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Rick J. King
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July 30, 2002

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

Subject: River Bend Station – Unit 1
Docket No. 50-458
License No. NFP-47
Submittal of Revisions to Emergency Implementing Procedures

File No.: G9.5, G9.20.6

RBG-45994
RBF1-02-0123

Ladies and Gentlemen:

Pursuant to 10CFR50 Appendix E, Section V, enclosed is a copy of one emergency implementing procedure that has been revised. The procedure is TQ-110, Revision 1, "Emergency Preparedness Training Program." In accordance with 10CFR50.54(q), the changes do not decrease the effectiveness of the Emergency Plan.

If you have any questions or require further information, please contact Barry Allen at (225)-378-3310.

Sincerely,

A handwritten signature in cursive script, appearing to read "RJK/enclosures".

RJK/
enclosures

AC45

Submittal of Revision to the RBS Emergency Implementing Procedures

RBG-45994

RBF1-02-0123

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cc: U. S. Nuclear Regulatory Commission (2)
Region IV
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NRC Senior Resident Inspector
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MANUAL

NON-QUALITY RELATED
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Title: Emergency Preparedness Training Program

Reviews	Required
Cross Discipline Review.....	<u>yes</u>
Code Reviews:	
10CFR50.59 Review	<u>yes</u>
10CFR50.54 Review	<u>yes</u>
Environmental Qualification.....	<u>No</u>
On-Site Safety Review Committee Reviews.....	<u>No</u>

Procedure Owner: Tom Tankersley / Manager, Training and Development

Approved:

Victor J. Collins for Tom Tankersley
(Procedure Owners Signature)

6/25/02
(Date)

Effective Dates: 07/01/02 7/31/02 7/1/02 7/01/02 NA
ANO GGNS RBS W3 Echelon

New Procedure/Revision/Cancellation Basis: Revision one

Numbering correction on page 7

Incorporation of TCN at ANO, GGNS and WF3

Added Matrices from desk guide to procedure

Added Course summaries into the attachment

Added One ANO commitment

Changed ANO Lesson Plan Codes

Changed one RB position title

Deleted some WF3 commitments

Deleted reference 2.9 DGTQ110




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1.0 PURPOSE

- 1.1 This procedure establishes the appropriate training and qualification requirements for Emergency Response Organization (ERO) personnel in accordance with the site Emergency Plans.


2.0 REFERENCES

- 2.1 ANO, GGNS, RBS, WF3 Emergency Plans
- 2.2 NUREG-0654 "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants"
- 2.3 Title 10, Code of Federal Regulations, Part 50(10CFR50)
- 2.3.1 Appendix E, "Emergency Planning and Preparedness for Production and Utilization Facilities"
- 2.3.2 50.47, "Emergency Plans"
- 2.4 INPO 96-009, "Maintaining Emergency Preparedness Manual"
- 2.5 Title 10, Code of Federal Regulations, Part 20, "Standards for Protection Against Radiation"
- 2.6 Entergy Nuclear Management Manual (NMM) Company Procedures
- 2.6.1 No. PL-140, "Emergency Response Organization Respiratory Protection Guidelines"
- 2.6.2 No. PL-147, "Personnel Expectations Related to Emergency Response at Entergy Nuclear Sites"
- 2.6.3 No. TQ-201, "Systematic Approach to Training Process"
- 2.6.4 No. TQ-106, "Instructor Training and Qualification Process"
- 2.6.5 No. TQ-205, "Training Exemptions"
- 2.7 Entergy Emergency Preparedness Position Papers
- 2.7.1 Position Paper No. 9, "Management and Tracking of Emergency Response Organization (ERO) Qualifications"
- 2.8 Station Procedures
- 2.8.1 ANO – 1000.015, "Station Training Program"
- 2.8.2 GGNS – 01-S-04-36, Handling of Training Documents
- 2.8.3 WF3 – NTP-003, "Training Records"

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3.0 **DEFINITIONS**

- 3.1 Annual - For the purposes of this procedure, annual is defined as that period between January 1 and December 31st of each year.
- 3.2 Credit by Examination (CBE) – Training credit given to ERO personnel for successfully completing Emergency Plan training courses by passing the examination only. CBE is only allowed under certain circumstances for experienced ERO members in accordance with station training procedures.
- 3.3 Computer Based Training (CBT) – Training provided to ERO personnel through the use of computer interaction. CBT courses may be provided to students either remotely or in a classroom setting.
- 3.4 Drill – Performance enhancing experiences that reasonably simulate the interactions between appropriate centers and/or individuals that would be expected to occur during emergencies. Drills are an ERO training activity and may be used for initial and/or re-qualification training purposes.
- 3.5 Emergency Response Organization (ERO) – Personnel who are assigned and trained to respond to emergency events and perform duties as outlined in site emergency plans.
- 3.6 Exemptions/Waivers – Emergency Preparedness Training/Qualification credit given to students/instructors implemented in accordance with NMM TQ-205, "Training Exemptions".
- 3.7 Exercise – An activity aimed at testing the integrated capability and a major portion of the basic elements of the Emergency Planning and Response Organizations. An exercise involves a major portion of the Emergency Response Organization and is evaluated by the NRC.

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3.8 Tabletop – A specialized training session conducted for an emergency response facility or group. Tabletops are seminar style meetings in a facility to discuss objectives and expectations of ERO personnel. These sessions are designed to emphasize team building and correct previously identified weaknesses.

3.9 Walkthrough – A training activity designed to develop and maintain an individual's knowledge of their assigned ERO duties. The walkthrough is normally conducted in an emergency response facility and includes discussion or demonstration of the appropriate facility activation, staffing, and organizational responsibilities for the individual's assigned ERO position.

4.0 **RESPONSIBILITIES**

4.1 Manager, Training and Development – Is responsible for providing and implementing an Emergency Preparedness Training Program and for overall performance of this program.

4.2 Manager, Emergency Preparedness – Is responsible for ensuring a comprehensive Emergency Preparedness Training Program is maintained for all offsite and onsite response personnel.

4.3 Supervisor, Technical Training - or designee is responsible for the administration of the day-to-day performance of the EP Training Program.

4.4 EP Training Instructor – Responsible for the development, scheduling, administering, and documenting of EP Training.

4.5 Emergency Response Personnel in accordance with NMM, Company Procedure, No. PL-147 will:

4.5.1 Maintain emergency response qualifications for their position including EP Training and additional specific training such as licenses, respirator qualifications, PAT, RWT, and FFD training.

4.5.2 Attend scheduled training and if unable to attend, provide prior notification to their supervisor and to the instructor.

5.0 **DETAILS**

5.1 Emergency Plan Training for ALL Personnel

Information on the Emergency Plan is administered as part of Plant Access Training (PAT) to all personnel (excluding visitors) coming onsite for the first time and to all personnel participating in the annual PAT retraining program. This portion of PAT meets the following objectives:

5.1.1 Trains personnel with respect to their responsibilities during an emergency situation.

5.1.2 Keeps personnel informed of any applicable changes to the Emergency Plan



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5.1.3 Instructions concerning the following will be given to all personnel participating in Plant Access Training:

- 5.1.3.1 Signals and alarms
- 5.1.3.2 Evacuation routes and procedures
- 5.1.3.3 Response during an emergency
- 5.1.3.4 Response on observing an unusual occurrence
- 5.1.3.5 Emergency classifications
- 5.1.3.6 Public relations

5.2 Prerequisites for Emergency Response Organization Personnel


- 5.2.1 Plant Access Training including Fitness for Duty is required for all ERO personnel.
- 5.2.2 Radiation Worker Training is required for all ERO personnel, excluding News Center personnel.
- 5.2.3 Respiratory Protection Training, physical and fit test as required per NMM, Company Procedure, No.PL-140.

5.3 Initial Training for Emergency Response Organization Personnel

- 5.3.1 Individuals designated as Emergency Response Organization (ERO) personnel must be qualified in accordance with this procedure.
- 5.3.2 Requirements for each position are found in the site training matrices, Attachment 9.0.
- 5.3.3 Initial Emergency Response Organization (ERO) Training Requirements-Initial ERO training is designed to provide the necessary instruction to personnel that are assigned to the ERO, as it relates to their designated ERO position, and may include all or portions of the following course areas:
 - Essential Training (Basics of Emergency Response Organization and Facilities)
 - Facility Training
 - Position Specific Training
 - Drill, Tabletop, or Walkthrough
 - Operations Event Training

These course areas should be taught in accordance with the applicable matrix in 9.0.

- 5.3.4 Scheduling for initial training is normally coordinated between the individual and the EP Training instructor and/or through the use of "OnTrack for Training".
- 5.3.5 Evaluations are normally given to ensure adequate understanding and retention of material covered in the classroom, and/or other specific qualifying activities. Written exams require a passing score of 80% or greater. Evaluations are administered in accordance with reference 2.6.3.

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5.3.5.1 Individuals who fail to pass Initial Training must be remediated which may include remedial training and/or re-examination.

5.3.6 Initial ERO training supplements the training received by personnel through their departmental training.

5.4 Re-qualification Training for ERO Personnel

5.4.1 ERO Re-qualification Training is given to reinforce Initial Training in accordance with the applicable matrix in 9.0.

5.4.2 You must attend training annually (or as indicated in the applicable matrix in 9.0) to remain qualified in your assigned position.

5.4.3 Prior to taking ERO Re-qualification Training, you must be current in Initial Training.

5.4.4 ERO Re-qualification Training Requirements – Course material provided during re-qualification training is determined from previous drill/training evaluations and ERO personnel needs. Re-qualification training course material may include information from all or portions of the following :

- Essential Training (Basics of Emergency Response Organization and Facilities)
- Facility Training
- Position Specific Training
- Drill, Exercise, or Tabletop
- Operations Event Training

These courses should be taught in accordance with the matrices in 9.0.

5.4.5 Scheduling for re-qualification training is normally coordinated between the individual and the EP Training instructor and/or through the use of "OnTrack for Training".

5.4.6 Evaluations are normally given to ensure adequate understanding and retention of material covered in the classroom, and/or other specific qualifying activities. Written exams require a passing score of 80% or greater. Evaluations are administered in accordance with reference 2.6.3.

Credit by Exam (CBE) may be given in lieu of classroom, CBT, etc. at the discretion of the instructor. Failure of CBE requires completing an initial class.

5.4.6.1 Individuals who fail to pass Re-qualification Training should be remediated the same working day. Remediation may include remedial training and/or re-examination. If remediation is not accomplished within the same working day, the failure must be reported to Emergency Preparedness as soon as possible.

5.4.6.2 All failures after attempting 5.4.6.1, must complete Initial Training Requirements.



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- 5.4.7 ERO Re-qualification Training supplements the training received by personnel through their continuing departmental training.
- 5.4.8 Consequences – If an individual fails to remain qualified in accordance with this procedure, the individual shall be disqualified from participating in the ERO.
- 5.4.9 Conditions of Disqualification – Individuals that are removed from the ERO shall not perform during emergencies and exercises in assigned ERO positions until the required qualifications are completed. They may perform in assigned ERO positions during drills or other practical training activities.
- 5.4.10 Reinstatement of disqualified ERO Members – When deficient course work/qualifications are completed IAW this procedure the member will be reinstated in their former ERO position.

5.5 Exemptions/Waivers may be granted per reference 2.6.5.

6.0 INTERFACES
None

7.0 RECORDS

- 7.1 All records shall be documented and recorded in accordance with applicable site procedures.

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Plant	Commitment Number	Requirement Name	Paragraph Number	Corp. Proc explanation
GGNS	P-22986-88	UFSAR 18.1.22.S3-5	5.3.1, 5.3.2, 5.4.8	Trng. for Mitigating Core Damage
GGNS	P-22989	UFSAR 18.1.22.S7	5.3.1, 5.3.2, 5.4.8	Trng. for Mitigating Core Damage
GGNS	P-24468	AECM-89/0202.AT.1,IV.S7	5.4.6.1, 5.5	Escalation of Deviations from Emer. Training
GGNS	P-26675	ANSI N2.3.4.5.1.S1	5.1.3.1	Evacuation Signal Testing
GGNS	P-26676	ANSI N2.3.4.5.2.S1	5.1.3.1	Evacuation Signal Testing
GGNS	P-26677	ANSI N2.3.4.5.3.S2	5.1.3.1	Evacuation Signal Testing
GGNS	P-28891	E-PLAN 6.5.1.A.5	5.1	Declared Emergency Situations
GGNS	P-28945	E-PLAN 8.2.S1	Whole procedure	Emergency Plan Training Program
GGNS	P-28946	E-PLAN 8.2.S2	Whole procedure	Emergency Plan Training Program
GGNS	P-28948	E-PLAN 8.2.1.S1	5.1	GET
GGNS	P-28949	E-PLAN 8.2.1.S2	5.1	GET
GGNS	P-28950	E-PLAN 8.2.1.S3	5.1	GET
GGNS	P-28951	E-PLAN 8.2.2.S1	5.3.1, 5.3.2, 5.4.8	Emergency Plan Training
GGNS	P-28952	E-PLAN 8.2.2.S2	Whole procedure	Emergency Response Training
GGNS	P-28953	E-PLAN 8.2.2.S3	Whole procedure	Emergency Preparedness Specialized Training
GGNS	P-29532	TRM 7.6.3.1.A	5.3.1, 5.3.2, 5.4.8	Emergency Preparedness Trng. Program
GGNS	P-32776	FSAR 18.1.22.S6	5.3.1, 5.3.2, 5.4.8	Training for Operations Mgmt. personnel
GGNS	P-31141	Tech Spec 5.5.3a	5.3.1, 5.3.2, 5.4.8	Chemistry Training Program
GGNS	P-32820	FSAR 7.7.1.11.4.3.S3	5.3.1, 5.3.2, 5.4.8	Classroom Training will be provided on PASS system operation and proper handling of highly radioactive samples
GGNS	P-33053	GNRO-97/00080.97-OGNRI 9/01/1997	5.3.1, 5.3.2, 5.4.8	Ensure persons that perform on-shift radiological assessment will periodically train with operations personnel in a Control Room/Simulator setting
ANO	P-4175	0CAN128305	5.2.1,5.3.3,5.4.2	GET, ERO Assignment, ERO Regual-Training
ANO	P-10866	0CAN058203	5.2.1,5.4.2	GET, ERO Regual Training
ANO	P-4822	0CAN098106	5.3.3 & 5.4.4	ERO Regual Training
RBS	I-15735	RBFI-98-0070	5.2.1, 5.2.2, 5.4.2	PAT, RWT
W3	P-5074	E-PLAN 3.4.4	5.3	Ensure Comprehensive Training Program is maintained for all on-site and off-site response personnel.
W3	P-12775	IR 85-25	5.4	NRC Notification
W3	P-5121	E-PLAN 5.1.2	5.3	Training and Qual. Of members of On-shift Emerg. Organization
W3	P-13297	FSAR 5.1.3.C	5.3	Training for Rad. Emerg. Teams



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Plant	Commitment Number	Requirement Name	Paragraph Number	Corp. Proc explanation
W3	P-14271	IR 87-09	5.3	STA's to be trained as Emerg. Coordinators
W3	P-20515	IR 93-08	5.4	Dose Assessment Training for Ops. Communicators


9.0 ATTACHMENTS

9.1 Course Summaries

Arkansas Nuclear One (ANO)

<u>TUOI #</u>	<u>TUOI Title</u>
ASLP-EP-A0011	Emergency Response/Support Organization
ASLP-EP-A0012	Emergency Response Facilities
ASLP-EP-A0013	Overview Emergency Plan and EPIP's
ASLP-EP-A0014	Role of the NRC
ASLP-EP-A0015	Emergency Interface Agreement
ASLP-EP-A0016	Scenario/Exercise Rules and Guidelines
ASLP-EP-A0017	Turnover of Responsibilities
ASLP-EP-A0021	Medical Emergencies
ASLP-EP-A0022	Dealing with the Media - offered upon recommendation by EP Manager; Provided by Entergy Corporate Communications
ASLP-EP-A0024	Evacuation
ASLP-EP-A0025	Reentry for Recovery
ASLP-EP-A0026	EP Training for Engineers
ASLP-EP-A0031	Communications
ASLP-EP-A0032	Emergency Systems Review - offered upon recommendation; Operations Training
ASLP-EP-A0041	Controller/Evaluator Training

ASDRL-EP-A0044	ERO Drill
ASLP-EP-A0045	ERF Walkthrough
ASLP-EP-A0060	Duty Emergency Planner
ASLP-EP-A0062	Offsite Dose Consequences
ASLP-EP-A0063	Dose Assessment Training
ASLP-EP-A0071	Onsite Radiation Monitoring Team
ASLP-EP-A0072	Non-routine Equipment
ASLP-EP-A0073	Radiological Field Monitoring
ASLP-EP-A0081	EAL Class – Operations Training
ASLP-EP-A0082	Emergency Response/Notification
ASCBT-EP-A0083	Severe Accident Management (Overview)
ANO-1/2-SAMG (OPS)	Severe Accident Management (In-Depth) - Operations SAMG Course
ASLP-EP-A0091	Update Training
ASRR-EP-A0093	Emergency Plan Required Reading
ASOTH-EP-A0094	Misc. Emergency Plan Training
ASWBK-EP-ERORQ	ERO Requalification Training (Workbook)
ASLEC-EP-ERORQ	ERO Requalification Training (Lecture)
ASCBT-EP-ERORQ	ERO Requalification Training (Computer Based Training)
ASDRL-EP-SIMPI	Simulator PI Drill
ASLP-EP-A0064	ENC Staff Training
ASLP-EP-OPSRQ	Emergency Plan SRO/SE Requal Training

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Grand Gulf Nuclear Station (GGNS)

Essential Training

Facility Training

Position Specific

- EPTS 1 – Security Training**
- EPTS 2 – Mitigation and/or Recognition of Core Damage**
- EPTS 3 – Radiological Assessment**
- EPTS 5 – Radiological Monitoring**
- EPTS 6- Emergency Assessment**
- EPTS 7 – Post-Accident Sampling**
- EPTS 9 – Standard First Aid (American Red Cross IAW their policies and procedures)**
- EPTS 11 – Response Teams**
- CPR/CPRP – Adult CPR/CPR Professional (IAmerican Red Cross IAW their policies and procedures)**
- EPTS 14 – EIC Staff Specific Training**
- EPTS 16 – OSC Coordinator and OSC HP Coordinator Training**
- EPTS 17 – Security Coordinator Training**
- EPTS 19 – Severe Accident Procedures Training**
- EPTS 23 – ENMC/EIC Specific Training**
- EPTS 24 – EOF Specific Training**
- EPTS 25 – Communicator Training**

Facility Walkthrough (FW) – Discussion and/or demonstration of individual's assigned ERO position.

Drill Participation – Participate in a qualifying EP Activity in the ERO position assigned.

Riverbend Station (RBS)

Essential Training LEC-EP-100	Emergency Preparedness; Organization and Facilities
Facility Training LEC-EP-101	Facility Training
Position Specific	
LEC-EP-022	Notifications (NEOs)
LEC-EP-023	Notifications (SROs)
LEC-EP-024	Notifications (TSC/EOF Comm)
LEC-EP-031	Emergency Identification and Classifications (Ops Coord/Adv)
LEC-EP-032	Emergency Identification and Classifications (SROs)
LEC-EP-041	Radiological Assessment and Protective Action Recommendations (RPA/RPC)
LEC-EP-042	Radiological Assessment and Protective Action Recommendations (SROs)
LEC-EP-051	Offsite Dose Calculation Methodology (Chem Techs)
LEC-EP-052	Offsite Dose Assessment (OSS, CRS, CCDAC)
LEC-EP-053	Offsite Dose Calculations and Protective Action Recommendations (RAC, ARAC, CCDAC)
LEC-EP-061	Radiological Monitoring
LEC-EP-071	NCO/NEO Emergency Response Duties
LEC-EP-083	Management Control of Emergencies (RM/ED/Mgrs)
LEC-EP-091	Emergency Response Training for Security Personnel

LEC-EP-115	ERO Tabletop Training
LEC-EP-118	First Responders-Emergency Organization and Facilities
LEC-EP-122	Overview of Severe Accident Guidelines
LEC-EP-124	Severe Accident Phenomena/Technical Support Guideline Training

Waterford 3 (WF3)

PAT Plant Access Training

RWT Radworker Training

Essential Personnel (1)

WLP-EP-ESS	Essential Personnel
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Facility Training (2)

WLP-EP-TSC	Technical Support Center
WLP-EP-OSC	Operational Support Center
WLP-EP-EOF	Emergency Operations Facility

Position Specific (3)

WLP-EP-EC	Emergency Coordinator
WLP-EP-TSPV	TSC Supervisor/TSC Supervisor Communicator
WLP-EP-SS	SM/CRS/NPO/Operations Coordinator/Operations Communicator/STA
WLP-NAO-EP01	Nuclear Auxiliary Operator
WLP-EP-THPC	TSC Health Physics/HPC/HPC Assistant/DAC/DAC Assistant
WLP-EP-DACM	Dose Assessment Communicator

WLP-EP-TCOM	TSC Communicator #1and #2/TSC Lead Communicator
WLP-EP-TENS	ENS Communicator
WLP-EP-SECS	Security Superintendent
WLP-EP-SEC	E-Plan Security
WLP-EP-TENG	TSC Engineer/TSC Lead Engineer/TSC Electrical Engineer/TSC Mechanical Engineer
WLP-EP-TNUC	TSC Nuclear Engineer
WLP-EP-TCHM	TSC Chemistry Engineer
WLP-EP-CHEM	Emergency Chemistry
WLP-EP-OSPV	OSC Supervisor/OSC Supervisor Assistant/OSC Electrical Lead/OSC I&C Lead/OSC Mechanical Lead
WLP-EP-OCOM	OSC Supervisor Communicator
WLP-EP-EMHP	Emergency HP Monitoring Team/RCC
WLP-EP-RDW	Emergency Radwaste
WLP-EP-OAAS	Assembly Area Supervisor
WLP-EP-TSBK	TSC Status Board Keeper
WLP-EP-TLOG	TSC Logkeeper
WLP-EP-OITR	OSC IT Representative
WLP-EP-OMAN	OSC Manpower/Electrical Maintenance/I&C Maintenance/ Mechanical Maintenance/ OSC Miscellaneous Support
WLP-EP-EDIR	EOF Director/Deputy EOF Director
WLP-EP-EEENG	EOF Engineer/EOF Electrical Engineer/EOF I&C Engineer/EOF Mechanical Engineer/Operations Engineering Coordinator/Operations Engineering Coordinator
WLP-EP-ENUC	EOF Nuclear Engineer

WLP-EP-ESBK	EOF Status Board Keeper
WLP-EP-ERAC	EOF Health Physics/RAC/RAC Assistant/Field Team Controller/Dose Projection Coordinator
WLP-EP-FTCM	EOF Field Team Communicator
WLP-EP-EOTA	Offsite Technical Advisor
WLP-EP-TSPK	Technical Spokesperson
WLP-EP-TREP	Technical Representative/St. Charles Parish Technical Representative/St. John Parish Technical Representative/State Technical Representative
WLP-EP-OTAT	Offsite Technical Advisor Assistant
WLP-EP-ECOM	EOF Communicator #1, #2, #3/Communications Coordinator
WLP-EP-EENT	Entergy System Liaison
WLP-EP-ELIC	Licensing Coordinator
WLP-EP-EADM	Administration/Logistics Coordinator
WLP-EP-ELOG	EOF Logkeeper/Administrative Assistant – Training/Administrative Assistant General/ EOF Procurement Representative

Severe Accident Management Overview (4)

Control Room

	11	12	13	14	15	16	17	21	22	24	25	26	31	32	SIMPI	45	60	62	63	71	72	73	81	82	83	SAM G*
Shift Manager	X	X	X	X	X	X	X	X		X	X		X		X	X		X		X			X	X		X
Shift Engineer	X	X	X			X		X		X			X		X	X							X	X	X	
SRO	X	X	X	X	X	X	X	X		X	X		X					X		X			X	X		X
RO	X	X	X		X	X					X		X												X	
Status Board Comm.	X	X	X			X				X			X			X									X	

*Courses provided by Operations Training

ANO ERO Position/TUOI Training Matrix – Annual Regualification Training
(See TUOI Listing)

Emergency Operations Facility (EOF)

	ASCBT/LEC-EP-ERORQ	ASDRL-EP-A0044	ASCBT-EP-A0083*
Acc. Assmt. Manager	X	X	X
Comm. Manager	X	X	X
Comm. Liaison	X	X	X
Dose Assessment Tm.	X		X
Dose Assmt. Supv.	X	X	X
Engineering	X		X
EOF Director	X	X	X
EOF HP Supv.	X	X	X
EOF Maint. Coord.	X	X	X
EOF Support Supt.	X	X	X
Emerg. Rad. Team	X		X
EP Duty	X		X
Notif. Communicator	X	X	X
Offsite Monit. Supv.	X	X	X
REAM	X	X	X
Status Board Comm.	X	X	X
Support Manager	X	X	X

*Required every three years

Operational Support Center (OSC)

	ASCBT/LEC-EP-ERORQ	ASDRL-EP-A0044	ASLP-EP-A0025	ASCBT-EP-A0083*
Elect. Maint. Supv.	X	X		X
Emerg. Medical Team	X		X	X
I&C Supv.	X	X		X
Maint. Supt.	X	X		X
Mech. Maint. Supv.	X	X		X
NCHEM Manager	X	X		X
OSC Director	X	X		X
OSC HP Supv.	X	X		X
Status Board Comm.	X	X		X

*Required every three years

Technical Support Center (TSC)

	ASCBT/LEC-EP-ERORQ	ASDRL-EP-A0044	ASCBT-EP-A0083*
Engineering Manager	X	X	X
Eng. Support TSC	X	X	X
Maint. Manager	X	X	X
Notif. Communicator	X	X	X
Operations Mgr.	X	X	X
RP&RW Manager	X	X	X
TSC Director	X	X	X
TSC Support Supt.	X	X	X
Status Board Comm.	X	X	X

*Required every three years

Control Room

	ASLP-EP-OPSRQ	ASDRL-EP-SIMPI	ASLP-EP-A0025	ASDRL-EP-A0044
Shift Manager	X	X		
Shift Engineer	X	X		
SRO	X			
RO			X	
Status Board Comm.				X

9.3 – GGNS Training Matrix

CONTROL ROOM

Emergency Positions	PAT FFD FFDS *	RWT*	RRT FIT PHYS*	ESSENTIAL TRNG**	EP DRILL	EPTS 2 OPS **	EPTS 3	EPTS 25	EPTS 6	EPTS 7	EPTS 19	OTHER
Fire Brigade	X	X	X	X								Fire Brigade Trng*
Operations Coordinator	X	X	X	X		X			X		X	
NLO/RWO	X	X	X	X				X				
RO	X	X	X	X		X			X		X	
Onshift Chemists	X	X	X	X	X		X			X		
SRO/STA	X	X	X	X		X			X		X	
Shift Manager	X	X	X	X	X	X			X		X	

ENMC/EIC

Emergency Positions	PAT/FFD/FFDS*	ESSENTIAL TRNG**	FACILITY TRNG	EPDRILL	EPTS 23	EPTS 14	OTHER
Company Spokesperson	X	X	X	X	X		
EIC Coordinator	X	X	X	X	X		
EIC Staff	X	X	X	X		X	
ENMC Clerical Coordinator	X	X	X	X			FW**
ENMC Clerical Staff	X	X	X	X			FW**
ENMC Manager	X	X	X	X	X		
ENMC Support Staff	X	X	X	X			FW**
Media Monitor	X	X	X	X			FW**
Technical Spokesperson	X	X	X	X	X		

EMERGENCY OPERATIONS FACILITY

Emergency Positions	PAT FFD FFDS*	RWT*	ESSENTIAL TRNG**	FACILITY TRAINING	EP DRILL	EPTS 7 see below	EPTS 6	EPTS 19	OTHER
Accident Assessment Engineer	X	X	X	X	X			X	
Emergency Support Manager	X	X	X	X	X	EPTS 24			
EOF Engineer Mechanical	X	X	X	X	X				
EOF Engineer Support	X	X	X	X	X				
EOF Engineer Electrical	X	X	X	X	X				
EOF Engineer Civil	X	X	X	X	X				
EOF Admin Director	X	X	X	X	X	EPTS 24 EPTS 25			
EOF Communicator	X	X	X	X	X	EPTS 25			
EOF Facility Coordinator	X	X	X	X	X	EPTS 24			
EOF Habitability Specialist	X	X	X	X	X	EPTS 5			Rad Monitor/ CAA Qualified or HP Qualified
Food & Lodging Coordinator	X	X	X	X	X	EPTS 24			Background check and MMP1***, and Breatholizer Training *
Licensing Coordinator	X	X							
Offsite Emergency Coordinator	X	X	X	X	X		X	X	
OEC Technical Assistant	X	X	X	X	X		X	X	
Offsite Monitoring Team Driver	X	X	X	X	X				RRT, FIT, PHYS* FW**
Offsite Monitoring Team Monitor	X	X	X	X	X	EPTS 5			RRT, FIT, PHYS*
Offsite Technical Advisors	X	X							
Plume Tracking Specialist	X	X	X	X	X	EPTS 5			
Radiation Emergency Manager	X	X	X	X	X	EPTS 3		X	
Radiological Assessment Coordinator	X	X	X	X	X	EPTS 3			
Tech/Eng. Support Manager	X	X	X	X	X	EPTS 24		X	
Radiological Assessment Dose Calculator	X	X	X	X	X	EPTS 3			

OPERATIONS SUPPORT CENTER

Emergency Positions	PAT FFD FFDS*	RWT*	RRT FIT PHYS*	ESSENTIAL TRNG**	FACILITY TRAINING	EP DRILL	EPTS ? See Below	EPTS g***	EPTS 11	CPR*	OTHER
Chemistry Teams/On-call Chemist	X	X	X	X	X	On-call chemist only	EPTS 7				
First Aid Team (Elec., I&C)	X	X	X	X	X			X		X	
First Aid Team (HP)	X	X	X	X	X			X or EMT		X or CPRP	
Health Physics Coordinator	X	X	X	X	X	X	EPTS 16				EPTS 2**
Search and Rescue Team (Mech, Elec, I&C)	X	X	X	X	X				X		EPTS 2** FOR I&C
Damage Control, Repair, Re-entry and Recovery (Mech, Elec, I&C)	X	X	X	X	X				X		
On-call Health Physicist	X	X	X	X	X	X	EPTS 5				EPTS 2**
On-shift HPs	X	X	X	X	X		EPTS 5				EPTS 2**
On-site Monitor	X	X	X	X	X	X	EPTS 5				
OSC Communicator	X	X		X	X						FW**
OSC Coordinator	X	X	X	X	X	X	EPTS 16				
OSC Planner	X	X		X	X						FW**

SECURITY

Emergency Positions	PAT/FFD/FFDS*	RWT*	RRT/FIT/PHYS*	EPTS ? See Below
Security Contract Personnel	X	X		EPTS 1 or 17
Security Coordinator	X	X		EPTS 17

TECHNICAL SUPPORT CENTER

Emergency Positions	PAT FFD FFDS*	RWT*	RRT FIT PHYS*	ESSENTIAL TRNG**	FACILITY TRAINING	EP DRILL	EPTS 2 **OPS	EPTS 7 See Below	EPTS 6	EPTS 19	OTHER
Computer Engineer	X	X		X	X	X					
Emergency Director	X	X		X	X	X	X		X	X	
Information Specialist	X	X		X	X	X			X	X	
Radiation Protection Manager	X	X		X	X	X		EPTS 3		X	EPTS 2**
Records Document Manager	X	X		X	X	X					FW**
Technical Manager	X	X		X	X	X	X		X	X	
TSC Communicator	X	X		X	X	X		EPTS 25			
TSC Coordinator	X	X		X	X	X	X		X	X	
TSC Coordinator Assistant	X	X		X	X	X	X		X	X	
Engineer (Elec, Mech)	X	X		X	X	X					
Radiological Assessment Dose Calculator	X	X		X	X	X		EPTS 3			
ENS Communicator	X	X		X	X	X		EPTS 25**			

KEY

- * Required every 13 months
- ** Required one time only
- ***Required every 3 years

9.5 – WF3 Training Matrix

CONTROL ROOM

	PAT	RWT	ESSENTIAL PERSONNEL	FACILITY TRAINING	POSITION SPECIFIC	SAMG
Operations Coordinator/Shift Manager	•	•	•	•	•	•
Control Room Supervisor	•	•	•	•	•	•
Nuclear Plant Operator	•	•	•	•	•	•
Operations Communicator	•	•	•	•	•	•
Shift Technical Advisor	•	•	•	•	•	•
Nuclear Auxiliary Operator	•	•	•	•	•	•

OPERATIONS SUPPORT CENTER (OSC)

	PAT	RWT	ESSENTIAL PERSONNEL	FACILITY TRAINING	POSITION SPECIFIC	SAMG
OSC Supervisor	•	•	•	•	•	
OSC Supervisor Assistant	•	•	•	•	•	
OSC Electrical Lead	•	•	•	•	•	
OSC I & C Lead	•	•	•	•	•	
OSC Mechanical Lead	•	•	•	•	•	
Security Superintendent	•	•	•	•	•	
OSC Supervisor Communicator	•	•	•	•	•	
OSC I.T. Representative	•	•	•	•	•	
Radiological Controls Coordinator	•	•	•	•	•	
H.P. Monitoring Team	•	•	•	•	•	
Radwaste	•	•	•	•	•	
Assembly Area Supervisor	•	•	•	•	•	
Electrical Maintenance	•	•	•	•	•	
I & C Maintenance	•	•	•	•	•	
Mechanical Maintenance	•	•	•	•	•	
OSC Miscellaneous Support	•	•	•	•	•	
Chemistry	•	•	•	•	•	

TECHNICAL SUPPORT CENTER (TSC)

	PAT	RWT	ESSENTIAL PERSONNEL	FACILITY TRAINING	POSITION SPECIFIC	SAMG
Emergency Coordinator	•	•	•	•	•	•
TSC Logkeeper	•	•	•	•	•	
TSC Supervisor	•	•	•	•	•	
TSC Supervisor Communicator	•	•	•	•	•	
Health Physics Coordinator	•	•	•	•	•	
Health Physics Coordinator Assistant	•	•	•	•	•	
Dose Assessment Coordinator	•	•	•	•	•	
Dose Assessment Coordinator Assistant	•	•	•	•	•	
Dose Assessment Communicator	•	•	•	•	•	
TSC Lead Communicator	•	•	•	•	•	
TSC Communicator (#1 & #2)	•	•	•	•	•	
ENS Communicator	•	•	•	•	•	
TSC Lead Engineer	•	•	•	•	•	•
TSC Electrical Engineer	•	•	•	•	•	•
TSC Mechanical Engineer	•	•	•	•	•	•
TSC Nuclear Engineer	•	•	•	•	•	•
TSC Chemistry Engineer	•	•	•	•	•	
TSC Status Board Keeper	•	•	•	•	•	
Offsite Technical Advisor	•	•	•	•	•	

EMERGENCY OPERATIONS FACILITY (EOF)

	PAT	RWT	ESSENTIAL PERSONNEL	FACILITY TRAINING	POSITION SPECIFIC	SAMG
EOF Director	•	•	•	•	•	•
Deputy EOF Director	•	•	•	•	•	•
Operations/Engineering Coordinator	•	•	•	•	•	
Operations/Engineering Coordinator Assistant	•	•	•	•	•	
EOF Electrical Engineer	•	•	•	•	•	
EOF I & C Engineer	•	•	•	•	•	
EOF Mechanical Engineer	•	•	•	•	•	
EOF Nuclear Engineer	•	•	•	•	•	•
EOF Status Board Keeper	•	•	•	•	•	
Radiological Assessment Coordinator	•	•	•	•	•	
Radiological Assessment Coordinator Assistant	•	•	•	•	•	
Field Team Controller	•	•	•	•	•	
Dose Projection Coordinator	•	•	•	•	•	
Field Team Communicator	•	•	•	•	•	
Offsite Technical Advisor	•	•	•	•	•	
Offsite Technical Advisor Assistant	•	•	•	•	•	
Communications Coordinator	•	•	•	•	•	
EOF Communicator (#1,#2,#3)	•	•	•	•	•	
Entergy System Liaison	•	•	•	•	•	
Licensing Coordinator	•	•	•	•	•	
Administrative/Logistics Coordinator	•	•	•	•	•	
EOF Logkeeper	•	•	•	•	•	
Administrative Assistant – Training	•	•	•	•	•	
Administrative Assistant – General	•	•	•	•	•	
EOF Procurement Representative	•	•	•	•	•	

OFFSITE REPS.

	PAT	RWT	ESSENTIAL PERSONNEL	FACILITY TRAINING	POSITION SPECIFIC	SAMG
St. Charles Parish Technical Representative	•	•	•	•	•	
St. John Parish Technical Representative	•	•	•	•	•	
State Technical Representative	•	•	•	•	•	

EMERGENCY NEWS CENTER (ENC)

	PAT	RWT	ESSENTIAL PERSONNEL	FACILITY TRAINING	POSITION SPECIFIC	SAMG
ENC Director			•	•	•	
Office Manager			•	•	•	
Logistics & Production Coordinator			•	•	•	
Logistics & Production Assistant			•	•	•	
Rumor Control Supervisor			•	•	•	
ENC Technical Spokesperson			•	•	•	
ENC Technical Spokesperson Assistant			•	•	•	
Media Monitoring/Response Supervisor			•	•	•	
Media Monitoring Assistant			•	•	•	
Media Response Assistant			•	•	•	
Government Affairs Coordinator			•	•	•	
ENC Secretary			•	•	•	
Audio Visual Operator			•	•	•	
Offsite Agency Coordinator			•	•	•	
St. Charles PR Representative			•	•	•	
St. John PR Representative			•	•	•	
Corporate Emergency Center Manager			•	•	•	
Security	•	•	•	•	•	