

DATE: 10/17/03
TIME: 09:43:18

AMEREN/UE
DOCUMENT CONTROL SYSTEM
DOCUMENT TRANSMITTAL

PAGE: 38
ARDC8801

TRANSMITTAL NUMBER: 516282
TO CONTROL NUMBER: 338U
TITLE: OTHER
DEPT: NUCLEAR REGULATORY COMM.
LOCATION: USNRC - WASH DC
TRANSMITTAL DATE: 20031017

RETURN ACKNOWLEDGED TRANSMITTAL AND
SUPERSEDED DOCUMENTS (IF APPLICABLE) TO:
ADMINISTRATION RECORDS
AMEREN/UE
CALLAWAY PLANT
P.O. BOX 620
FULTON, MO 65251

TRAN	DOC		RET		ALT	ALT					
CODE	TYPE	DOCUMENT	NUMBER	REV	REV	MED	COPY	MED	COPY	AFFECTED	DOCUMENT
----	----	-----	-----	----	----	----	----	----	----	-----	-----
R		PROC	EIP-ZZ-A0066	006	005	C	1				

ACKNOWLEDGED BY:

DATE:

1045

CALLAWAY PLANT
EMERGENCY PLAN IMPLEMENTING PROCEDURE
EIP-ZZ-A0066
RERP TRAINING PROGRAM

RESPONSIBLE DEPARTMENT TRAINING

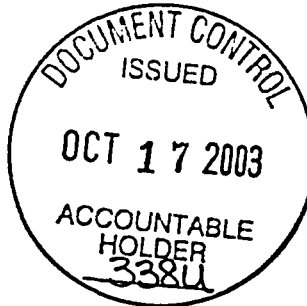
PROCEDURE OWNER GARY L. NEVELS

WRITTEN BY GARY L. NEVELS

PREPARED BY GARY L. NEVELS

APPROVED BY Warren A. Witt

DATE ISSUED 10-17-03



This procedure contains the following:

Pages	<u>1</u>	through	<u>7</u>
Attachments	<u>1</u>	through	<u>1</u>
Tables	<u> </u>	through	<u> </u>
Figures	<u> </u>	through	<u> </u>
Appendices	<u> </u>	through	<u> </u>
Checkoff Lists	<u> </u>	through	<u> </u>

This procedure has checkoff list(s) maintained in the mainframe computer.

Conversion of commitments to TRS reference/hidden text completed by Revision Number:

Non-T/S Commitments

TABLE OF CONTENTS

<u>Section</u>		<u>Page Number</u>
1	PURPOSE AND SCOPE	1
2	RESPONSIBILITIES (COMN 3907)	1
2.1	SUPERINTENDENT, TRAINING	1
2.2	SENIOR TRAINING SUPERVISOR	1
2.3	SUPERINTENDENT, PROTECTIVE SERVICES	1
2.4	RAD CHEM SUPERVISOR, EMERGENCY PREPAREDNESS TRAINING	2
3	RERP TRAINING	3
3.1	NON EMERGENCY RESPONSE PERSONNEL	3
3.2	EMERGENCY RESPONSE PERSONNEL (COMN 42658)	3
3.3	RERP INITIAL TRAINING	3
3.4	RERP CONTINUING TRAINING	4
3.5	TRAINING REVIEW	5
3.6	TRAINING CRITIQUES	5
3.7	TRAINING ATTENDANCE AND COMPLETION	5
3.8	DRILL PARTICIPATION	6
4	EVALUATION (COMN 3905)	6
5	TRAINING RECORDS	6
6	REFERENCES	7

Attachment 1 RERP Training Requirements.....3 Pages

RERP TRAINING PROGRAM

1 PURPOSE AND SCOPE

- 1.1 This procedure defines Radiological Emergency Response Plan (RERP) training provided to all personnel who:
- Have been granted unescorted access to the Callaway Plant
OR
 - Are members of the Callaway Plant Radiological Emergency Response Organization.
- 1.2 The RERP training program ensures that designated personnel can successfully carry out their specific emergency response duties. This program is consistent with the Systematic Approach to Training (SAT) described in APA-ZZ-00925.
- 1.3 To meet the defined objectives of the RERP training courses and to ensure familiarity with specific emergency response duties, training activities may consist of classroom training, drill and exercise participation, practical exercises, specialized instruction, or a combination of these techniques. (COMN 43391)

2 RESPONSIBILITIES (COMN 3907)

2.1 SUPERINTENDENT, TRAINING

The Superintendent, Training is responsible for the overall administration of the RERP Training Program within the scope of this procedure.

2.2 SENIOR TRAINING SUPERVISOR

The Senior Training Supervisors are responsible for the implementation of the RERP Training Program elements assigned to their training group.

2.3 SUPERINTENDENT, PROTECTIVE SERVICES

The Superintendent, Protective Services or designee is responsible for:

- 2.3.1 Approval of RERP Training objectives and review of substantial content changes to RERP training material. (COMN 43391)
- 2.3.2 Approval of candidates for Emergency Response positions.

- 2.3.3 Approval of changes to the RERP Training Program delineated in the attachments to this procedure.
- 2.3.4 Notification of the Rad Chem Supervisor, Emergency Preparedness Training of changes to the Emergency Response Organization (ERO), procedures, or equipment that affect RERP training activities.
- 2.4 RAD CHEM SUPERVISOR, EMERGENCY PREPAREDNESS TRAINING
 - 2.4.1 Maintains the RERP Training program and RERP courses in the Callaway Training Course Catalog in accordance with this procedure. (COMN 43391)
 - 2.4.1.1 If equivalent courses are developed for existing RERP Training, ensures that:
 - The training addresses the requirements of the specific position(s)
 - AND
 - The equivalency is reviewed by Emergency Preparedness prior to updating the course catalog.
 - 2.4.2 Conducts or coordinates RERP Training activities.
 - 2.4.3 Provides assistance to other training groups as the RERP subject matter expert (SME).
 - 2.4.4 Assists in the development and conduct of scenarios for training drills and evaluated exercises.
 - 2.4.5 Coordinates completion of initial RERP training for newly identified candidates for emergency response positions.
 - 2.4.6 Notifies Emergency Preparedness when lack of training completion results in changes to the emergency response organization.

3 RERP TRAINING

3.1 NON EMERGENCY RESPONSE PERSONNEL

Non Emergency Response Personnel are those personnel who are granted unescorted access to the Callaway Plant Protected Area, but who do not have designated responsibilities in the Callaway Plant Emergency Response Organization. Non Emergency Response Personnel SHALL successfully complete GET training (Callaway Orientation – T68.0030.6/8). This training includes duties and responsibilities of emergency response and non-emergency response personnel, emergency classifications, assembly areas, alarms, emergency response actions and accountability/evacuation. (COMN 3905)

3.2 EMERGENCY RESPONSE PERSONNEL (COMN 42658)

Emergency Response Personnel are assigned to a position in an emergency response organization.

3.2.1 For all RERP training activities, including drills and exercises, if used to meet training requirements, training objectives and evaluation methodology MUST be approved by the Superintendent, Protective Services or designee. (COMN 43391)

3.2.2 The Superintendent, Protective Services or designee MUST review substantial content changes to RERP training material for initial and continuing training prior to conducting the training activity. (COMN 43391)

3.3 RERP INITIAL TRAINING

All Emergency Response Personnel SHALL successfully complete the RERP Initial Training required for their designated position(s), as specified in Attachment 1. (COMN 3905)

3.3.1 All designated Emergency Response Personnel MUST complete RERP Fundamentals (T68.RERP.6) or RERP Fundamentals-SRO (T68.1022.6), as applicable, within 30 days of being designated in an Emergency Response Organization position.

3.4 RERP CONTINUING TRAINING

RERP continuing training activities should be based, as appropriate, on changes to applicable procedures and processes, plant and industry experience, and the results of previous drills and exercises. Drills and exercises may be utilized as training activities when familiarity with specific RERP duties and/or functions are demonstrated. (COMN 43391)

3.4.1 Emergency responder disqualification results when the required RERP continuing training has not been completed within the previous 15 months (45 months for SAMG continuing training) or when performance is determined by EP to be inadequate in a drill or exercise.

3.4.2 Once an emergency responder has been disqualified, requalification May be obtained by successfully completing the appropriate initial training or a course waiver approved by the Superintendent, Protective Services, or designee, and filed in QA record file T210.0001.

3.4.3 All Emergency Response Personnel SHALL successfully complete the required continuing training for their assigned position(s) as specified in Attachment 1, on an annual (12 months + 3 months) basis, unless otherwise noted. (COMN 3905)

3.4.4 If drills or exercises are used to satisfy RERP continuing training requirements, the following provisions SHALL be met: (COMN 43391)

- Evaluation objectives SHALL be established for each position or functional group. (COMN 43391).
- The Superintendent, Protective Services or designee SHALL approve evaluation objectives. (COMN 43391)
- Evaluation objectives SHALL be met or remediated. Where appropriate, on-the-spot correction of erroneous performance may be made and proper performance demonstrated by the instructor or evaluator. (COMN 43391)

3.4.5 An evaluator or controller may receive continuing training credit for a drill or exercise, provided the duties of the evaluated position(s) are equivalent to their designated position (the same position or a closely related position with similar training requirements). (COMN 43391)

3.5 TRAINING REVIEW

A lesson plan, instructor guide, or other appropriate course material SHALL be reviewed by the Superintendent, Protective Services or designee prior to conducting RERP training sessions. (COMN 43391)

3.6 TRAINING CRITIQUES

All RERP training activities, including drills and exercises, SHALL provide for formal critiques in order to identify weak or deficient areas that need correction. Critique items should be documented on a Student Training Session Evaluation Card, an Instructor Critique (CA-#185A), or a CAR. Any weaknesses or deficiencies that are identified as significance level 3 CARs, or above, SHALL be corrected. (COMN 42978)

3.7 TRAINING ATTENDANCE AND COMPLETION

3.7.1 Emergency Response Personnel scheduled to attend required RERP training MUST attend as scheduled or have their supervisor reschedule their training.

3.7.2 All RERP continuing training, including required RERP Computer Based Training (CBT), MUST be completed before a lapse in qualification occurs.

3.7.3 An adverse condition CAR MUST be initiated for all instances when Emergency Response Personnel lapse required RERP continuing training and when personnel do not attend the RERP training they are scheduled for.

3.7.4 RERP course failure results in immediate disqualification and removal from ERO responsibilities until satisfactory remediation is completed. (CARS 200304522)

3.7.4.1 When an RERP Initial course failure occurs, the Training Department MUST notify EP and the position owner as soon as possible. The student MUST not be placed in a ERO position, either as On-Shift, Duty Responder, As Needed, or Non-Duty Responder positions, including drills, until successful remediation has been completed.

- 3.7.4.2 When an RERP continuing course failure occurs, the Training Department MUST notify EP and the position owner as soon as possible. The student MUST be removed from their ERO position and informed that they are not to respond in their designated ERO position as Essential Personnel in a plant emergency or drill until successful remediation has been completed.

- 3.8 DRILL PARTICIPATION

- 3.8.1 Drill participants should be fully trained prior to participating in a drill.
- 3.8.2 Drill Controller and/or Evaluators should be trained ERO members or possess equivalent knowledge due to previous experience or training for the position they are evaluating or controlling.

- 4 EVALUATION (COMN 3905)

- 4.1 For RERP Initial and Continuing Training courses listed on Attachment 1, the criterion for course completion is identified in the Callaway Training application. Written examinations require a minimum of 80% for management courses and 70% for contract courses.
- 4.2 A course waiver may be used to provide credit for previous training or experience. For RERP initial and continuing training, the Superintendent, Protective Services or designee is considered the Responsible Department Head and approval authority.

- 5 TRAINING RECORDS

Unless specified in other Training program procedures, RERP training course content and attendance records should be filed in T210.0001.

6 REFERENCES

- 6.1 10 CFR 50, Appendix E
- 6.2 NUREG-0654, Criteria for Preparation and Evaluation of
Radiological Emergency Response Plans and Preparedness in
Support of Nuclear Power Plants
- 6.3 EIP-ZZ-A0020 , Maintaining Emergency Preparedness
- 6.4 Radiological Emergency Response Plan, Section 8.1.1.2
(COMN 42658)
- 6.5 APA-ZZ-00925 , Systematic Approach to Training
- 6.6 UEND – Training – 01 Systematic Approach to Training

RERP Training Requirements

On-Shift Emergency Organization

Emergency Position	EP Code	Initial	Continuing
Shift Supervisor/Emergency Coordinator	SOEC	T68.1022.6 T68.1020.6 T61.0300.6	T68.1022.6 T61.0810.8 T61.0300.8*
Operating Supervisor	SOOS	T68.1022.6 T68.1020.6 T61.0300.6	T68.1022.6 T61.0810.8 T61.0300.8*
Reactor Operator	SORO	T68.RERP.6 T61.0300.6	T68.RERP.6 T61.0300.8*
Equipment Operator/Assistant Equipment Operator	SOEO	T68.RERP.6 T68.1030.6	T68.RERP.6 T68.1030.8
Rad/Chem Technician (HP Operations)	SRCO	T68.RERP.6 T68.1054.6	T68.RERP.6 T68.1054.8
Rad/Chem Technician (HP Tech Support)	SRCS	T68.RERP.6 T68.1055.6	T68.RERP.6 T68.1055.8
Rad/Chem Technician (Chemistry)	SRCC	T68.RERP.6	T68.RERP.6
I & C Technician	SICC	T68.RERP.6 T68.104E.6	T68.RERP.6 T68.104E.6
Shift Security Supervisor	SSS	T68.RERP.6 T68.1130.6	T68.RERP.6 T68.1130.6
Security Force	N/A	T68.RERP.6 T68.1130.6	T68.RERP.6 T68.1130.6
Security Force – I-Page Operator	SSIP	T68.RERP.6 T68.1131.6	T68.RERP.6 T68.1131.6
Control Room Communicator	SCRC	T68.RERP.6 T68.104E.6	T68.RERP.6 T68.104E.8

* T61.0300.8 is required every three years.

GET I Rad Worker Cat II, (T68.0410.6) is required for all positions in the On-Shift Emergency Organization on an annual basis.

RERP Training Requirements On-Site Emergency Organization

Emergency Position	EP Code	Initial	Continuing
Emergency Coordinator	OOEC	T68.RERP.6 T68.1015.6 T68.0170.6 T68.1015.C	T68.RERP.6 T68.1015.6 T68.0170.8*
TSC Communicator (ENS)	OENC	T68.RERP.6 T68.1111.6	T68.RERP.6 T68.1111.6
Administrative Coordinator	OOAC	T68.RERP.6 T68.1100.6	T68.RERP.6 T68.1100.6
Clerical Support Staff	OCSS	T68.RERP.6	T68.RERP.6
Health Physics Coordinator	OHPC	T68.RERP.6 T68.1051.6	T68.RERP.6 T68.1051.6
Operations Support Coordinator	OOOC	T68.RERP.6 T68.1040.6	T68.RERP.6 T68.1040.6
Stores Personnel	OOSK	T68.RERP.6	T68.RERP.6
Emergency Team Coordinator – Mechanical	OETM	T68.RERP.6	T68.RERP.6
Emergency Team Coordinator - Electrical	OETE	T68.1041.6	T68.1041.6
Control Room/TSC Liaison	OCTL	T68.RERP.6 T68.1021.6	T68.RERP.6 T68.1021.6
Technical Assessment Coordinator	OTAC	T68.RERP.6 T68.1080.6 T62.0020.6 T68.1080.C	T68.RERP.6 T68.1080.8 T62.0020.8*
TSC Lead Engineer	OTLE	T68.RERP.6 T68.1080.6 T62.0020.6	T68.RERP.6 T68.1080.8 T62.0020.8*
Engineering Statusboard/Logkeeper	OESS	T68.RERP.6	T68.RERP.6
TSC Engineering Staff (Mechanical Engineer)	OEMS	T68.1080.6	T68.1080.8
TSC Engineering Staff (Electrical Engineer)	OEES	T62.0020.6	
TSC Engineering Staff (Reactor/Nuclear Engineer)	OERS		
TSC Engineering Staff (I&C Engineer)	OEIS		
Chemistry Coordinator	OCHC	T68.RERP.6 T68.1060.6	T68.RERP.6 T68.1060.8
Security Coordinator	OOSC	T68.RERP.6 T68.1130.6	T68.RERP.6 T68.1130.6
Rad Chem Support Area Personnel (HP Ops, HPTS, RW, Chem)	ORCO	T68.RERP.6 T68.1054.6 T64.118S.6	T68.RERP.6 T68.1054.8
Support Area Personnel (Mechanic)	OOME	T68.RERP.6	T68.RERP.6
Support Area Personnel (Electrician)	OOEL	T68.104A.6	T68.104A.6
Support Area Personnel (I & C Technician)	OICT	T68.RERP.6 T68.104E.6	T68.RERP.6 T68.104E.6

* T68.0170.8 and T62.0020.8 are required every three years.

GET I Rad Worker Cat II, (T68.0410.6) is required for all positions in the On-Site Emergency Organization on an annual basis.

RERP Training Requirements EOF Emergency Organization

Emergency Position	EP Code	Initial	Continuing
Recovery Manager	CORM	T68.RERP.6 T68.1010.6 T68.1010.C	T68.RERP.6 T68.1010.6
Protective Measures Coordinator	CPMC	T68.RERP.6 T68.1081.6 T68.1081.C	T68.RERP.6 T68.1081.8
Plant Assessment Coordinator	CPAC	T68.RERP.6	T68.RERP.6
Plant Assessment Staff	CPAS	T68.1081.6	T68.1081.8
Dose Assessment Coordinator	CDAC	T68.RERP.6 T68.1090.6 T68.1090.C	T68.RERP.6 T68.1090.6
Logistical Support Coordinator	CLSC	T68.RERP.6 T68.1105.6	T68.RERP.6 T68.1105.6
Logistical Support Staff (Material Engineer, Buyer, etc.)	CCLS	T68.RERP.6	T68.RERP.6
Off-Site Liaison Coordinator	COLC	T68.RERP.6	T68.RERP.6
EOF Communicator	COEC	T68.1110.6	T68.1110.6

GET I Rad Worker Cat II, (T68.0410.6) is required for all positions in the EOF Emergency Organization on an annual basis.

RERP Training Requirements JPIC Emergency Organization

Emergency Position	EP Code	Initial	Continuing
Company Spokesperson	CSP	T68.RERP.6 T68.1010.6	T68.RERP.6 T68.1010.6
JPIC Technical Representative	CJTR	T68.RERP.6 T68.1126.6	T68.RERP.6 T68.1126.6
JPIC Coordinator	CPSC	T68.RERP.6 T68.1123.6	T68.RERP.6 T68.1123.6
JPIC Administrator	CPJA	T68.RERP.6 T68.1125.6	T68.RERP.6 T68.1125.6
JPIC Editor	CPJE	T68.RERP.6 T68.1123.6	T68.RERP.6 T68.1123.6
JPIC Media Host	CPJH	T68.RERP.6 T68.1125.6	T68.RERP.6 T68.1125.6