 Waterford-3 SES Emergency Plan
- 2.2 Waterford-3 SES Emergency Plan Implementing Document
- 2.3 NUREG 0654, FEMA-REP-1, "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plant"
- 2.4 Title 10, Code of Federal Regulations, Part 20, "Standards for Protection Against Radiation"
- 2.5 Title 10, Code of Federal Regulations, Part 50, Appendix E, "Emergency Planning and Preparedness for Production and Utilization Facilities"
- 2.6 Title 10, Code of Federal Regulations, Part 100.10 and .11, "Factors to be Considered When Evaluating Sites and Determination of Exclusion Area, Low Population Zone, and Population Center Distance"
- 2.7 State of Louisiana Peace Time Radiological Response Plan, Revision 1
- 2.8 NTP-003, "Nuclear Operations Training Records"
- 2.9 NTC-216, "Emergency Planning Training Initial"
- 2.10 NTC-217, "Emergency Plan Continuing Training"
- 2.11 NTP-001, "Preparation and Revision of Nuclear Operations Procedures/Course Descriptions"
- 2.12 NTC-219, "Emergency First Aid Team Training"

3.0 DEFINITIONS

- 3.1 Essential Personnel - Those individuals who are assigned and trained to perform emergency duties as outlined within the Waterford-3 SES Emergency Plan.

- 3.2 Annual - Within twelve (12) months, not to exceed 15 months, of the last completion date.

4.0 RESPONSIBILITIES

4.1 Nuclear Operations Training Manager

The Training Manager is responsible for ensuring the development and implementation of the on-site emergency plan training program as delineated by this procedure, Training Manual and the W-3 SES Emergency Plan. /2

4.2 Emergency Coordinator/Emergency Operations Facility Director

The Emergency Coordinator/Emergency Operations Facility Director is responsible for assigning Management personnel to brief Emergency Contract Personnel on their duties and responsibilities.

4.3 Emergency Planning Coordinator

The Emergency Planning Coordinator is responsible for:

4.3.1 Ensuring the technical accuracy of emergency planning training materials.

4.3.2 Informing the Nuclear Operations Training Manager of personnel assigned emergency duties as outlined within the Waterford-3 SES Emergency Plan.

4.3.3 Development and implementation of the off-site Emergency Plan Training program as delineated by this procedure, the Training Manual and the Waterford-3 SES Emergency Plan. /2

4.4 Training Department Supervisors

The Training Department Supervisors are responsible for selecting Instructors based upon their background and experience.

EMERGENCY PLAN TRAINING

5.0 PROCEDURE

- 5.1 Waterford-3 SES Emergency Plan Training - The Emergency Plan Training Program shall be designed to provide training to Waterford-3 SES personnel assigned duties in the Emergency Plan commensurate with their respective responsibilities as described in the Waterford-3 SES Course Description NTC-216, "Emergency Plan Training Initial", NTC-217, "Emergency Plan Continuing Training", and NTC-219, "Emergency First Aid Team Training."
- 5.1.1 Initial Training - Initial training shall be conducted as needed to maintain a qualified Emergency Organization.
- 5.1.2 Continuing Training - Continuing training shall be conducted annually, as needed, to maintain a qualified Emergency Organization.
- 5.1.3 Supplemental Reading - Readings pertaining to Emergency Plan positions are issued upon assignment to the position and when pertinent new material and/or revisions are approved.
- 5.2 Off-Site Agency Emergency Plan Training - The Off-Site Agency Emergency /2 Plan Training shall be conducted in accordance with the Waterford-3 SES /2 Emergency Plan. /2.

6.0 RECORDS

Records shall be handled in accordance with NTP-003, "Nuclear Operations Training Records."

NUCLEAR TRAINING PROCEDURE

NO: NTP-203

REV: 2

PAGE: 5 of 5

RTYPE: C1.65

EMERGENCY PLAN TRAINING

7.0 ATTACHMENTS

NONE



ENTERGY

**WATERFORD 3 NUCLEAR TRAINING
COURSE**

EMERGENCY PLAN TRAINING INITIAL

**NO:
REV:
PAGE:
Rtype:**

**NTC-216
6
1 OF 19
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S. J. 3-26-96

REVIEWED BY/DATE

[Signature] 3-28-96

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TRAINING MANAGER

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TABLE OF CONTENTS

1.0 OBJECTIVES.....	3
2.0 PREREQUISITES.....	3
3.0 LENGTH/SCHEDULE.....	3
4.0 CONTENT.....	4
4.1 CLASSROOM.....	4
4.2 SUPPLEMENTAL READING.....	5
4.3 ON-THE-JOB TRAINING.....	5
4.4 SIMULATOR/LABORATORY TRAINING.....	5
5.0 EVALUATION.....	6
5.1 EXAMINATIONS.....	6
6.0 REMEDIAL TRAINING.....	6
7.0 RECORDS.....	6



ENTERGY

**WATERFORD 3 NUCLEAR TRAINING
COURSE**

EMERGENCY PLAN TRAINING INITIAL

NO:

REV:

PAGE:

Rtype:

NTC-216

6

3 OF 19

C1.66

1.0 OBJECTIVE

The objective of this course is to train station and corporate personnel who have assigned duties in the Emergency Plan commensurate with their respective responsibilities. This training supplements the emergency training that the respective departments get from their regular departmental training.

2.0 PREREQUISITES

GET-1 and GET-2 except Emergency News Center personnel, St. Charles EOC advisors, St. John EOC advisors, State Technical Representatives, Technical Spokespersons, and EOF Personnel.

3.0 LENGTH/SCHEDULE

1. Classroom training is scheduled as needed to keep emergency positions adequately staffed with trained personnel.
2. Supplemental reading is assigned when pertinent new material and/or revisions are approved, and when deemed necessary by the Technical Training Supervisor and the Emergency Planning Coordinator.



ENTERGY

**WATERFORD 3 NUCLEAR TRAINING
COURSE**

EMERGENCY PLAN TRAINING INITIAL

**NO:
REV:
PAGE:
Rtype:**

**NTC-216
6
4 OF 19
C1.66**

4.0 CONTENT

4.1 CLASSROOM

Each emergency team member will complete one of the following classes according to Attachment 2.

1. Assembly Area Supervisor
2. OSC Manpower
3. OSC Supervisor
4. TSC Logkeeper
5. EOF Logkeeper
6. OSC Supervisor Communicator
7. Off-Site Technical Assistant
8. Nuclear Auxiliary Operator
9. EOF Communicator
10. TSC Communicator
11. EOF Engineer
12. TSC Supervisor
13. TSC Engineer
14. Technical Representative
15. Emergency Coordinator
16. EOF Director
17. SS/CRS/NPO/Operations Coordinator Emergency Plan Training
18. Emergency H. P. Training
19. TSC Health Physics Course
20. EOF Health Physics Course
21. Off-Site Technical Advisor
22. Administration/Logistics Coordinator
23. Dose Assessment Communicator
24. E-Plan Security Training
25. Emergency News Center
26. Emergency Chemistry
27. TSC Nuclear Engineer



ENTERGY

**WATERFORD 3 NUCLEAR TRAINING
COURSE**

EMERGENCY PLAN TRAINING INITIAL

**NO:
REV:
PAGE:
Rtype:**

**NTC-216
6
5 OF 19
C1.66**

28. EOF Nuclear Engineer
29. Entergy System Liaison
30. Technical Spokesperson
31. EOF Field Team Communicator
32. Chemistry Engineer
33. Emergency Radwaste Training
34. ENS Communicator
35. Licensing Coordinator
36. OSC IT Representative

4.2 SUPPLEMENTAL READING

1. Readings are supplemental to classroom training for the various emergency positions.
2. Supplemental readings are assigned using Attachment 1 (Supplemental Reading Matrix) and/or as designated by the Emergency Planning Coordinator and Technical Training Supervisor.
3. Supplemental readings should be issued when pertinent new material and/or revisions are approved.

4.3 ON-THE-JOB TRAINING

Consists of drills, table tops, and walkthroughs as deemed necessary by the Emergency Planning Coordinator.

4.4 SIMULATOR/LABORATORY TRAINING

Not Applicable



ENTERGY

**WATERFORD 3 NUCLEAR TRAINING
COURSE**

EMERGENCY PLAN TRAINING INITIAL

**NO:
REV:
PAGE:
Rtype:**

**NTC-216
6
6 OF 19
C1.66**

5.0 EVALUATION

5.1 EXAMINATIONS

1. A comprehensive written exam shall be administered at the end of the course, except Emergency News Center courses.
2. An overall score of 80% or better is required.

6.0 REMEDIAL TRAINING

1. Remedial training sessions shall be designed on an as needed basis for trainees who do not meet the requirements of Section 5.1.2.
2. The Emergency Planning Coordinator shall be informed of any person not making an overall score of 80% or better.

7.0 RECORDS

1. Records shall be handled in accordance with NTP-003, Nuclear Operations Training Records.

8.0 COMMITMENTS

P7482	Training for Emergency Team Personnel
P12775	NRC Notification Requirement
P13297	Training for Radiation Emergency Teams
P14271	STA Training
P20515	NAO Training
P5121	Training for On-Shift Emergency Organization
P7353	Training for Personnel Assigned to the Emergency Organization
P7349	Formal Training for All Site Personnel



ATTACHMENT 1 (Page 1 of 10)
SUPPLEMENTAL READING MATRIX

POSITION	READING										PROCEDURES																			
	EP-1-001	EP-1-010	EP-1-020	EP-1-030	EP-1-040	EP-2-010	EP-2-015	EP-2-030	EP-2-031	EP-2-032	EP-2-033	EP-2-034	EP-2-050	EP-2-051	EP-2-052	EP-2-060	EP-2-061	EP-2-071	EP-2-081	EP-2-090	EP-2-091	EP-2-100	EP-2-101	EP-2-102	EP-2-130	EP-2-140	EP-2-150	EP-2-170	EP-2-190	EP-3-020
EMERGENCY COORDINATOR	X	X	X	X	X	X		X		X				X				X			X				X		X	X		
HEALTH PHYSICS COORDINATOR	X					X		X	X	X	X	X	X	X	X	X	X	X			X				X	X	X	X		
TSC LEAD COMMUNICATOR						X	X														X					X				
TSC SUPERVISOR	X	X	X	X	X														X		X				X	X	X			
SECURITY SUPERINTENDENT																		X	X						X	X	X			
OPERATIONS COORDINATOR	X	X	X	X	X									X						X	X					X	X	X		
HEALTH PHYSICS COORD. ASST.	X					X		X	X	X	X	X	X	X	X	X	X	X			X				X	X	X	X		
DOSE ASSESSMENT COORDINATOR	X					X							X	X	X	X	X				X					X				
RADIOLOGICAL CONTROLS COORD.								X	X	X	X	X			X	X						X			X	X	X			
DAC COMMUNICATOR															X	X					X					X				
DOSE ASSESSMENT COORD. ASST.	X					X							X	X	X	X	X				X					X				
MONITORING TEAMS								X	X	X	X	X			X	X						X		X		X	X	X		
TSC LEAD ENGINEER	X													X					X		X					X		X		
TSC NUCLEAR ENGINEER	X																		X		X					X		X		
TSC ELECTRICAL ENGINEER	X																					X				X		X		



ENTERGY

**WATERFORD 3 NUCLEAR TRAINING
COURSE
EMERGENCY PLAN TRAINING INITIAL**

**NO:
REV:
PAGE:
Rtype:**

**NTC-216
6
8 OF 19
C1.65**

**ATTACHMENT 1 (Page 2 of 10)
SUPPLEMENTAL READING MATRIX**

READING	PROCEDURES															
	EP-3-030	EP-3-040	EP-3-050	EP-3-060	EP-3-070	EP-4-010	EP-4-015	EP-4-020	EP-1-020	UNT-7-018	M6-101	SSI-451	M6-102			
POSITION																
EMERGENCY COORDINATOR				X	X	X		X	X	X		X				
HEALTH PHYSICS COORDINATOR			X								X	X				
TSC LEAD COMMUNICATOR			X					X	X	X		X				
TSC SUPERVISOR			X		X	X					X	X				
SECURITY SUPERINTENDENT			X								X	X				
OPERATIONS COORDINATOR			X		X	X					X	X				
HEALTH PHYSICS COORD. ASST.			X								X	X				
DOSE ASSESSMENT COORDINATOR			X								X	X				
RADIOLOGICAL CONTROLS COORD.			X								X	X				
DAC COMMUNICATOR			X								X	X				
DOSE ASSESSMENT COORD. ASST.			X								X	X				
MONITORING TEAMS			X							X	X	X				
TSC LEAD ENGINEER			X								X	X				
TSC NUCLEAR ENGINEER			X								X	X				
TSC ELECTRICAL ENGINEER			X								X	X				

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ENTERGY

**WATERFORD 3 NUCLEAR TRAINING
COURSE**

EMERGENCY PLAN TRAINING INITIAL

**NO:
REV:
PAGE:
Rtype:**

**NTC-216
6
9 OF 19
C1.66**

**ATTACHMENT 1 (Page 3 of 10)
SUPPLEMENTAL READING MATRIX**

READING		PROCEDURES																													
POSITION		EP-1-001	EP-1-010	EP-1-020	EP-1-030	EP-1-040	EP-2-010	EP-2-015	EP-2-030	EP-2-031	EP-2-032	EP-2-033	EP-2-034	EP-2-050	EP-2-051	EP-2-052	EP-2-060	EP-2-061	EP-2-071	EP-2-081	EP-2-090	EP-2-091	EP-2-100	EP-2-101	EP-2-102	EP-2-130	EP-2-140	EP-2-150	EP-2-170	EP-2-190	EP-3-020
TSC MECHANICAL ENGINEER	X																					X						X		X	
CHEMISTRY ENGINEER	X																				X	X						X		X	
OSC SUPERVISOR																		X	X					X		X	X	X	X	X	X
OSC MAINTENANCE LEADS																		X	X					X		X	X	X	X	X	X
OSC SUPERVISOR COMMUNICATOR																								X				X		X	
ASSEMBLY AREA SUPERVISOR																		X						X						X	
TSC SUPERVISOR COMMUNICATOR																							X					X		X	
OPERATIONS COMMUNICATOR	X																						X					X		X	
TSC COMMUNICATOR 1&2							X	X															X					X		X	
TSC LOGKEEPER																							X					X		X	
SECURITY SHIFT SUPERVISOR																			X	X							X			X	
SHIFT SUPERVISOR	X	X	X	X	X	X	X		X		X	X	X	X	X	X	X		X								X			X	
CONTROL ROOM SUPERVISOR	X	X	X	X	X	X	X		X		X	X	X	X	X	X	X		X								X			X	
NUCLEAR PLANT OPERATOR	X						X	X						X													X			X	
NUCLEAR AUXILIARY OPERATOR								X	X					X													X			X	

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K:\WTC\WTC216.DOC



ENTERGY

**WATERFORD 3 NUCLEAR TRAINING
COURSE**

EMERGENCY PLAN TRAINING INITIAL

**NO:
REV:
PAGE:
Rtype:**

**NTC-216
6
10 OF 19
C1.66**

**ATTACHMENT 1 (Page 4 of 10)
SUPPLEMENTAL READING MATRIX**

READING	PROCEDURES															
	EP-3-030	EP-3-040	EP-3-050	EP-3-060	EP-3-070	EP-4-010	EP-4-015	EP-4-020	EP-1-020	UNIT-7-01P	M6-101	SS1-451	M6-102			
POSITION																
TSC MECHANICAL ENGINEER			X							X	X					
CHEMISTRY ENGINEER			X							X	X					
OSC SUPERVISOR			X							X	X					
OSC MAINTENANCE LEADS			X							X	X					
OSC SUPERVISOR COMMUNICATOR			X							X	X					
ASSEMBLY AREA SUPERVISOR			X							X	X					
TSC SUPERVISOR COMMUNICATOR			X							X	X					
OPERATIONS COMMUNICATOR			X							X	X					
TSC COMMUNICATOR 1&2			X						X X X	X	X					
TSC LOGKEEPER			X							X	X					
SECURITY SHIFT SUPERVISOR			X							X	X					
SHIFT SUPERVISOR			X		X X		X X X		X X X	X	X					
CONTROL ROOM SUPERVISOR			X		X X		X X X		X X X	X	X					
NUCLEAR PLANT OPERATOR			X		X X		X X X		X X X	X	X					
NUCLEAR AUXILIARY OPERATOR			X						X X X	X	X					

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**WATERFORD 3 NUCLEAR TRAINING
COURSE
EMERGENCY PLAN TRAINING INITIAL**

**NO:
REV:
PAGE:
Rtype:**

**NTC-216
6
11 OF 19
C1.66**

**ATTACHMENT 1 (Page 5 of 10)
SUPPLEMENTAL READING MATRIX**

READING	PROCEDURES																			
	EP-1-001	EP-1-010	EP-1-020	EP-1-030	EP-1-040	EP-2-010	EP-2-015	EP-2-030	EP-2-031	EP-2-032	EP-2-033	EP-2-034	EP-2-050	EP-2-051	EP-2-052	EP-2-060	EP-2-061	EP-2-071	EP-2-081	EP-2-090
POSITION																				
SHIFT TECHNICAL ADVISOR	X					X						X	X							X
CHEMISTRY																		X	X	X
COMPUTER MAINTENANCE																			X	
ELECTRICAL MAINTENANCE																			X	X
I & C MAINTENANCE																			X	X
MECHANICAL MAINTENANCE																			X	X
RADWASTE HELPER																X	X		X	
IT REPRESENTATIVE																			X	X
EOF DIRECTOR	X	X	X	X	X			X			X			X						X
DEPUTY EOF DIRECTOR	X	X	X	X	X			X			X			X						X
RADIOLOGICAL ASSESSMENT COORD.	X					X	X	X	X	X	X	X	X	X	X				X	X
RAD. ASSESSMENT COORD. ASST.	X					X	X	X	X	X	X	X	X	X	X				X	X
FIELD TEAM COMMUNICATOR																X	X		X	
FIELD TEAM CONTROLLER	X					X	X	X	X	X	X	X	X	X	X				X	X
DOSE PROJECTION COORDINATOR	X					X				X	X	X	X	X	X				X	
ADMINISTRATION/ LOGISTICS COORD.																			X	X

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**WATERFORD 3 NUCLEAR TRAINING
COURSE
EMERGENCY PLAN TRAINING INITIAL**

**NO: NTC-216
REV: 6
PAGE: 12 OF 19
Rtype: C1.66**

**ATTACHMENT 1 (Page 6 of 10)
SUPPLEMENTAL READING MATRIX**

READING	PROCEDURES															
	EP-3-030	EP-3-040	EP-3-050	EP-3-060	EP-3-070	EP-4-010	EP-4-015	EP-4-020	EP-1-020	UM-7-010	W6-101	SS1-451	W6-102			
POSITION																
SHIFT TECHNICAL ADVISOR			X		X					X		X				
CHEMISTRY			X							X	X	X				
COMPUTER MAINTENANCE			X							X		X				
ELECTRICAL MAINTENANCE			X							X		X				
I & C MAINTENANCE			X							X		X				
MECHANICAL MAINTENANCE			X							X		X				
RADWASTE HELPER			X							X		X				
IS REPRESENTATIVE			X							X		X				
EOF DIRECTOR			X				X			X		X				
DEPUTY EOF DIRECTOR			X				X			X		X				
RADIOLOGICAL ASSESSMENT COORD.			X				X			X		X				
RAD. ASSESSMENT COORD. ASST.			X				X			X		X				
FIELD TEAM COMMUNICATOR			X				X			X		X				
FIELD TEAM CONTROLLER			X				X			X		X				
DOSE PROJECTION COORDINATOR			X				X			X		X				
ADMINISTRATION/ LOGISTICS COORD.			X				X			X		X				

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**WATERFORD 3 NUCLEAR TRAINING
COURSE**

EMERGENCY PLAN TRAINING INITIAL

**NO:
REV:
PAGE:
Rtype:**

**NTC-216
6
13 OF 19
C1.66**

**ATTACHMENT 1 (Page 7 of 10)
SUPPLEMENTAL READING MATRIX**

READING						PROCEDURES																									
	EP-1-001	EP-1-010	EP-1-020	EP-1-030	EP-1-040	EP-2-010	EP-2-015	EP-2-030	EP-2-031	EP-2-032	EP-2-033	EP-2-034	EP-2-050	EP-2-051	EP-2-052	EP-2-060	EP-2-061	EP-2-071	EP-2-081	EP-2-090	EP-2-091	EP-2-100	EP-2-101	EP-2-102	EP-2-130	EP-2-140	EP-2-150	EP-2-170	EP-2-190	EP-2-200	
POSITION																															
OPERATIONS/ ENGINEERING COORDINATOR	X	X	X	X	X									X					X					X			X	X			
OPERATOR AG. COORD. ASST.	X	X	X	X	X									X					X					X			X	X			
COMMUNICATIONS COORDINATOR							X	X																X			X	X			
EOF COMMUNICATORS						X	X																	X			X	X			
ADMINISTRATIVE ASSISTANT																								X			X				
EOF LOGKEEPER																								X			X				
EOF I & C ENGINEER	X																							X			X				
EOF NUCLEAR ENGINEER	X																		X					X			X				
EOF MECHANICAL ENGINEER	X																							X			X				
EOF ELECTRICAL ENGINEER	X																							X			X				
LICENSING COORDINATOR	X					X								X										X			X	X			
OFFSITE TECHNICAL ADVISOR	X					X								X										X			X				
ST. CHARLES PARISH TECH. REP.	X					X								X																	
ST. JOHN PARISH TECH. REP.	X					X								X																	
TECHNICAL SPOKESPERSON	X					X								X																	

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**WATERFORD 3 NUCLEAR TRAINING
COURSE**

EMERGENCY PLAN TRAINING INITIAL

**NO:
REV:
PAGE:
Rtype:**

**NTC-216
6
14 OF 19
C1.66**

**ATTACHMENT 1 (Page 8 of 10)
SUPPLEMENTAL READING MATRIX**

POSITION	READING										PROCEDURES																	
	EP-3-030	EP-3-040	EP-3-050	EP-3-060	EP-3-070	EP-4-010	EP-4-015	EP-4-020	FP-1-020	UNIT-7-018	M6-101	SSI-451	M6-102															
OPERATIONS/ ENGINEERING COORD.				X			X				X		X															
OPERATIONS/ENG. COORD. ASST.				X			X				X		X															
COMMUNICATIONS COORDINATOR				X			X				X		X															
EOF COMMUNICATORS				X			X				X		X															
ADMINISTRATIVE ASSISTANT				X			X				X		X															
EOF LOGKEEPER				X			X				X		X															
EOF I & C ENGINEER				X			X				X		X															
EOF NUCLEAR ENGINEER				X			X				X		X															
EOF MECHANICAL ENGINEER				X			X				X		X															
EOF ELECTRICAL ENGINEER				X			X				X		X															
LICENSING COORDINATOR				X			X				X		X															
OFFSITE TECHNICAL ADVISOR				X			X				X		X															
ST. CHARLES PARISH TECH. REP.				X									X															
ST. JOHN PARISH TECH. REP.				X									X															
TECHNICAL SPONSORPERSON				X			X				X		X															

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EMERGENCY PLAN TRAINING INITIAL

NTC-216
6
15 OF 19
C1.66



EMERGENCY PLAN TRAINING INITIAL

NTC-216
6
16 OF 19
C1.66

K:\WTC\WTC216.DOC



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**WATERFORD 3 NUCLEAR TRAINING
COURSE**

EMERGENCY PLAN TRAINING INITIAL

**NO:
REV:
PAGE:
Rtype:**

**NTC-216
6
17 OF 19
C1.66**

ATTACHMENT 2 (Page 1 of 3)

CLASS	APPLICABLE POSITION
Assembly Area Supervisor	Assembly Area Supervisor
OSC Manpower	Computer Maintenance Electrical Maintenance I & C Maintenance Mechanical Maintenance
OSC IT Representative	IT Representative
OSC Supervisor	OSC Supervisor OSC Supervisor Assistant OSC Maintenance Leads
OSC Supervisor Communicator	OSC Supervisor Communicator
EOF Logkeeper	EOF Logkeeper Administrative Assistant
TSC Logkeeper	TSC Logkeeper
Off-Site Technical Assistant	Off-Site Technical Assistant
Nuclear Auxiliary Operator	Nuclear Auxiliary Operator
EOF Communicator	Communications Coordinator EOF Communicators
TSC Communicator	TSC Lead Communicator TSC Communicators 1 & 2
EOF Engineer	Ops/Eng Coordinator Ops/Eng Coordinator Assistant I & C Engineer Mechanical Engineer Electrical Engineer
TSC Supervisor	TSC Supervisor TSC Supervisor Communicator

**ENTERGY****WATERFORD 3 NUCLEAR TRAINING
COURSE****EMERGENCY PLAN TRAINING INITIAL****NO:
REV:
PAGE:
Rtype:****NTC-216
6
18 OF 19
C1.66****ATTACHMENT 2 (Page 2 of 3)**

CLASS	APPLICABLE POSITION
TSC Engineer	TSC Lead Engineer Electrical Engineer Mechanical Engineer
Technical Representative	State Technical Representative St. John Parish Technical Representative St. Charles Parish Technical Representative
Emergency Coordinator	Emergency Coordinator
EOF Director	EOF Director Deputy EOF Director
SS/CRS/NPO/Operations Coordinator	Operations Coordinator Nuclear Plant Operators Shift Supervisor Control Room Supervisor Operations Communicator Shift Technical Advisor
Emergency HP Training	Radiological Controls Coordinator Radiation Monitoring Team
TSC Health Physics Course	Health Physics Coordinator Health Physics Coordinator Assistant Dose Assessment Coordinator Dose Assessment Coordinator Assistant
EOF Health Physics Course	Radiological Assessment Coordinator RAC Assistant Dose Projection Coordinator Field Team Controller
Off-Site Technical Advisor	Off-Site Technical Advisor
Administration/Logistics Coordinator	Administration/Logistics Coordinator



WATERFORD 3 NUCLEAR TRAINING
COURSE

EMERGENCY PLAN TRAINING INITIAL

NO:
REV:
PAGE:
Rtype:

NTC-216
6
19 OF 19
C1.66

ATTACHMENT 2 (Page 3 of 3)

CLASS	APPLICABLE POSITION
Dose Assessment Communicator	Dose Assessment Communicator
E-Plan Security Training	Security
Emergency News Center	Emergency News Center Personnel
Emergency Chemistry	Chemistry
TSC Nuclear Engineer	TSC Nuclear Engineer
EOF Nuclear Engineer	EOF Nuclear Engineer
Entergy System Liaison	Entergy System Liaison
Technical Spokesperson	Technical Spokesperson
EOF Field Team Communicator	EOF Field Team Communicator
Chemistry Engineer	Chemistry Engineer
Emergency Radwaste Training	Radwaste Helper
ENS Communicator	ENS Communicator
Licensing Coordinator	Licensing Coordinator

NOTE: Emergency personnel who complete courses that exceed their assigned position's course need not take the course for their position. These positions include, but are not limited to:

1. Radwaste personnel who complete the Emergency HP Training course in lieu of the Emergency Radwaste Training course.



ENTERGY

WATERFORD 3 NUCLEAR
TRAINING COURSE
DESCRIPTION
EMERGENCY PLAN
CONTINUING TRAINING

NO: NTC-217
REV: 6
PAGE: 1 OF 9
Rtype: C1.66

Effective date: 4-17-96

PREPARED BY/DATE

Y. N. 3/21/96

COMMITMENT REVIEW BY/DATE

Y. N. 3/21/96

REVIEWED BY/DATE

[Signature] 3-20-96

REVIEWED BY/DATE

[Signature] 3-28-96

REVIEWED BY/DATE

[Signature] 4/4/96

APPROVED BY/DATE

[Signature] 4/8/96
TRAINING MANAGER

6/1/96



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**WATERFORD 3 NUCLEAR
TRAINING COURSE
DESCRIPTION
EMERGENCY PLAN
CONTINUING TRAINING**

**NO: NTC-217
REV: 6
PAGE: 2 OF 9
Rtype: C1.66**

TABLE OF CONTENTS

1.0 OBJECTIVE	2
2.0 PREREQUISITES.....	3
3.0 LENGTH/SCHEDULE	3
4.0 CONTENT	3
4.1. CLASSROOM	3
4.2. ON-THE-JOB TRAINING....	3
4.3. SIMULATOR/LABORATORY	5
4.4. SUPPLEMENTAL READING	5
5.0 EVALUATION.....	6
6.0 REMEDIAL TRAINING...	6
7.0 RECORDS.....	6
8.0 COMMITMENTS.....	6



**WATERFORD 3 NUCLEAR
TRAINING COURSE
DESCRIPTION
EMERGENCY PLAN
CONTINUING TRAINING**

**NO: NTC-217
REV: 6
PAGE: 3 OF 9
Rtype: C1.66**

1.0 OBJECTIVE

The objective of this course is to reinforce the training given to station and corporate personnel who have assigned duties in the Emergency Plan commensurate with their respective responsibilities.

2.0 PREREQUISITES

Successful completion of the appropriate initial Emergency Plan Training for their position.

3.0 LENGTH/SCHEDULE

1. Continuing training shall be scheduled within twelve (12) months, not to exceed 15 months, of the last completion date.
2. Supplemental reading is assigned when pertinent new material and/or revisions are approved, and when deemed necessary by the Technical Training Supervisor and the Emergency Planning Coordinator.

4.0 CONTENT

4.1 CLASSROOM

Each emergency team member shall complete one of the following classes as appropriate to their position or complete the corresponding initial training class as shown in Attachment 1.

1. Assembly Area Supervisor Refresher
2. OSC Manpower Refresher
3. OSC Supervisor Refresher
4. TSC Logkeeper Refresher
5. EOF Logkeeper Refresher
6. OSC Supervisor Communicator Refresher
7. Off-Site Technical Assistant Refresher
8. Nuclear Auxiliary Operator Refresher
9. EOF Communicator Refresher



ENTERGY

**WATERFORD 3 NUCLEAR
TRAINING COURSE
DESCRIPTION
EMERGENCY PLAN
CONTINUING TRAINING**

**NO: NTC-217
REV: 6
PAGE: 4 OF 9
Rtype: C1.66**

10. TSC Communicator Refresher
11. EOF Engineer Refresher
12. TSC Supervisor Refresher
13. TSC Engineer Refresher
14. Technical Representative Refresher
15. Emergency Coordinator Refresher
16. EOF Director Refresher
17. SS/CRS/NPO/Operations Coordinator Emergency Plan Training
Refresher
18. Emergency H. P. Training Refresher
19. Technical Support Center Health Physics Course Refresher
20. Emergency Operations Facility Health Physics Course Refresher
21. Off-Site Technical Advisor Refresher
22. Administration/Logistics Coordinator Refresher
23. Dose Assessment Communicator Refresher
24. E-Plan Security Training Refresher
25. Emergency News Center
26. Emergency Chemistry Refresher
27. TSC Nuclear Engineer Refresher
28. EOF Nuclear Engineer Refresher
29. Entergy System Liaison Refresher
30. Technical Spokesperson Refresher
31. EOF Field Team Communicator Refresher
32. Chemistry Engineer Refresher
33. Emergency Radwaste Training Refresher
34. ENS Communicator Refresher
35. Licensing Coordinator Refresher
36. IT Representative Refresher



ENTERGY

**WATERFORD 3 NUCLEAR
TRAINING COURSE
DESCRIPTION
EMERGENCY PLAN
CONTINUING TRAINING**

**NO: NTC-217
REV: 6
PAGE: 5 OF 9
Rtype: C1.66**

4.2 ON-THE-JOB TRAINING

Consists of drills, tabletops, and walkthroughs as deemed necessary by the Emergency Planning Coordinator.

4.3 SIMULATOR/LABORATORY

Not Applicable

4.4 SUPPLEMENTAL READING

Should be issued when pertinent new material and/or revisions are approved, and when deemed necessary by the Technical Training Supervisor and the Emergency Planning Coordinator.



WATERFORD 3 NUCLEAR
TRAINING COURSE
DESCRIPTION
EMERGENCY PLAN
CONTINUING TRAINING

NO: NTC-217
REV: 6
PAGE: 6 OF 9
Rtype: C1.66

5.0 EVALUATION

5.1 EXAMINATIONS

1. A comprehensive written exam shall be administered at the end of the course, except for Emergency News Center courses.
2. An overall score of 80% or better is required.

6.0 REMEDIAL TRAINING

1. Remedial training sessions shall be designed on an as needed basis for trainees who do not meet the requirements of Section 5.1.2.
2. The Emergency Planning Coordinator shall be informed of any person not making an overall score of 80% or better.

7.0 RECORDS

Records shall be handled in accordance with NTP-003, Nuclear Operations Training Records.

8.0 COMMITMENTS

P5121	Training and Qualifications of On-Shift Emergency Organization
P7353	Training for Personnel Assigned to Emergency Organization



ENTERGY

**WATERFORD 3 NUCLEAR
TRAINING COURSE
DESCRIPTION
EMERGENCY PLAN
CONTINUING TRAINING**

**NO: NTC-217
REV: 6
PAGE: 7 OF 9
Rtype: C1.66**

ATTACHMENT 2 (Page 1 of 3)

CLASS	APPLICABLE POSITION
Assembly Area Supervisor	Assembly Area Supervisor
OSC Manpower	Computer Maintenance Electrical Maintenance I & C Maintenance Mechanical Maintenance
OSC IT Representative	IT Representative
OSC Supervisor	OSC Supervisor OSC Supervisor Assistant OSC Maintenance Leads
OSC Supervisor Communicator	OSC Supervisor Communicator
EOF Logkeeper	EOF Logkeeper Administrative Assistant
TSC Logkeeper	TSC Logkeeper
Off-Site Technical Assistant	Off-Site Technical Assistant
Nuclear Auxiliary Operator	Nuclear Auxiliary Operator
EOF Communicator	Communications Coordinator EOF Communicators
TSC Communicator	TSC Lead Communicator TSC Communicators 1 & 2
EOF Engineer	Ops/Eng Coordinator Ops/Eng Coordinator Assistant I & C Engineer Mechanical Engineer Electrical Engineer
TSC Supervisor	TSC Supervisor TSC Supervisor Communicator



ENTERGY

**WATERFORD 3 NUCLEAR
TRAINING COURSE
DESCRIPTION
EMERGENCY PLAN
CONTINUING TRAINING**

**NO:
REV:
PAGE:
Rtype:**

**NTC-217
6
8 OF 9
C1.66**

ATTACHMENT 1 (Page 2 of 3)

CLASS	APPLICABLE POSITION
TSC Engineer	TSC Lead Engineer Electrical Engineer Mechanical Engineer
Technical Representative	State Technical Representative St. John Parish Technical Representative St. Charles Parish Technical Representative
Emergency Coordinator	Emergency Coordinator
EOF Director	EOF Director Deputy EOF Director
SS/CRS/NPO/Operations Coordinator	Operations Coordinator Nuclear Plant Operators Shift Supervisor Control Room Supervisor Operations Communicator Shift Technical Advisor
Emergency HP Training	Radiological Controls Coordinator Radiation Monitoring Team
TSC Health Physics Course	Health Physics Coordinator Health Physics Coordinator Assistant Dose Assessment Coordinator Dose Assessment Coordinator Assistant
EOF Health Physics Course	Radiological Assessment Coordinator RAC Assistant Dose Projection Coordinator Field Team Controller



WATERFORD 3 NUCLEAR
TRAINING COURSE
DESCRIPTION
EMERGENCY PLAN
CONTINUING TRAINING

NO: NTC-217
REV: 6
PAGE: 9 OF 9
Rtype: C1.66

ATTACHMENT 1 (Page 3 of 3)

CLASS	APPLICABLE POSITION
Off-Site Technical Advisor	Off-Site Technical Advisor
Administration/Logistics Coordinator	Administration/Logistics Coordinator
Dose Assessment Communicator	Dose Assessment Communicator
E-Plan Security Training	Security
Emergency News Center	Emergency News Center Personnel
Emergency Chemistry	Chemistry
TSC Nuclear Engineer	TSC Nuclear Engineer
EOF Nuclear Engineer	EOF Nuclear Engineer
Entergy System Liaison	Entergy System Liaison
Technical Spokesperson	Technical Spokesperson
EOF Field Team Communicator	EOF Field Team Communicator
Chemistry Engineer	Chemistry Engineer
Emergency Radwaste Training	Radwaste Helper
ENS Communicator	ENS Communicator
Licensing Coordinator	Licensing Coordinator

NOTE: Emergency personnel who complete courses that exceed their assigned position's course need not take the course for their position. These positions include, but are not limited to:

1. Radwaste personnel who complete the Emergency HP Training course in lieu of the Emergency Radwaste Training course.

NUCLEAR TRAINING PROCEDURE

EMERGENCY PLAN TRAINING

NO: NTP-203
REV: 2
PAGE: 1 of 5
RTYPE: C1.65

PREPARED BY/DATE

Maria Miller 11/8/89

REVIEWED BY/DATE

Dr. Fred J. Egan 11/8/89
EMERGENCY PLANNING

REVIEWED BY/DATE

M. Long 11-16-89
TECHNICAL TRAINING SUPERVISOR

REVIEWED BY/DATE

C. Bonduca 12/5/89
TSD & ADMINISTRATIVE SERVICES MANAGER

APPROVED BY/DATE

Cheryl Smith 12/11/89
TRAINING MANAGER

CONTENTS

- 1.0 PURPOSE
- 2.0 REFERENCES
- 3.0 DEFINITIONS
- 4.0 RESPONSIBILITIES
- 5.0 PROCEDURE
- 6.0 RECORDS
- 7.0 ATTACHMENTS

NUCLEAR TRAINING PROCEDURE

EMERGENCY PLAN TRAINING

NO: NTP-203
REV: 2
PAGE: 2 of 5
RTYPE: C1.65

1.0 PURPOSE

To ensure all station and corporate personnel and appropriate offsite agencies are trained commensurate with their respective responsibilities. This training supplements the emergency training that the respective departments get from their regular departmental training.

2.0 REFERENCES

- 2.1 Waterford-3 SES Emergency Plan
- 2.2 Waterford-3 SES Emergency Plan Implementing Document
- 2.3 NUREG 0654, FEMA-REP-1, "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plant"
- 2.4 Title 10, Code of Federal Regulations, Part 20, "Standards for Protection Against Radiation"
- 2.5 Title 10, Code of Federal Regulations, Part 50, Appendix E, "Emergency Planning and Preparedness for Production and Utilization Facilities"
- 2.6 Title 10, Code of Federal Regulations, Part 100.10 and .11, "Factors to be Considered When Evaluating Sites and Determination of Exclusion Area, Low Population Zone, and Population Center Distance"
- 2.7 State of Louisiana Peace Time Radiological Response Plan, Revision 1
- 2.8 NTP-003, "Nuclear Operations Training Records"
- 2.9 NTC-216, "Emergency Planning Training Initial"
- 2.10 NTC-217, "Emergency Plan Continuing Training"
- 2.11 NTP-001, "Preparation and Revision of Nuclear Operations Procedures/Course Descriptions"
- 2.12 NTC-219, "Emergency First Aid Team Training"

3.0 DEFINITIONS

- 3.1 Essential Personnel - Those individuals who are assigned and trained to perform emergency duties as outlined within the Waterford-3 SES Emergency Plan.

NUCLEAR TRAINING PROCEDURE

EMERGENCY PLAN TRAINING

NO: NTP-203
REV: 2
PAGE: 3 of 5
RTYPE: C1.65

- 3.2 Annual - Within twelve (12) months, not to exceed 15 months, of the last completion date.

4.0 RESPONSIBILITIES

4.1 Nuclear Operations Training Manager

The Training Manager is responsible for ensuring the development and implementation of the on-site emergency plan training program as delineated by this procedure, Training Manual and the W-3 SES Emergency Plan. /2

4.2 Emergency Coordinator/Emergency Operations Facility Director

The Emergency Coordinator/Emergency Operations Facility Director is responsible for assigning Management personnel to brief Emergency Contract Personnel on their duties and responsibilities. /2

4.3 Emergency Planning Coordinator

The Emergency Planning Coordinator is responsible for:

- 4.3.1 Ensuring the technical accuracy of emergency planning training materials.
- 4.3.2 Informing the Nuclear Operations Training Manager of personnel assigned emergency duties as outlined within the Waterford-3 SES Emergency Plan.
- 4.3.3 Development and implementation of the off-site Emergency Plan Training program as delineated by this procedure, the Training Manual and the Waterford-3 SES Emergency Plan. /2

4.4 Training Department Supervisors

The Training Department Supervisors are responsible for selecting Instructors based upon their background and experience.

NUCLEAR TRAINING PROCEDURE

EMERGENCY PLAN TRAINING

NO: NTP-203
REV: 2
PAGE: 4 of 5
RTYPE: C1.65

5.0 PROCEDURE

- 5.1 Waterford-3 SES Emergency Plan Training - The Emergency Plan Training Program shall be designed to provide training to Waterford-3 SES personnel assigned duties in the Emergency Plan commensurate with their respective responsibilities as described in the Waterford-3 SES Course Description NTC-216, "Emergency Plan Training Initial", NTC-217, "Emergency Plan Continuing Training", and NTC-219, "Emergency First Aid Team Training."
- 5.1.1 Initial Training - Initial training shall be conducted as needed to maintain a qualified Emergency Organization.
- 5.1.2 Continuing Training - Continuing training shall be conducted annually, as needed, to maintain a qualified Emergency Organization.
- 5.1.3 Supplemental Reading - Readings pertaining to Emergency Plan positions are issued upon assignment to the position and when pertinent new material and/or revisions are approved.
- 5.2 Off-Site Agency Emergency Plan Training - The Off-Site Agency Emergency Plan Training shall be conducted in accordance with the Waterford-3 SES Emergency Plan. /2

6.0 RECORDS

Records shall be handled in accordance with NTP-003, "Nuclear Operations Training Records."

NUCLEAR TRAINING PROCEDURE

NO: NTP-203

REV: 2

PAGE: 5 of 5

RTYPE: C1.65

EMERGENCY PLAN TRAINING

7.0 ATTACHMENTS

NONE



ENTERGY

WATERFORD 3 NUCLEAR TRAINING
COURSE

EMERGENCY PLAN TRAINING INITIAL

NO:
REV:
PAGE:
Rtype:

NTC-216
6
1 OF 19
C1.66

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Y. Z. K. 3/21/96

COMMITMENT REVIEW BY/DATE

Y. Z. K. 3/21/96

REVIEWED BY/DATE

[Signature] 3-26-96

REVIEWED BY/DATE

[Signature] 3-28-96

REVIEWED BY/DATE

[Signature] 4/4/96

APPROVED BY/DATE

[Signature] 4/8/96
TRAINING MANAGER



ENTERGY

**WATERFORD 3 NUCLEAR TRAINING
COURSE
EMERGENCY PLAN TRAINING INITIAL**

**NO:
REV:
PAGE:
Rt, pe:**

**NTC-216
6
2 OF 19
C1.66**

TABLE OF CONTENTS

1.0 OBJECTIVES.....	3
2.0 PREREQUISITES.....	3
3.0 LENGTH/SCHEDULE.....	3
4.0 CONTENT.....	4
4.1 CLASSROOM.....	4
4.2 SUPPLEMENTAL READING.....	5
4.3 ON-THE-JOB TRAINING.....	5
4.4 SIMULATOR/LABORATORY TRAINING.....	5
5.0 EVALUATION.....	6
5.1 EXAMINATIONS.....	6
6.0 REMEDIAL TRAINING.....	6
7.0 RECORDS.....	6



ENTERGY

**WATERFORD 3 NUCLEAR TRAINING
COURSE**

EMERGENCY PLAN TRAINING INITIAL

**NO:
REV:
PAGE:
Rtype:**

**NTC-216
6
3 OF 19
C1.66**

1.0 OBJECTIVE

The objective of this course is to train station and corporate personnel who have assigned duties in the Emergency Plan commensurate with their respective responsibilities. This training supplements the emergency training that the respective departments get from their regular departmental training.

2.0 PREREQUISITES

GET-1 and GET-2 except Emergency News Center personnel, St. Charles EOC advisors, St. John EOC advisors, State Technical Representatives, Technical Spokespersons, and EOF Personnel.

3.0 LENGTH/SCHEDULE

1. Classroom training is scheduled as needed to keep emergency positions adequately staffed with trained personnel.
2. Supplemental reading is assigned when pertinent new material and/or revisions are approved, and when deemed necessary by the Technical Training Supervisor and the Emergency Planning Coordinator.



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**WATERFORD 3 NUCLEAR TRAINING
COURSE
EMERGENCY PLAN TRAINING INITIAL**

**NO:
REV:
PAGE:
Rtype:**

**NTC-216
6
4 OF 19
C1.66**

4.0 CONTENT

4.1 CLASSROOM

Each emergency team member will complete one of the following classes according to Attachment 2.

1. Assembly Area Supervisor
2. OSC Manpower
3. OSC Supervisor
4. TSC Logkeeper
5. EOF Logkeeper
6. OSC Supervisor Communicator
7. Off-Site Technical Assistant
8. Nuclear Auxiliary Operator
9. EOF Communicator
10. TSC Communicator
11. EOF Engineer
12. TSC Supervisor
13. TSC Engineer
14. Technical Representative
15. Emergency Coordinator
16. EOF Director
17. SS/CRS/NPO/Operations Coordinator Emergency Plan Training
18. Emergency H. P. Training
19. TSC Health Physics Course
20. EOF Health Physics Course
21. Off-Site Technical Advisor
22. Administration/Logistics Coordinator
23. Dose Assessment Communicator
24. E-Plan Security Training
25. Emergency News Center
26. Emergency Chemistry
27. TSC Nuclear Engineer



ENTERGY

**WATERFORD 3 NUCLEAR TRAINING
COURSE**

EMERGENCY PLAN TRAINING INITIAL

**NO:
REV:
PAGE:
Rtype:**

**NTC-216
6
5 OF 19
C1.66**

28. EOF Nuclear Engineer
29. Entergy System Liaison
30. Technical Spokesperson
31. EOF Field Team Communicator
32. Chemistry Engineer
33. Emergency Radwaste Training
34. ENS Communicator
35. Licensing Coordinator
36. OSC IT Representative

4.2 SUPPLEMENTAL READING

1. Readings are supplemental to classroom training for the various emergency positions.
2. Supplemental readings are assigned using Attachment 1 (Supplemental Reading Matrix) and/or as designated by the Emergency Planning Coordinator and Technical Training Supervisor.
3. Supplemental readings should be issued when pertinent new material and/or revisions are approved.

4.3 ON-THE-JOB TRAINING

Consists of drills, table tops, and walkthroughs as deemed necessary by the Emergency Planning Coordinator.

4.4 SIMULATOR/LABORATORY TRAINING

Not Applicable



ENTERGY

**WATERFORD 3 NUCLEAR TRAINING
COURSE**

EMERGENCY PLAN TRAINING INITIAL

**NO:
REV:
PAGE:
Rtype:**

**NTC-216
6
6 OF 19
C1.66**

5.0 EVALUATION

5.1 EXAMINATIONS

1. A comprehensive written exam shall be administered at the end of the course, except Emergency News Center courses.
2. An overall score of 80% or better is required.

5.0 REMEDIAL TRAINING

1. Remedial training sessions shall be designed on an as needed basis for trainees who do not meet the requirements of Section 5.1.2.
2. The Emergency Planning Coordinator shall be informed of any person not making an overall score of 80% or better.

7.0 RECORDS

1. Records shall be handled in accordance with NTP-003, Nuclear Operations Training Records.

8.0 COMMITMENTS

P7482	Training for Emergency Team Personnel
P12775	NRC Notification Requirement
P13297	Training for Radiation Emergency Teams
P14271	STA Training
P20515	NAO Training
P5121	Training for On-Shift Emergency Organization
P7353	Training for Personnel Assigned to the Emergency Organization
P7349	Formal Training for All Site Personnel



ENTERGY

**WATERFORD 3 NUCLEAR TRAINING
COURSE**

EMERGENCY PLAN TRAINING INITIAL

**NO:
REV:
PAGE:
Rtype:**

**NTC-216
6
7 OF 19
C1.66**

**ATTACHMENT 1 (Page 1 of 10)
SUPPLEMENTAL READING MATRIX**

READING	PROCEDURES																			
	EP-1-001	EP-1-010	EP-1-020	EP-1-030	EP-1-040	EP-2-010	EP-2-015	EP-2-030	EP-2-031	EP-2-032	EP-2-033	EP-2-034	EP-2-050	EP-2-051	EP-2-052	EP-2-060	EP-2-061	EP-2-071	EP-2-081	EP-2-090
POSITION																				
EMERGENCY COORDINATOR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
HEALTH PHYSICS COORDINATOR	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
TSC LEAD COMMUNICATOR						X	X													
TSC SUPERVISOR	X	X	X	X	X												X		X	X
SECURITY SUPERINTENDENT																	X	X		X
OPERATIONS COORDINATOR	X	X	X	X	X										X					X
HEALTH PHYSICS COORD. ASST.	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
DOSE ASSESSMENT COORDINATOR	X					X							X	X	X	X	X			X
RADIOLOGICAL CONTROLS COORD.							X	X	X	X	X				X	X		X	X	X
DAC COMMUNICATOR															X	X				X
DOSE ASSESSMENT COORD. ASST.	X					X							X	X	X	X	X			X
MONITORING TEAMS							X	X	X	X	X				X	X		X	X	X
TSC LEAD ENGINEER	X														X					X
TSC NUCLEAR ENGINEER	X																			X
TSC ELECTRICAL ENGINEER	X																			X



ENTERGY

**WATERFORD 3 NUCLEAR TRAINING
COURSE
EMERGENCY PLAN TRAINING INITIAL**

**NO:
REV:
PAGE:
Rtype:**

**NTC-216
6
8 OF 19
C1.66**

**ATTACHMENT 1 (Page 2 of 10)
SUPPLEMENTAL READING MATRIX**

POSITION	READING												PROCEDURES											
	EP-3-030	EP-3-040	EP-3-050	EP-3-060	EP-3-070	EP-4-010	EP-4-015	EP-4-020	EP-1-020	UNIT-7-010	W6-101	SS1-451	W6-102											
EMERGENCY COORDINATOR			X		X	X		X	X	X		X												
HEALTH PHYSICS COORDINATOR			X								X	X												
TSC LEAD COMMUNICATOR			X					X	X	X		X												
TSC SUPERVISOR			X		X	X					X	X												
SECURITY SUPERINTENDENT			X								X	X												
OPERATIONS COORDINATOR			X		X	X					X	X												
HEALTH PHYSICS COORD. ASST.			X								X	X												
DOSE ASSESSMENT COORDINATOR			X								X	X												
RADIOLOGICAL CONTROLS COORD.			X								X	X												
DAC COMMUNICATOR			X								X	X												
DOSE ASSESSMENT COORD. ASST.			X								X	X												
MONITORING TEAMS			X							X	X	X												
TSC LEAD ENGINEER			X								X	X												
TSC NUCLEAR ENGINEER			X								X	X												
TSC ELECTRICAL ENGINEER			X								X	X												

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ENTERGY

**WATERFORD 3 NUCLEAR TRAINING
COURSE**

EMERGENCY PLAN TRAINING INITIAL

**NO:
REV:
PAGE:
Rtype:**

**NTC-216
6
9 OF 19
C1.66**

**ATTACHMENT 1 (Page 3 of 10)
SUPPLEMENTAL READING MATRIX**

READING	PROCEDURES																			
	EP-1-001	EP-1-010	EP-1-020	EP-1-030	EP-1-040	EP-2-010	EP-2-015	EP-2-030	EP-2-031	EP-2-032	EP-2-033	EP-2-034	EP-2-050	EP-2-051	EP-2-052	EP-2-060	EP-2-061	EP-2-071	EP-2-081	EP-2-090
POSITION																				
TSC MECHANICAL ENGINEER	X																		X	
CHEMISTRY ENGINEER	X																		X	X
OSC SUPERVISOR																		X	X	X
OSC MAINTENANCE LEADS																		X	X	X
OSC SUPERVISOR COMMUNICATOR																			X	X
ASSEMBLY AREA SUPERVISOR																		X		X
TSC SUPERVISOR COMMUNICATOR																			X	X
OPERATIONS COMMUNICATOR	X																		X	X
TSC COMMUNICATOR 1&2						X	X												X	X
TSC LOGKEEPER																			X	X
SECURITY SHIFT SUPERVISOR																		X	X	X
SHIFT SUPERVISOR	X	X	X	X	X	X		X		X	X	X	X	X	X	X		X		X
CONTROL ROOM SUPERVISOR	X	X	X	X	X	X		X		X	X	X	X	X	X	X		X		X
NUCLEAR PLANT OPERATOR	X					X	X						X							X
NUCLEAR AUXILIARY OPERATOR						X	X						X							X

SUPREAD.MX3

K:\WTC\WTC216.DOC



ENTERGY

**WATERFORD 3 NUCLEAR TRAINING
COURSE
EMERGENCY PLAN TRAINING INITIAL**

**NO:
REV:
PAGE:
Rtype:**

**NTC-216
6
10 OF 19
C1.66**

**ATTACHMENT 1 (Page 4 of 10)
SUPPLEMENTAL READING MATRIX**

READING	PROCEDURES												
	EP-3-030	EP-3-040	EP-3-050	EP-3-060	EP-3-070	EP-4-010	EP-4-015	EP-4-020	FP-1-020	UNT-7-010	M6-101	SS1-451	M6-102
POSITION													
TSC MECHANICAL ENGINEER			X								X	X	
CHEMISTRY ENGINEER			X								X	X	
OSC SUPERVISOR			X								X	X	
OSC MAINTENANCE LEADS			X								X	X	
OSC SUPERVISOR COMMUNICATOR			X								X	X	
ASSEMBLY AREA SUPERVISOR			X								X	X	
TSC SUPERVISOR COMMUNICATOR			X								X	X	
OPERATIONS COMMUNICATOR			X								X	X	
TSC COMMUNICATOR 1&2			X					X	X	X		X	
TSC LOGKEEPER			X								X	X	
SECURITY SHIFT SUPERVISOR			X								X	X	
SHIFT SUPERVISOR			X	X	X			X	X	X		X	
CONTROL ROOM SUPERVISOR			X	X	X			X	X	X		X	
NUCLEAR PLANT OPERATOR			X	X	X			X	X	X		X	
NUCLEAR AUXILIARY OPERATOR			X					X	X	X		X	

SUPREAD.MX4

K:\WTC\WTC216.DOC



ENTERGY

**WATERFORD 3 NUCLEAR TRAINING
COURSE**

EMERGENCY PLAN TRAINING INITIAL

**NO:
REV:
PAGE:
Rtype:**

**NTC-216
6
11 OF 19
C1.66**

**ATTACHMENT 1 (Page 5 of 10)
SUPPLEMENTAL READING MATRIX**

READING	PROCEDURES																															
POSITION	EP-1-001	EP-1-010	EP-1-020	EP-1-030	EP-1-040	EP-2-010	EP-2-015	EP-2-030	EP-2-031	EP-2-032	EP-2-033	EP-2-034	EP-2-050	EP-2-051	EP-2-052	EP-2-060	EP-2-061	EP-2-071	EP-2-081	EP-2-090	EP-2-091	EP-2-100	EP-2-101	EP-2-102	EP-2-130	EP-2-140	EP-2-150	EP-2-170	EP-2-190	EP-2-020		
SHIFT TECHNICAL ADVISOR	X					X							X		X															X		
CHEMISTRY																					X		X							X		
COMPUTER MAINTENANCE																							X									
ELECTRICAL MAINTENANCE																							X				X		X			
I & C MAINTENANCE																																
MECHANICAL MAINTENANCE																							X				X		X			
RADWASTE HELPER																X	X						X									
IT REPRESENTATIVE																								X			X		X			
EOF DIRECTOR	X	X	X	X	X			X		X					X									X					X			
DEPUTY EOF DIRECTOR	X	X	X	X	X			X		X					X									X			X	X				
RADIOLOGICAL ASSESSMENT COORD.	X					X		X		X	X		X	X	X	X	X							X			X	X				
RAD. ASSESSMENT COORD. ASST.	X					X		X		X	X		X	X	X	X	X							X			X	X				
FIELD TEAM COMMUNICATOR																X	X							X			X					
FIELD TEAM CONTROLLER	X					X		X		X	X		X	X	X	X	X							X			X					
DOSE PROJECTION COORDINATOR	X					X				X			X	X	X	X	X							X			X					
ADMINISTRATION/ LOGISTICS COORD.																																

SUPREAD.MXS



ENTERGY

**WATERFORD 3 NUCLEAR TRAINING
COURSE**

EMERGENCY PLAN TRAINING INITIAL

**NO:
REV:
PAGE:
Rtype:**

**NTC-216
6
12 OF 19
C1.66**

**ATTACHMENT 1 (Page 6 of 10)
SUPPLEMENTAL READING MATRIX**

READING	PROCEDURES															
	EP-3-030	EP-3-040	EP-3-050	EP-3-060	EP-3-070	EP-4-010	EP-4-015	EP-4-020	EP-1-020	UNIT-7-018	M6-101	SS1-451	M6-102			
POSITION																
SHIFT TECHNICAL ADVISOR			X		X					X		X				
CHEMISTRY			X							X	X	X				
COMPUTER MAINTENANCE			X								X	X				
ELECTRICAL MAINTENANCE			X								X	X				
I & C MAINTENANCE			X								X	X				
MECHANICAL MAINTENANCE			X								X	X				
RADWASTE HELPER			X								X	X				
IS REPRESENTATIVE			X								X	X				
EOF DIRECTOR			X				X				X	X				
DEPUTY EOF DIRECTOR			X				X				X	X				
RADIOLOGICAL ASSESSMENT COORD.			X				X				X	X				
RAD. ASSESSMENT COORD. ASST.			X				X				X	X				
FIELD TEAM COMMUNICATOR			X				X				X	X				
FIELD TEAM CONTROLLER			X				X				X	X				
DOSE PROJECTION COORDINATOR			X				X				X	X				
ADMINISTRATION/ LOGISTICS COORD.			X				X				X	X				

SUPREAD.MX6

K:\WTC\WTC216.DOC



WATERFORD 3 NUCLEAR TRAINING COURSE

EMERGENCY PLAN TRAINING INITIAL

NO:
REV:
PAGE:
Rtype:

NTC-216
6
13 OF 19
C1.66

ATTACHMENT 1 (Page 7 of 10) SUPPLEMENTAL READING MATRIX

READING						PROCEDURES																								
POSITION	EP-1-001	EP-1-010	EP-1-020	EP-1-030	EP-1-040	EP-2-010	EP-2-015	EP-2-030	EP-2-031	EP-2-032	EP-2-033	EP-2-034	EP-2-050	EP-2-051	EP-2-052	EP-2-060	EP-2-071	EP-2-081	EP-2-090	EP-2-091	EP-2-100	EP-2-101	EP-2-102	EP-2-130	EP-2-140	EP-2-150	EP-2-170	EP-2-190	EP-3-020	
OPERATIONS/ ENGINEERING COORDINATOR	X	X	X	X	X									X				X			X			X			X	X		
OPERATIONS/ENG. COORD. ASST.	X	X	X	X	X									X				X					X				X	X		
COMMUNICATIONS COORDINATOR							X	X																X			X	X		
EOF COMMUNICATORS							X	X																X			X	X		
ADMINISTRATIVE ASSISTANT																								X			X			
EOF LOGKEEPER																								X			X			
EOF I & C ENGINEER	X																							X			X			
EOF NUCLEAR ENGINEER	X																		X					X			X			
EOF MECHANICAL ENGINEER	X																							X			X			
EOF ELECTRICAL ENGINEER	X																							X			X			
LICENSING COORDINATOR	X						X							X										X			X	X		
OFFSITE TECHNICAL ADVISOR	X						X							X										X			X			
ST. CHARLES PARISH TECH. REP.	X						X							X																
ST. JOHN PARISH TECH. REP.	X						X							X																
TECHNICAL SPOKESPERSON	X						X							X																

SUPREAD.MX7

K:\WTC\WTC216.DOC



ENTERGY

**WATERFORD 3 NUCLEAR TRAINING
COURSE**

EMERGENCY PLAN TRAINING INITIAL

**NO:
REV:
PAGE:
Rtype:**

**NTC-216
6
13 OF 19
C1.66**

**ATTACHMENT 1 (Page 7 of 10)
SUPPLEMENTAL READING MATRIX**

POSITION	READING										PROCEDURES																			
	EP-1-001	EP-1-010	EP-1-020	EP-1-030	EP-1-040	EP-2-010	EP-2-015	EP-2-030	EP-2-031	EP-2-032	EP-2-033	EP-2-034	EP-2-050	EP-2-051	EP-2-052	EP-2-060	EP-2-061	EP-2-071	EP-2-081	EP-2-090	EP-2-091	EP-2-100	EP-2-101	EP-2-102	EP-2-130	EP-2-140	EP-2-150	EP-2-170	EP-2-190	EP-3-020
OPERATIONS/ ENGINEER'S COORDINATOR	X	X	X	X	X										X				X				X				X	X		
OPERATIONS/ENG. COORD. ASST.	X	X	X	X	X										X				X				X				X	X		
COMMUNICATIONS COORDINATOR							X	X																X			X	X		
EOF COMMUNICATORS							X	X																X			X	X		
ADMINISTRATIVE ASSISTANT																								X			X			
EOF LOGKEEPER																								X			X			
EOF I & C ENGINEER	X																							X			X			
EOF NUCLEAR ENGINEER	X																			X				X			X			
EOF MECHANICAL ENGINEER	X																							X			X			
EOF ELECTRICAL ENGINEER	X																							X			X			
LICENSING COORDINATOR	X						X								X									X			X	X		
OFFSITE TECHNICAL ADVISOR	X						X								X									X			X			
ST. CHARLES PARISH TECH. REP.	X						X								X															
ST. JOHN PARISH TECH. REP.	X						X								X															
TECHNICAL SPOKESPERSON	X						X								X															

SUPREAD.MX7

K:\WTC\WTC216.DOC



ENTERGY

**WATERFORD 3 NUCLEAR TRAINING
COURSE
EMERGENCY PLAN TRAINING INITIAL**

**NO: NTC-216
REV: 6
PAGE: 14 OF 19
Rtype: C1.66**

**ATTACHMENT 1 (Page 8 of 10)
SUPPLEMENTAL READING MATRIX**

POSITION	READING												PROCEDURES											
	EP-3-030	EP-3-040	EP-3-050	EP-3-060	EP-3-070	EP-4-010	EP-4-015	EP-4-020	EP-1-020	UNIT-7-018	W6-101	SS1-451	W6-102											
OPERATIONS/ ENGINEERING COORD.			X				X			X		X												
OPERATIONS/ENG. COORD. ASST.			X				X			X		X												
COMMUNICATIONS COORDINATOR			X				X			X		X												
EOF COMMUNICATORS			X				X			X		X												
ADMINISTRATIVE ASSISTANT			X				X			X		X												
EOF LOGKEEPER			X				X			X		X												
EOF I & C ENGINEER			X				X			X		X												
EOF NUCLEAR ENGINEER			X				X			X		X												
EOF MECHANICAL ENGINEER			X				X			X		X												
EOF ELECTRICAL ENGINEER			X				X			X		X												
LICENSING COORDINATOR			X				X			X		X												
OFFSITE TECHNICAL ADVISOR			X				X			X		X												
ST. CHARLES PARISH TECH. REP.			X									X												
ST. JOHN PARISH TECH. REP.			X									X												
TECHNICAL SPOKESPERSON			X				X			X		X												

SUPREAD.MX0

K:\WTC\WTC216.DOC



EMERGENCY PLAN TRAINING INITIAL

NTC-216
6
15 OF 19
C1.66

READING		PROCEDURES																														
		EP-1-001	EP-1-010	EP-1-020	EP-1-030	EP-1-040	EP-2-010	EP-2-015	EP-2-020	EP-2-031	EP-2-032	EP-2-033	EP-2-034	EP-2-050	EP-2-061	EP-2-062	EP-2-060	EP-2-061	EP-2-071	EP-2-081	EP-2-090	EP-2-091	EP-2-100	EP-2-101	EP-2-102	EP-2-130	EP-2-140	EP-2-150	EP-2-170	EP-2-190	EP-3-020	
POSITION																																
OFFSITE TECHNICAL ASSISTANT																								X				X				
ENTERGY SYSTEM LIAISON																								X				X	X			
STATE TECHNICAL REPRESENTATIVE	X					X									X															X		
EHS COMMUNICATOR	X					X									X								X					X				
OSC SUPERVISOR ASSISTANT																			X	X				X		X	X	X	X	X	X	

K:\WTC\WTC216.DOC



EMERGENCY PLAN TRAINING INITIAL

NTC-216
6
16 OF 19
C1.66



ATTACHMENT 2 (Page 1 of 3)

CLASS	APPLICABLE POSITION
Assembly Area Supervisor	Assembly Area Supervisor
OSC Manpower	Computer Maintenance Electrical Maintenance I & C Maintenance Mechanical Maintenance
OSC IT Representative	IT Representative
OSC Supervisor	OSC Supervisor OSC Supervisor Assistant OSC Maintenance Leads
OSC Supervisor Communicator	OSC Supervisor Communicator
EOF Logkeeper	EOF Logkeeper Administrative Assistant
TSC Logkeeper	TSC Logkeeper
Off-Site Technical Assistant	Off-Site Technical Assistant
Nuclear Auxiliary Operator	Nuclear Auxiliary Operator
EOF Communicator	Communications Coordinator EOF Communicators
TSC Communicator	TSC Lead Communicator TSC Communicators 1 & 2
EOF Engineer	Ops/Eng Coordinator Ops/Eng Coordinator Assistant I & C Engineer Mechanical Engineer Electrical Engineer
TSC Supervisor	TSC Supervisor TSC Supervisor Communicator

**ENTERGY**

**WATERFORD 3 NUCLEAR TRAINING
COURSE
EMERGENCY PLAN TRAINING INITIAL**

**NO:
REV:
PAGE:
Rtype:**

**NTC-216
6
18 OF 19
C1.66**

ATTACHMENT 2 (Page 2 of 3)

CLASS	APPLICABLE POSITION
TSC Engineer	TSC Lead Engineer Electrical Engineer Mechanical Engineer
Technical Representative	State Technical Representative St. John Parish Technical Representative St. Charles Parish Technical Representative
Emergency Coordinator	Emergency Coordinator
EOF Director	EOF Director Deputy EOF Director
SS/CRS/NPO/Operations Coordinator	Operations Coordinator Nuclear Plant Operators Shift Supervisor Control Room Supervisor Operations Communicator Shift Technical Advisor
Emergency HP Training	Radiological Controls Coordinator Radiation Monitoring Team
TSC Health Physics Course	Health Physics Coordinator Health Physics Coordinator Assistant Dose Assessment Coordinator Dose Assessment Coordinator Assistant
EOF Health Physics Course	Radiological Assessment Coordinator RAC Assistant Dose Projection Coordinator Field Team Controller
Off-Site Technical Advisor	Off-Site Technical Advisor
Administration/Logistics Coordinator	Administration/Logistics Coordinator



ATTACHMENT 2 (Page 3 of 3)

CLASS	APPLICABLE POSITION
Dose Assessment Communicator	Dose Assessment Communicator
E-Plan Security Training	Security
Emergency News Center	Emergency News Center Personnel
Emergency Chemistry	Chemistry
TSC Nuclear Engineer	TSC Nuclear Engineer
EOF Nuclear Engineer	EOF Nuclear Engineer
Entergy System Liaison	Entergy System Liaison
Technical Spokesperson	Technical Spokesperson
EOF Field Team Communicator	EOF Field Team Communicator
Chemistry Engineer	Chemistry Engineer
Emergency Radwaste Training	Radwaste Helper
ENS Communicator	ENS Communicator
Licensing Coordinator	Licensing Coordinator

NOTE: Emergency personnel who complete courses that exceed their assigned position's course need not take the course for their position. These positions include, but are not limited to:

1. Radwaste personnel who complete the Emergency HP Training course in lieu of the Emergency Radwaste Training course.



ENTERGY

WATERFORD 3 NUCLEAR
TRAINING COURSE
DESCRIPTION
EMERGENCY PLAN
CONTINUING TRAINING

NO:
REV:
PAGE:
Rtype:

NTC-217
6
1 OF 9
C1.66

Effective date: 4-17-96

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YHL 3/21/96

COMMITMENT REVIEW BY/DATE

YHL 3/21/96

REVIEWED BY/DATE

[Signature] 7-26-96

REVIEWED BY/DATE

[Signature] 3-28-96

REVIEWED BY/DATE

[Signature] 4/4/96

APPROVED BY/DATE

[Signature] 4/8/96
TRAINING MANAGER

960701019 972



WATERFORD 3 NUCLEAR
TRAINING COURSE
DESCRIPTION
EMERGENCY PLAN
CONTINUING TRAINING

NO: NTC-217
REV: 6
PAGE: 2 OF 9
Rtype: C1.66

TABLE OF CONTENTS

1.0 OBJECTIVE	2
2.0 PREREQUISITES.....	3
3.0 LENGTH/SCHEDULE	3
4.0 CONTENT	3
4.1. CLASSROOM	3
4.2. ON-THE-JOB TRAINING.....	3
4.3. SIMULATOR/LABORATORY	5
4.4. SUPPLEMENTAL READING	5
5.0 EVALUATION.....	6
6.0 REMEDIAL TRAINING...	6
7.0 RECORDS.....	6
8.0 COMMITMENTS.....	6



ENTERGY

**WATERFORD 3 NUCLEAR
TRAINING COURSE
DESCRIPTION
EMERGENCY PLAN
CONTINUING TRAINING**

**NO: NTC-217
REV: 6
PAGE: 3 OF 9
Rtype: C1.66**

1.0 OBJECTIVE

The objective of this course is to reinforce the training given to station and corporate personnel who have assigned duties in the Emergency Plan commensurate with their respective responsibilities.

2.0 PREREQUISITES

Successful completion of the appropriate initial Emergency Plan Training for their position.

3.0 LENGTH/SCHEDULE

1. Continuing training shall be scheduled within twelve (12) months, not to exceed 15 months, of the last completion date.
2. Supplemental reading is assigned when pertinent new material and/or revisions are approved, and when deemed necessary by the Technical Training Supervisor and the Emergency Planning Coordinator.

4.0 CONTENT

4.1 CLASSROOM

Each emergency team member shall complete one of the following classes as appropriate to their position or complete the corresponding initial training class as shown in Attachment 1.

1. Assembly Area Supervisor Refresher
2. OSC Manpower Refresher
3. OSC Supervisor Refresher
4. TSC Logkeeper Refresher
5. EOF Logkeeper Refresher
6. OSC Supervisor Communicator Refresher
7. Off-Site Technical Assistant Refresher
8. Nuclear Auxiliary Operator Refresher
9. EOF Communicator Refresher



WATERFORD 3 NUCLEAR
TRAINING COURSE
DESCRIPTION
EMERGENCY PLAN
CONTINUING TRAINING

NO: NTC-217
REV: 6
PAGE: 4 OF 9
F.type: C1.66

10. TSC Communicator Refresher
11. EOF Engineer Refresher
12. TSC Supervisor Refresher
13. TSC Engineer Refresher
14. Technical Representative Refresher
15. Emergency Coordinator Refresher
16. EOF Director Refresher
17. SS/CRS/NPO/Operations Coordinator Emergency Plan Training
Refresher
18. Emergency H. P. Training Refresher
19. Technical Support Center Health Physics Course Refresher
20. Emergency Operations Facility Health Physics Course Refresher
21. Off-Site Technical Advisor Refresher
22. Administration/Logistics Coordinator Refresher
23. Dose Assessment Communicator Refresher
24. E-Plan Security Training Refresher
25. Emergency News Center
26. Emergency Chemistry Refresher
27. TSC Nuclear Engineer Refresher
28. EOF Nuclear Engineer Refresher
29. Entergy System Liaison Refresher
30. Technical Spokesperson Refresher
31. EOF Field Team Communicator Refresher
32. Chemistry Engineer Refresher
33. Emergency Radwaste Training Refresher
34. ENS Communicator Refresher
35. Licensing Coordinator Refresher
36. IT Representative Refresher



WATERFORD 3 NUCLEAR
TRAINING COURSE
DESCRIPTION
EMERGENCY PLAN
CONTINUING TRAINING

NO: NTC-217
REV: 6
PAGE: 5 OF 9
Rtype: C1.66

4.2 ON-THE-JOB TRAINING

Consists of drills, tabletops, and walkthroughs as deemed necessary by the Emergency Planning Coordinator.

4.3 SIMULATOR/LABORATORY

Not Applicable

4.4 SUPPLEMENTAL READING

Should be issued when pertinent new material and/or revisions are approved, and when deemed necessary by the Technical Training Supervisor and the Emergency Planning Coordinator.



ENTERGY

**WATERFORD 3 NUCLEAR
TRAINING COURSE
DESCRIPTION
EMERGENCY PLAN
CONTINUING TRAINING**

**NO: NTC-217
REV: 6
PAGE: 6 OF 9
Rtype: C1.66**

5.0 EVALUATION

5.1 EXAMINATIONS

1. A comprehensive written exam shall be administered at the end of the course, except for Emergency News Center courses.
2. An overall score of 80% or better is required.

6.0 REMEDIAL TRAINING

1. Remedial training sessions shall be designed on an as needed basis for trainees who do not meet the requirements of Section 5.1.2.
2. The Emergency Planning Coordinator shall be informed of any person not making an overall score of 80% or better.

7.0 RECORDS

Records shall be handled in accordance with NTP-003, Nuclear Operations Training Records.

8.0 COMMITMENTS

P5121	Training and Qualifications of On-Shift Emergency Organization
P7353	Training for Personnel Assigned to Emergency Organization



WATERFORD 3 NUCLEAR
TRAINING COURSE
DESCRIPTION
EMERGENCY PLAN
CONTINUING TRAINING

NO: NTC-217
REV: 6
PAGE: 7 OF 9
Rtype: C1.66

ATTACHMENT 2 (Page 1 of 3)

CLASS	APPLICABLE POSITION
Assembly Area Supervisor	Assembly Area Supervisor
OSC Manpower	Computer Maintenance Electrical Maintenance I & C Maintenance Mechanical Maintenance
OSC IT Representative	IT Representative
OSC Supervisor	OSC Supervisor OSC Supervisor Assistant OSC Maintenance Leads
OSC Supervisor Communicator	OSC Supervisor Communicator
EOF Logkeeper	EOF Logkeeper Administrative Assistant
TSC Logkeeper	TSC Logkeeper
Off-Site Technical Assistant	Off-Site Technical Assistant
Nuclear Auxiliary Operator	Nuclear Auxiliary Operator
EOF Communicator	Communications Coordinator EOF Communicators
TSC Communicator	TSC Lead Communicator TSC Communicators 1 & 2
EOF Engineer	Ops/Eng Coordinator Ops/Eng Coordinator Assistant I & C Engineer Mechanical Engineer Electrical Engineer
TSC Supervisor	TSC Supervisor TSC Supervisor Communicator

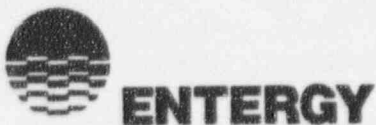


WATERFORD 3 NUCLEAR
TRAINING COURSE
DESCRIPTION
EMERGENCY PLAN
CONTINUING TRAINING

NO: NTC-217
REV: 6
PAGE: 8 OF 9
Rtype: C1.66

ATTACHMENT 1 (Page 2 of 3)

CLASS	APPLICABLE POSITION
TSC Engineer	TSC Lead Engineer Electrical Engineer Mechanical Engineer
Technical Representative	State Technical Representative St. John Parish Technical Representative St. Charles Parish Technical Representative
Emergency Coordinator	Emergency Coordinator
EOF Director	EOF Director Deputy EOF Director
SS/CRS/NPO/Operations Coordinator	Operations Coordinator Nuclear Plant Operators Shift Supervisor Control Room Supervisor Operations Communicator Shift Technical Advisor
Emergency HP Training	Radiological Controls Coordinator Radiation Monitoring Team
TSC Health Physics Course	Health Physics Coordinator Health Physics Coordinator Assistant Dose Assessment Coordinator Dose Assessment Coordinator Assistant
EOF Health Physics Course	Radiological Assessment Coordinator RAC Assistant Dose Projection Coordinator Field Team Controller



WATERFORD 3 NUCLEAR
TRAINING COURSE
DESCRIPTION
EMERGENCY PLAN
CONTINUING TRAINING

NO: NTC-217
REV: 6
PAGE: 9 OF 9
Rtype: C1.66

ATTACHMENT 1 (Page 3 of 3)

CLASS	APPLICABLE POSITION
Off-Site Technical Advisor	Off-Site Technical Advisor
Administration/Logistics Coordinator	Administration/Logistics Coordinator
Dose Assessment Communicator	Dose Assessment Communicator
E-Plan Security Training	Security
Emergency News Center	Emergency News Center Personnel
Emergency Chemistry	Chemistry
TSC Nuclear Engineer	TSC Nuclear Engineer
EOF Nuclear Engineer	EOF Nuclear Engineer
Entergy System Liaison	Entergy System Liaison
Technical Spokesperson	Technical Spokesperson
EOF Field Team Communicator	EOF Field Team Communicator
Chemistry Engineer	Chemistry Engineer
Emergency Radwaste Training	Radwaste Helper
ENS Communicator	ENS Communicator
Licensing Coordinator	Licensing Coordinator

NOTE: Emergency personnel who complete courses that exceed their assigned position's course need not take the course for their position. These positions include, but are not limited to:

1. Radwaste personnel who complete the Emergency HP Training course in lieu of the Emergency Radwaste Training course.