



TXU Energy
Comanche Peak Steam
Electric Station
P.O. Box 1002 (E01)
Glen Rose, TX 76043
Tel: 254 897 8920
Fax: 254 897 6652
lance.terry@txu.com

C. Lance Terry
Senior Vice President &
Principal Nuclear Officer

Ref: 10 CFR 50.54(q)
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CPSES-200301423
Log # TXX-03119

July 15, 2003

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

**SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES)
DOCKET NOS. 50-445 AND 50-446
TRANSMITTAL OF REVISED EMERGENCY PLAN PROCEDURES**

Gentlemen:

Enclosed is one copy of each of the Emergency Plan Procedures (EPP) (Controlled Copy Number 754) listed on the attachment.

If you have any questions regarding these changes, please contact
Mr. Robert J. Kidwell at (254) 897-5310.

A045

A member of the **STARS** (Strategic Teaming and Resource Sharing) Alliance

Callaway • Comanche Peak • Diablo Canyon • Palo Verde • South Texas Project • Wolf Creek

TXX-03119

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This communication contains no new licensing basis commitments regarding CPSES Units 1 and 2.

Sincerely,

TXU Generation Company LP

By: TXU Generation Management Company LLC,
Its General Partner

C. L. Terry
Senior Vice President and Principal Nuclear Officer

By: 
Fred W. Madden
Nuclear Licensing Manager

GRP
Attachment
Enclosure

- c - Region IV, Division of Reactor Safety, Senior Emergency Preparedness
Inspector (2 copies of enclosures; Control Nos. 754A and 754B)
W. D. Johnson, Region IV (w/o enclosures)
Resident Inspectors (1) (Information Only Copy of Enclosure)
D. H. Jaffe, NRR (1) (Information Only Copy of Enclosure)

Enclosed Emergency Plan Procedures (EPPs)

TRA-105, Revision 19, Emergency Preparedness Training (June 16, 2003)

PCN-TRA-105-R19-1 (June 20, 2003)

() denotes effective date

SPARCS201.R00
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TXU ELECTRIC
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Page 1 of 1
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754

QUALITY RELATED

EMERGENCY PREPAREDNESS TRAINING

PROCEDURE NO. TRA-105

REVISION NO. 19

EFFECTIVE DATE: 6-16-03

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CHANGES ARE NOT INDICATED

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PREPARED BY (Print): Greg Bell EXT: 5290

TECHNICAL REVIEW BY (Print): Kelly Faver EXT: 5628

APPROVED BY: Matt Bozeman D.M. Bozeman LMB DATE: 6-5-2003
EMERGENCY PLANNING MANAGER

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<p>EMERGENCY PREPAREDNESS TRAINING</p> <p>1.0 <u>PURPOSE</u></p> <p>The purpose of this procedure is to describe the Emergency Preparedness Training Program.</p> <p>2.0 <u>APPLICABILITY</u></p> <p>This procedure applies to TXU and contract employees at Comanche Peak Steam Electric Station (CPSES).</p> <p>3.0 <u>REFERENCES</u></p> <p>3.1 STA-106, Nuclear Training Records</p> <p>3.2 STA-302, Station Records</p> <p>3.3 STA-419, Training and Program Review Boards</p> <p>3.4 TRA-600, Nuclear Training Department Instructor Training</p> <p>3.5 NTP-104, Development</p> <p>3.6 Security Qualification and Training Plan</p> <p>3.7 EP Staff Guideline 15, Remedial Training</p> <p>3.8 EP Staff Guideline 20, NRC Performance Indicators</p> <p>3.9 INPO 96-009, Maintaining Emergency Preparedness Manual</p> <p>3.10 NEI 99-02, Regulatory Assessment Performance Indicator Guideline</p> <p>3.11 NTP-105, Implementation</p> <p>3.12 EP Staff Guideline 01, Emergency Planning Writer's Guide</p>		

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<p data-bbox="155 321 669 357">4.0 <u>DEFINITIONS/ACRONYMS</u></p> <p data-bbox="155 410 389 446">4.1 <u>Acronyms</u></p> <p data-bbox="254 500 931 536">4.1.1 <u>ERO</u> - Emergency Response Organization</p> <p data-bbox="254 589 872 625">4.1.2 <u>PAD</u> - Position Assistance Document</p> <p data-bbox="155 678 401 715">4.2 <u>Definitions</u></p> <p data-bbox="254 768 1450 932">4.2.1 <u>Continuing Training</u> - Training required to maintain an individual's ERO qualifications; may cover topics such as: EP bulletins, plant and industry events, management expectations (ERO), drill and exercise findings, personnel protective actions (e.g., safety, dose limits, etc.), and program/facility changes.</p> <p data-bbox="254 985 1356 1064">4.2.2 <u>Emergency Response Organization (ERO)</u> - Personnel assigned to perform selected emergency response tasks during a declared emergency.</p> <p data-bbox="254 1117 1199 1153">4.2.3 <u>Initial Training</u> - Training required for assignment to the ERO.</p> <p data-bbox="254 1206 1450 1285">4.2.4 <u>Key ERO positions</u> - Personnel in the CPSES ERO who have the responsibility to perform safety-significant functions as identified in NEI 99-002.</p> <p data-bbox="254 1338 1417 1417">4.2.5 <u>Offsite Response Agencies</u> - offsite emergency organizations and agencies who may be called upon to provide assistance in the event of an emergency.</p> <p data-bbox="254 1470 1402 1549">4.2.6 <u>Plant staff</u> - personnel employed or contracted by TXU who are involved in or support the operation, construction, and maintenance of CPSES.</p> <p data-bbox="254 1602 1268 1638">4.2.7 <u>Remedial Training</u> - Training to correct unsatisfactory performance.</p> <p data-bbox="254 1691 1417 1770">4.2.8 <u>Walkdown</u> - Accomplishment of position specific tasks by simulating, walking through, or performing tasks at the job site.</p>		

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<div data-bbox="153 314 558 353"> <p>5.0 <u>RESPONSIBILITIES</u></p> </div> <div data-bbox="153 402 598 440"> <p>5.1 <u>Nuclear Training Manager</u></p> </div> <div data-bbox="252 489 464 527"> <p>Responsible for:</p> </div> <div data-bbox="252 576 1384 617"> <ul style="list-style-type: none"> ● Processing training records and associated documents per STA-106 and STA-302. </div> <div data-bbox="153 666 789 704"> <p>5.2 <u>Emergency Planning Manager [C-03192]</u></p> </div> <div data-bbox="252 753 464 791"> <p>Responsible for:</p> </div> <div data-bbox="252 840 1311 1055"> <ul style="list-style-type: none"> ● Identifying the training needs of CPSES Emergency Response Organization. ● Periodically reviewing this program for effectiveness. ● Maintaining this procedure current. ● Reviewing and approving CPSES ERO lesson plans. ● Reviewing or concurring with training waivers/exemptions per STA-106. </div> <div data-bbox="153 1104 814 1142"> <p>5.3 <u>CPSES Emergency Response Organization</u></p> </div> <div data-bbox="252 1191 1093 1232"> <p>Responsible for completing training activities per this procedure.</p> </div> <div data-bbox="153 1281 500 1319"> <p>6.0 <u>INSTRUCTIONS</u></p> </div> <div data-bbox="153 1368 518 1406"> <p>6.1 <u>General Information</u></p> </div> <div data-bbox="252 1455 1445 1670"> <p>6.1.1 The Emergency Preparedness Training Program is administered at group levels. The extent of training that each group receives is dependent on an individual's responsibility to emergency preparedness. Typically, ERO members are selected on the bases of an individual's background (training, experience, etc), management input, or professional judgement.</p> </div> <div data-bbox="252 1719 835 1757"> <p>6.1.2 The groups are divided as follows:</p> </div> <div data-bbox="318 1806 844 1934"> <ul style="list-style-type: none"> ● Plant staff ● Emergency Response Organization ● Offsite Response Agencies </div>		

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6.1.3	A Position-vs-Training Matrix (ATTACHMENT 8.1.1) outlines training requirements for specific positions on the CPSES Emergency Response Organization Roster.	
6.1.4	A Course Catalog (ATTACHMENT 8.1.2) summarizes the training courses.	
6.1.5	Presentation of Emergency Response Organization training is not limited to classroom instruction; for example: computer based training, seminars, self-study, or table-top drills may be used.	
6.2	<u>Training Per Personnel Groups</u>	
6.2.1	Plant Staff	
6.2.1.1	Information on reporting emergencies and expected actions shall be presented to the individuals when they are initially processed into the site (typically Plant Access Training or vendor/contractor indoctrination). (C-23561)	
6.2.1.1.1	Security personnel are trained per the Security Training and Qualification Plan.	
6.2.2	Emergency Response Organization	
6.2.2.1	Initial Training Requirements	
	NOTE: A good practice is to allow new or potential ERO members to observe a peer during an exercise.	
6.2.2.1.1	To be assigned to the Emergency Response Organization (ERO) prospective ERO members shall successfully complete initial training requirements and reading assignments for their ERO position as specified on Attachment 8.1.1 Position vs Training Matrix. [C-05652]	
6.2.2.1.2	Successful completion of initial training is accomplished by scoring 80% or above on a written examination.	

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EMERGENCY PREPAREDNESS TRAINING		<div data-bbox="574 357 1457 527"> <p>6.2.2.1.3 Prospective ERO members should be evaluated in the position by either a walkdown (preferred) or drill/exercise participation prior to being placed on the roster.</p> </div> <div data-bbox="574 578 1457 749"> <p>6.2.2.1.4 Satisfactory demonstration of the performance evaluated by an Emergency Planning representative is a satisfactory (SAT) rating on an individual's ERO evaluation sheet.</p> </div> <div data-bbox="383 800 1034 842"> <p>6.2.2.2 Continuing Training Requirements</p> </div> <div data-bbox="574 889 1367 970"> <p>Every calendar year ERO members should attend continuing training.</p> </div> <div data-bbox="637 974 713 1012"> <p>AND</p> </div> <div data-bbox="574 1064 1321 1144"> <p>Every two calendar years personnel in positions listed on Attachment 8.1.3, "Key ERO Positions", should:</p> </div> <div data-bbox="637 1195 1457 1630"> <p>participate in an exercise or drill in their ERO position and receive a satisfactory (SAT) rating on an Emergency Response Organization Drill/Exercise Evaluation Sheet. (Other ERO members should participate in an exercise or drill every two calendar years.) [NOTE: Participation is tracked in accordance with EP Staff Guideline 20. Also, ERO members with two position assignments receive credit for both when participating or evaluating either position during an exercise. This practice is consistent with the NRC guidance provided in NEI 99-02.]</p> </div> <div data-bbox="756 1638 789 1672"> <p>or</p> </div> <div data-bbox="637 1681 1357 1761"> <p>perform as a Controller/Evaluator for their position (or equivalent) in a drill or exercise.</p> </div> <div data-bbox="756 1770 789 1804"> <p>or</p> </div> <div data-bbox="637 1813 1430 1983"> <p>receive a satisfactory (SAT) rating on an ERO Position Walkdown Evaluation Sheet. [NOTE: A walkdown may not be used to satisfy the NRC performance indicator participation.]</p> </div>

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<div data-bbox="383 314 789 353"> <p>6.2.2.3 Disqualification</p> </div> <div data-bbox="574 404 1455 485"> <p>6.2.2.3.1 Disqualification for emergency response duties for an ERO member results from:</p> </div> <div data-bbox="761 536 1172 614"> <p>less than 80% on written exam; or</p> </div> <div data-bbox="753 668 1410 789"> <p>an unsatisfactory (UNSAT) rating verified by Emergency Planning on an ERO evaluation sheet; or</p> </div> <div data-bbox="753 844 1354 925"> <p>failure to complete annual continuing training requirements identified in paragraph 6.2.2.2.</p> </div> <div data-bbox="574 976 1359 1057"> <p>6.2.2.3.2 Guidance to requalify personnel to the ERO is contained in EP Staff Guideline 15.</p> </div> <div data-bbox="454 1108 863 1146"> <p>6.2.2.4 Former ERO member</p> </div> <div data-bbox="574 1198 1437 1408"> <p>An individual who has been away from the ERO for less than two (2) calendar years should complete position specific training and be evaluated in the position prior to being placed on the ERO roster; otherwise, the initial training requirements should be completed. .</p> </div> <div data-bbox="454 1461 1419 1672"> <p>6.2.2.5 Waivers and/or exemptions may be granted for classroom study, self-study, and/or CBT training but not qualification. For qualification, the individual should have their performance evaluated and receive a satisfactory (SAT) rating on an ERO Position Walkdown Evaluation Sheet.</p> </div>		

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<div data-bbox="237 310 873 351"> <p>6.2.3 Offsite Response Agencies [C-05654]</p> </div> <div data-bbox="370 400 1432 523"> <p>Training is offered to Offsite Response Agencies annually. The training is conducted or coordinated by TXU representatives. Training includes such topics as:</p> </div> <div data-bbox="373 576 1392 1276"> <ul style="list-style-type: none"> ● State and local government emergency plans ● Offsite direction, control, and decision making ● Facility staffing, activation, and operation ● Alerting and informing the public ● Protective action guides ● Establishment of Relocation Centers ● Site access for fire department, ambulance/rescue, and law enforcement personnel ● Squaw Creek Park evacuation ● Set up and management of the Radiation Emergency Area at designated hospitals ● Radiological orientation, including exposure/contamination control and decontamination ● Distribution of information to the news media and public ● Familiarization with CPSES Emergency Classification methodology ● School and special facility response to a CPSES emergency </div> <div data-bbox="242 1323 563 1364"> <p>6.3 <u>Training Materials</u></p> </div> <div data-bbox="308 1410 1204 1451"> <p>6.3.1 Lesson Plans should be developed for classroom training.</p> </div> <div data-bbox="308 1498 1399 1581"> <p>6.3.2 Lesson Plans should describe the objectives of the lesson and provide sufficient guidance to the instructor to ensure consistency of instruction.</p> </div> <div data-bbox="308 1630 1184 1668"> <p>6.3.3 Lesson Plan format should be consistent with NTP-104.</p> </div> <div data-bbox="308 1717 1397 1802"> <p>6.3.4 Lesson material revisions should be review by a second person, e.g., EP Manager, EP training coordinator, or a subject matter expert.</p> </div> <div data-bbox="308 1849 1377 1932"> <p>6.3.5 Lesson materials should be reviewed annually as specified in EP Staff Guideline 01.</p> </div>		

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<div data-bbox="254 314 584 357"> 6.4 <u>Program Evaluation</u> </div> <div data-bbox="320 400 1328 442"> 6.4.1 An annual Program Review should be accomplished per STA-419. </div> <div data-bbox="320 485 1443 578"> 6.4.2 Emergency Response Organization (ERO) members shall be encouraged to provide feedback on training and exercises. [C-27028] </div> <div data-bbox="155 621 403 663"> 7.0 <u>FIGURES</u> </div> <div data-bbox="254 706 337 749"> None </div> <div data-bbox="155 791 640 842"> 8.0 <u>ATTACHMENTS/FORMS</u> </div> <div data-bbox="254 885 492 927"> 8.1 <u>Attachments</u> </div> <div data-bbox="320 970 766 1144"> <div data-bbox="320 970 766 1012">8.1.1 Position-vs-Training Matrix</div> <div data-bbox="320 1012 601 1055">8.1.2 Course Catalog</div> <div data-bbox="320 1055 650 1098">8.1.3 Key ERO Positions</div> <div data-bbox="320 1098 634 1140">8.1.4 Evaluation Sheets</div> </div> <div data-bbox="254 1187 409 1234"> 8.2 <u>Forms</u> </div> <div data-bbox="320 1276 403 1319"> None </div> <div data-bbox="155 1361 419 1408"> 9.0 <u>RECORDS</u> </div> <div data-bbox="254 1451 1433 1544"> When completed, the following documents generated in response to this procedure for the ERO should be handled in accordance with STA-106, "Nuclear Training Records." </div> <div data-bbox="254 1587 888 1630"> 9.1 ERO Position Walkdown Evaluation Sheet </div> <div data-bbox="254 1672 1205 1719"> 9.2 Emergency Response Organization Drill/Exercise Evaluation Sheet </div>		

ATTACHMENT 8.1.1
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POSITION-VS-TRAINING MATRIX

CONTROL ROOM

<u>POSITION</u>	<u>INITIAL TRAINING</u>	<u>RECOMMENDED READING</u>
CR Communicator	PAT, RWT, RPT(SCBA) ⁽¹⁾ , ERB, ECN	ODA-102, EPP-116, EPP-203, EPP-205, EPP-306, PAD
Shift Technical Advisor	PAT, AC1, DAP, ERB, PAR	EPP-121, EPP-201, EPP-303, EPP-304, ODA-102, PAD (Dose Assessor)
Shift Manager and Shift Manager Qualified persons (Emergency Coordinator)	PAT, AC1, ERB, EVA, PAR, ECN, SAM (Implementor)	EPP-109, EPP-121, EPP-201, EPP-304, EPP-305, EPP-306, EPP-314, ODA-102, STA-211, SEC-610, PAD SACRG-1, SACRG-2
Ops Status Board Comm.	PAT, ERB	EPP-204, PAD
Operations Advisor	PAT, ERB	EPP-204, EPP-201, PAD

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POSITION-VS-TRAINING MATRIX

EMERGENCY OPERATIONS FACILITY

<u>POSITION</u>	<u>INITIAL TRAINING</u>	<u>RECOMMENDED READING</u>
Clerks (EOF, Manager, & Manpower)	PAT, ERB	EPP-206, PAD
Comm. Coordinator	PAT, ERB, ECN	EPP-202, EPP-203, EPP-206, PAD
Communicator	PAT, ECN, ERB	EPP-203, EPP-206, PAD
Contracts Coordinator	PAT, ERB	EPP-206
Dose Assessor	PAT, DAP, ERB	EPP-206, EPP-303, Radiological Workbook, PAD
HP Network Comm.	PAT, ERB	EPP-206, PAD
Log. Support Coord.	PAT, ERB	EPP-206, PAD
Manager (Emergency Coordinator)	PAT, ERB, EVA, PAR, AC1, SAM ⁽¹⁾ (Decision Maker)	EPP-109, EPP-121, EPP-201, EPP-206, EPP-304, EPP-305, EPP-306, EPP-314, PAD
Manpower Coord.	PAT ⁽¹⁾ , ERB	EPP-206, PAD
Offsite Mon. Tm. Comm.	PAT, ERB, ORS	EPP-206, EPP-309, PAD
Offsite Mon. Tm. Dir.	PAT, ERB, ORS	EPP-206, EPP-309, PAD
OffRAC	PAT, ERB, PAR, DAP, EVA	EPP-206, EPP-304, EPP-305, EPP-306, PAD EPP-314, EPP-309, Radiological Workbook,
Ops Status Bd. Recorder	PAT, ERB	EPP-206, PAD
Procurement Coord.	PAT, ERB	EPP-206
Rad. Prot. Coord.	PAT, ERB, EVA, PAR, DAP ⁽¹⁾	EPP-206, EPP-304, EPP-306, EPP-314, PAD
Rad Status Bd. Recorder	PAT, ERB	EPP-206, PAD
Tech.	PAT, ERB	EPP-206, PAD
Security Coordinator	PAT, ERB	EPP-206, EPP-314, SEC-610, PAD
Seq. of Events Bd. Rec.	PAT, ERB	EPP-206, PAD
EOF/TSC Liaison	PAT, ERB, AC1	EPP-201, EPP-206
Trans. Veh. Driver	PAT, ERB, RWT ⁽¹⁾	EPP-206
Veh. Drivers-Field Tm.	PAT, RWT, ERB, ORS	EPP-206, EPP-305, EPP-306, EPP-309

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POSITION-VS-TRAINING MATRIX**

EXTERNAL (EXT.)

<u>POSITION</u>	<u>INITIAL TRAINING</u>	<u>RECOMMENDED READING</u>
IT Service Coord.	PAT ⁽¹⁾ , ERB	EPP-206
EP Advisor	PAT, AC1, ECN, ERB, PAR, EVA, DAP	EPP-109, EPP-121, EPP-201, EPP-203, EPP-204, EPP-205, EPP-206, EPP-207, EPP-303, EPP-304, EPP-309, EPP-312, EPP-314
County EOC Advisor	AC1, ECN, ERB, PAR	EPP-201, EPP-203, EPP-304, PAD
State EOC Advisor	AC1, ERB, PAR	EPP-201, EPP-304

NEWS CENTER

<u>POSITION</u>	<u>INITIAL TRAINING</u>	<u>RECOMMENDED READING</u>
Aide	PAT ⁽¹⁾ , ERB	EPP-207, PAD
Audio Visual Aide	PAT ⁽¹⁾ , ERB	EPP-207, PAD
Company Spokesperson	PAT, ERB	EPP-207, PAD
Elec Media Monitoring Aide	PAT, ERB	EPP-207
Information Coord.	PAT, ERB	EPP-207, PAD
Information Liaison	PAT, ERB	EPP-207, PAD
Media Monitoring Aide	PAT, ERB	EPP-207, PAD
News Conference Mgr.	PAT, ERB	EPP-207, PAD
News Release Writer	PAT, ERB	EPP-207, PAD
Rumor Control Aide	PAT, ERB	EPP-207, PAD
Rumor Control Coord.	PAT, ERB	EPP-207, PAD

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POSITION-VS-TRAINING MATRIX

OPERATIONS SUPPORT CENTER

<u>POSITION</u>	<u>INITIAL TRAINING</u>	<u>RECOMMENDED READING</u>	
Chemistry Coordinator	PAT, ERB	EPP-116, EPP-205, PAD	
Chemistry Technician	PAT, RWT, RPT(SCBA) ⁽¹⁾ , ERB ⁽¹⁾ , HCI	EPP-205, EPP-305, EPP-306, EPP-309, STA-211	
Clerk	PAT, ERB	EPP-205, PAD	
ERDC Coordinator	PAT, ERB	EPP-116, EPP-205, PAD (ERDC Supv & OSC Manager)	
ERDC Electrician Mechanic I&C Technician	PAT, RWT, RPT(SCBA) ⁽¹⁾ , ERB ⁽¹⁾	EPP-116, EPP-205, EPP-306	
First Aid & Rescue	PAT, RWT, RPT(SCBA) ⁽¹⁾ , ERB ⁽¹⁾ , HCI	EPP-205, EPP-305, EPP-306, STA-211	
Manager	PAT, ERB	EPP-116, EPP-205, PAD	
RP Technician	PAT, RWT, RPT(SCBA) ⁽¹⁾ , ERB ⁽¹⁾ , ORS	EPP-116, EPP-205, EPP-305, EPP-309, PAD (Offsite Team)	
Rad. Prot. Coordinator	PAT, ERB, ORS	EPP-116, EPP-205, EPP-305, EPP-306, EPP-309, EPP-314, STA-211, PAD	
Rad. Status Bd. Rec.	PAT, ERB	EPP-205, PAD	
Seq. of Events Bd. Rec.	PAT, ERB	EPP-205, PAD	
Team Communicator	PAT, ERB	EPP-205, PAD	

ATTACHMENT 8.1.1

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POSITION-VS-TRAINING MATRIX

TECHNICAL SUPPORT CENTER

<u>POSITION</u>	<u>INITIAL TRAINING</u>	<u>RECOMMENDED READING</u>
Comm. Coordinator or Communicator	PAT, ECN, ERB	EPP-203, EPP-204, PAD
Eng. Team (Elect.)	PAT, ERB	EPP-204, Engineering Workbook
Eng. Team (Analysis)	PAT, ERB, SAM (Evaluator)	EPP-204, EPP-312, Engineering Workbook, DFC, SAG's, SCST, SCG's, SAEG's, CA's
Eng. Team (I&C)	PAT, ERB	EPP-204, Engineering Workbook
Eng. Team (Mech.)	PAT, ERB	EPP-204, Engineering Workbook
Eng. Team (Nuc.)	PAT, ERB	EPP-204, EPP-312, Engineering Workbook
Eng. Team (Ops.)	PAT, ERB, AC1	EPP-203, EPP-204, EPP-201, Engineering Workbook
Eng. Team (SAM)	PAT, ERB, SAM (Evaluator)	EPP-204, EPP-312, Engineering Workbook, DFC, SAG's, SCST, SCG's, SAEG's, CA's
Eng. Team Coordinator	PAT, ERB, AC1	EPP-201, EPP-204, EPP-312, Engineering Workbook, PAD
ENS Communicator	PAT, ERB	EPP-203, EPP-204, PAD
ERF Computer Operator	PAT, ERB	EPP-204, SDS Operator's Guide, PAD
Manager or Operations Coordinator (Emergency Coordinator)	PAT, AC1, ERB, EVA, PAR, SAM (Decision Maker)	EPP-109, EPP-121, EPP-201, EPP-204, EPP-304, EPP-305, EPP-306, EPP-314, SEC-610, PAD
OnRAC or Rad. Status Bd. Recorder	PAT, EVA, ERB, PAR, DAP	EPP-204, EPP-303, EPP-304, EPP-305, EPP-306, EPP-314, EPP-309, STA-211, Radiological Workbook, PAD
Rad. Status Bd. Recorder*	PAT, ERB	EPP-204, PAD
Ops. Status Bd. Recorder	PAT, ERB	EPP-204, PAD
Seq. of Events Bd. Rec.	PAT, ERB	EPP-204, PAD

*If individual will not be qualified as an OnRAC.

(1) This course is recommended for this position but is not required for ERO qualification.

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COURSE CATALOG

Accident Classification (AC1)

Covers the following topics:

- evaluation of initiating conditions to determine whether emergency class should be declared, escalated, or terminated.
- criteria for reentry to a previously evacuated onsite areas.
- criteria for closeout of emergency.
- criteria for activation of the Recovery Organization.

Dose Assessment & Projections (DAP)

Covers the following topics:

- gathering radiological, meteorological, and operational data to support dose projections.
- data input to perform computer based dose projections.

Emergency Communications - Notifications (ECN)

Covers the following topics:

- tasks associated with offsite emergency notifications.
- tasks associated with the transfer of emergency notification duties.
- use of the EP Notification Message Computer.

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COURSE CATALOG

Emergency Response Basics (ERB)

Covers the following topics:

- Emergency Plan and Procedures
- Emergency Classifications
- Emergency Response Facilities
- CPSES Emergency Response Organization
- Emergency Response Equipment
- Offsite interfaces
- Personnel protective measures
- Closeout and recovery

Onsite Protective Actions (EVA)

Covers the following topics:

- evacuation of personnel from buildings, areas, and the site.
- accountability of personnel following a site evacuation.
- habitability monitoring of emergency response facilities
- relocation of emergency response facilities
- approval and issue of potassium iodide (I)
- radiological work controls.

Handling Contaminated Injured (HCI)

Covers the control of contamination and exposure without compromising medical care.

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COURSE CATALOG

Onsite & Offsite Radiological Monitoring (ORS)

Covers the following topics:

- tasks associated with in-plant survey teams.
- tasks associated with onsite survey teams.
- tasks associated with offsite monitoring teams.

Plant Access Training (PAT)

Covers the requirements to obtain unescorted access into the Protected Area.

Protective Action Recommendations (PAR)

Covers the following topics:

- developing protective action recommendations.
- approving protective action recommendations.

Radiation Worker Training (RWT)

Covers the requirements for entry into Radiologically Controlled Areas.

Respiratory Protection Training (RPT)

Covers the requirements for the use of respiratory protective equipment.

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COURSE CATALOG

Severe Accident Management (SAM)

Implementors:

Training session includes the following four modules of training:

- Overview for SAMG (OPB1.SAM.AG1)
- Executive Volume for Control Room (OPB1.SAM.AG2)
- SACRG-1 (OPB1.SAM.AG3)
- SACRG-2 (OPB1.SAM.AG4)

Evaluators

Training session includes the following modules of training:

- Overview for SAMG (OPB1.SAM.AG1)
- SAMG for the TSC (EP21.SAM.XY1)
 - Executive Volume for the TSC
 - DFC/SCST
 - Instrumentation
 - SACRG-1 and 2
- Guidelines for the TSC (EP21.SAM.XY2)

Decision Maker

Training session includes the following modules of training:

- Overview for SAMG (OPB1.SAM.AG1)
- SAMG for the TSC (EP21.SAM.XY1)
 - Executive Volume for the TSC
 - DFC/SCST
 - Instrumentation
 - SACRG-1 and 2

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KEY ERO POSITIONS

CONTROL ROOM

Shift Manager

TSC

TSC Manager

TSC Ops Coordinator

TSC ONRAC

TSC Communications Coordinator

TSC Communicator

TSC Rad Status Board Recorder

TSC Engineering Team Coordinator

OSC

OSC Manager

EOF

EOF Manager

EOF RP Coordinator

EOF OFFRAC

EOF Communications Coordinator

EOF Communicator

ATTACHMENT 8.1.4

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**Emergency Response Organization Drill/Exercise Evaluation Sheet
(Typical)**

EMERGENCY RESPONSE ORGANIZATION DRILL/EXERCISE EVALUATION SHEET

ERO Position: _____

Player's Name: _____

INSTRUCTIONS: Using the criteria below, rate each task. Comments may be written on the front or back of this form.

3 Assembly and promptly executed tasks	2 Minor errors, but meets primary conditions in every instance	1* Significant errors, failed to meet clearly essential conditions *REQUIRES COMMENT	N/A Not applicable for this assignment	N/D Not observed	STRENGTH Actions beyond the assigned tasks *REQUIRES COMMENT	5* N/A NO 5*
STAFF the position.				3	2	1* N/A NO 5*
CONDUCT skin walk.				3	2	1* N/A NO 5*
RESTORE facility equipment and supplies.				3	2	1* N/A NO 5*
				3	2	1* N/A NO 5*

Overall Evaluation Criteria:

1. If the individual has less than six tasks and scores less than one rating of "1" then the overall evaluation is UNSAT.
2. If the individual has six or more tasks and receives more than two ratings of "1" then the overall evaluation is UNSAT.
3. Any performance which prevents an exercise objective from being met constitutes an overall evaluation of UNSAT.

Overall Evaluation **SAT / UNSAT**
(circle one)

Evaluator's Name: _____

Date: _____

Print / Sign

END

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ERO Position Walkdown Sheet
(Typical)

18-Sep-01

ERO POSITION WALKDOWN EVALUATION SHEET

ERO Position: _____

Trainee Name: _____

INSTRUCTIONS: Using the guidance below, indicate a performance level for each task and evaluate each task.

- P (Exceeds) - Accomplishment of task on actual equipment using necessary tools, references, and materials as in the normal job environment.
S (Satisfies) - Accomplishment of task by simulating task performance at the job site or through task performance on a mock-up device similar to the actual equipment and work environment.
D (Defers) - Accomplishment of task or job performance by explanation.
SAT - Requires satisfactory performance of the task and steps. Trainee can "perform" task without coaching from other individuals.
UNSAT - In judgment of the evaluator, trainee can only "perform" task with coaching from other individuals.

Task	Performance Level			Evaluation	
	P	S	D	SAT	UNSAT
START the position.	P	S	D	SAT	UNSAT
CONDUCT shift relief.	P	S	D	SAT	UNSAT
RESTORE facility equipment and supplies.	P	S	D	SAT	UNSAT

Overall Evaluation Criteria:

1. If the ERO position has less than six tasks and more than one rating of "UNSAT", then the overall evaluation is "UNSAT".
2. If the ERO position has six or more tasks and receives more than two ratings of "UNSAT", then the overall evaluation is "UNSAT".

Overall Evaluation: SAT / UNSAT
(circle one)

Evaluator's Name: _____

Date: _____

Print / Sign

COMMENTS:

SPARCS201.R00
DATE: 06/20/03

TXU ELECTRIC
SPARCS

Page 1 of 1
TIME: 01:40:45

DOCUMENT ROUTING CONTROL LIST

BATCH NUMBER : 13402
CONTROL COPY #: 0754

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DRCL NUMBER: 0306-02403

STAMP : N

COPYHOLDER : JESPERSEN

GAYLE

LOCATION : SUPPORT SERVICES
BUILDING

<u>ACTION</u>	<u>STA</u>	<u>TYPE</u>	<u>NUMBER</u>	<u>SHEET</u>	<u>REV</u>	<u>QTY</u>
CH NOTICE	APP	PCN	0001			1
			EFFECTIVE DATE: 06/20/03			
	APP	TPTRA	TRA-105		19	

Note: Copies used to perform fabrication, installation or inspection activities should be verified current in the SPARCS Database or by contacting Document Control prior to use.

CPSES PROCEDURE CHANGE FORM

DATE 6-20-03 PREPARER Kelly Faver (PRINT NAME) EXT. 5028
 PCN TRA-105 R19 PCN 1 WO# N/A
 TITLE Emergency Preparedness Training

CHANGED PAGE NO(s) 13

CHANGE JUSTIFICATION Due to change to Emergency Plan the following changes have been made. Added CPR and First Aid to Initial Training requirements for Chemistry Technicians; Changed Position First Aid & Rescue to read First Aid Team and added CPR and First Aid to Initial Training requirements for First Aid Team; Added HCL as recommended Initial Trng for RP Tech.

PREPARER (Signature/Date) Kelly Faver 6/20/03

If change is editorial, THEN circle or mark "YES".

YES

Editorial changes, as limited by STA-205, Attachment 8.B, do not require Technical Review or Safety Evaluation Screen.

TECHNICAL REVIEWER: Ted Robinson Sally Miller
 (Printed Name and Signature)

Date: 06/20/03

EXT. 5476

PROCEDURE CHANGE INTERIM APPROVAL

If the change does not change the intent of the procedure and the change must be incorporated immediately, then complete this section; otherwise, route in accordance with Section III for review and approval.

QUALIFIED REVIEWER: _____
 (Printed Name and Signature)

Date: _____

EXT. _____

SHIFT or UNIT SUPERVISOR: _____
 (Printed Name and Signature)

Date: _____

EXT. _____

REMARKS _____

PROCEDURE CHANGE APPROVAL

REVIEW ORGANIZATION	APPROVED (Yes/No)	QUALIFIED REVIEW (Init/Date)
NOD	yes	<u>EPD</u> 6/20/03
TRNG	yes	<u>ATS</u> 6/20/03

TRAINING/READING RECOMMENDED: YES ___ NO X IF YES, THEN SPECIFY: _____

UPDATE OF PROCEDURES/FORMS USED FOR IN-PROGRESS ACTIVITIES REQUIRED: YES ___ NO X
 IF YES, THEN SPECIFY DATE (effective date or other specified date): _____

SORC Meeting No. and Date (If Applicable) N/A

APPROVED BY: [Signature]
 (Signature) (Print name if not approval authority and change is editorial)

EFFECTIVE DATE: 6-20-2003

DATE: 6-20-2003

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POSITION-VS-TRAINING MATRIX

OPERATIONS SUPPORT CENTER

<u>POSITION</u>	<u>INITIAL TRAINING</u>	<u>RECOMMENDED READING</u>	
Chemistry Coordinator	PAT, ERB	EPP-116, EPP-205, PAD	
Chemistry Technician	PAT, RWT, RPT(SCBA) ⁽¹⁾ , ERB ⁽¹⁾ , HCl, CPR, First Aid	EPP-205, EPP-305, EPP-306, EPP-309, STA-211	Δ
Clerk	PAT, ERB	EPP-205, PAD	
ERDC Coordinator	PAT, ERB	EPP-116, EPP-205, PAD (ERDC Supv & OSC Manager)	
ERDC Electrician Mechanic I&C Technician	PAT, RWT, RPT(SCBA) ⁽¹⁾ , ERB ⁽¹⁾	EPP-116, EPP-205, EPP-306	
First Aid & Rescue Team	PAT, RWT, RPT(SCBA) ⁽¹⁾ , ERB ⁽¹⁾ , HCl, CPR, First Aid	EPP-205, EPP-305, EPP-306, STA-211	Δ
Manager	PAT, ERB	EPP-116, EPP-205, PAD	
RP Technician	PAT, RWT, RPT(SCBA) ⁽¹⁾ , ERB ⁽¹⁾ , ORS, HCl ⁽¹⁾	EPP-116, EPP-205, EPP-305, EPP-309, PAD (Offsite Team)	Δ
Rad. Prot. Coordinator	PAT, ERB, ORS	EPP-116, EPP-205, EPP-305, EPP-306, EPP-309, EPP-314, STA-211, PAD	
Rad. Status Bd. Rec.	PAT, ERB	EPP-205, PAD	
Seq. of Events Bd. Rec.	PAT, ERB	EPP-205, PAD	
Team Communicator	PAT, ERB	EPP-205, PAD	

Δ KDF TRA-105 R19-1
6-20-03