

January 25, 1984

Mr. David M. Rohrer
Office of Inspection
and Enforcement
U. S. Nuclear Regulatory
Commission
Washington, D. C. 20555

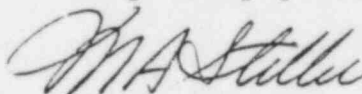
ULNRC-732

Dear Mr. Rohrer:

During our meeting with you on January 20, 1984, you requested that we provide you with a detailed description of the changes made in our Radiological Emergency Response Plan (RERP) in arriving at Revision 6. This effort has now been completed and is attached.

If you have any questions on this revision or the enclosure, we are available to discuss it at your convenience.

Very truly yours,



M. A. Stiller
Manager, Nuclear Safety
and Emergency Preparedness

MAS/dch
Enclosure
cc: Tom Ploski, Region III

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CHAPTER 1

SECTION 1.1

Deleted definition of "Clean Area/Equipment" and modified definition of "Contaminated Area" to reflect Health Physics definitions.

Definition of "Emergency Planning Zone" corrected typo and added "EPZ" for clarification after plume exposure and ingestion exposure pathways.

Definition "Emergency Plan Implementing Procedures" corrected wording.

Corrected the location of the center point of the "Exclusion Area" and "Exclusion Area Boundary".

Added the definition of Owner Controlled Area.

Changed "Personnel Monitoring Equipment" to "Personnel Monitoring Devices" and corrected wording to reflect Health Physics definition.

Deleted the definition of "Publics" per NRC request. Not defined in Webster's Dictionary.

Corrected definition of "Radiation Area" to be consistent with Health Physics and 10CFR definitions.

Corrected definition of "Radiological Controlled Area" to be consistent with Health Physics definitions.

Added definition of Recovery Manager.

Added a clarification statement to definitions of "Site Emergency" and "Unusual Event" to correlate with NUREG-0654, per NRC request.

CHAPTER 2

SECTION 2.1

Page 2-2 Added "and authorities" per NRC request.

SECTION 2.4

Page 2-5 Typo corrected.

SECTION 2.5

Page 2-6 Corrected grammatical errors.

SECTION 2.6

Page 2-7 Deleted last sentence under Security Plan and Procedures. Access is controlled by normal Security Procedure, no special provisions had to be written.

CHAPTER 3

SECTION 3.1

Corrected reference to the Appendix due to the deletion of Appendix G in Rev. 5A.

SECTION 3.1.1.3

Changed "Implementing Document" to "Emergency Plan Implementing Procedures" to be consistent in terminology.

SECTION 3.1.1.5

Grammatical corrections and added "Authority" per NRC request.

SECTION 3.1.1.6

Changed "Implementing Document" to "Emergency Plan Implementing Procedures" to be consistent in terminology.

SECTION 3.2

Grammatical correction.

SECTION 3.3

Changed "appropriate" to "Plant and Corporate Management" to be more specific and made a reference to deficiency tracking for clarification.

Added reference to Administrative Procedures for clarification.

CHAPTER 4

PAGE 4-1 Added clarification statement for titles of emergency classifications to correlate with NUREG-0654 per NRC request.

PAGE 4-2 Added wording to change 30 minutes to a goal of 15 minutes for accident classification per NRC request.

SECTION 4.1.3

PAGE 4-3 Wording change from place on standby, to notify the Corporate Emergency Organization for clarification.

SECTION 4.2.1.3

Deleted last two paragraphs because Figures 4-1 to 4-6 were deleted.

SECTION 4.2.1.4

Grammatical error corrected.

SECTION 4.2.1.5

Grammatical error corrected.

SECTION 4.2.1.6

Grammatical error corrected.

SECTION 4.2.1.8

Added the word "drive" to correct the terminology.

SECTION 4.2.1.9

Grammatical error corrected.

FIGURES 4-1, 4-2, 4-3, 4-4, 4-5, 4-6 were deleted. The graphs were unreadable and there were no instructions for their use. Deleted with NRC concurrence.

TABLE 4-1 EMERGENCY ACTION LEVELS

All "TBDs" were added to complete the EALs. The following EALs had TBDs removed:

Group 1 Conditions B, E, F

Group 2 Conditions A, C, F, G, H

Group 6 Conditions C, D

Group 8 Conditions A, B, C, F

"and" was changed to "or" per NRC request on the following EALs:

Group 2 Conditions D, E, G, H

Group 3 Conditions I, J, K

Group 6 Conditions H

Group 7 Conditions B, K

Group 8 Condition G

Review and evaluation by SNUPPS and UE corrected the following EALs for the Callaway Plant:

Group 1 Conditions A, B, C, D, E, F

Group 2 Conditions A, C, D, E, F, G, H

Group 3 Conditions A, B, C, D, E, F, G, H, I

Group 5 Conditions A, B, C, D

Group 6 Conditions A, B, C, D

Group 7 Conditions B, C, D, E, I

Group 8 Conditions D, F

Specific indicators, such as meter, panel or instrument numbers, were added to the following EALs:

Group 1 Conditions A, B, C, D, E, F, G

Group 2 Conditions C, D, E, F, G, H

Group 3 Conditions A, E, F, I

Group 4 Conditions A, B, C, D, E, F

Group 5 Conditions A, B, C, D, E

Group 6 Conditions A, B, C, D, E, H, I

Group 8 Conditions B, C

EALs were printed in such a manner as to eliminate having EALs continue onto the next page. By doing this, most of the continued statements were eliminated and most of the EALs are not split between pages. The EALs are now identical to the EALs contained in the Emergency Plan Implementing Procedure,

EIP-ZZ-00101, Classification of Emergencies, Revision 1. (Date of issue January 5, 1984)

TABLE 4-2

Added cross references to NUREG-0654, Unusual Event items 14 through 17 to complete the cross references. These were overlooked in this table in Revision 5A.

TABLE 4-3

All instrument and range "TBDs" were added to complete the table.

CHAPTER 5

SECTION 5.1.1

Corrected a reference to another section.

Deleted the word "divisions" in reference to the plant organization to be consistent in terminology.

Added "Material Management" to update the RERP in plant organizational change.

Deleted "Division" in Sections 5.1.1.2 and 5.1.1.3.

Added entire Section 5.1.1.4 Material Management to update the RERP in plant organizational change.

SECTION 5.1.1.5

Changed section number as a result of adding Material Management.

Corrected two typos.

SECTION 5.1.2

Added "authority and" to indicate that the Vice President does have the necessary authority for all activities relating to the Callaway Plant.

SECTION 5.1.2.2

Added the departments of Nuclear Fuels and Nuclear Services which were inadvertently left out of Rev. 5A.

Grammatical correction.

SECTION 5.2

Added "and authority" to clarify that the On-Shift Emergency Organization has the authority to take any necessary actions to mitigate the consequences of an emergency.

Changed Emergency Management individuals to Emergency Coordinator or Recovery Manager for a specific reference on who activates the Emergency Organizations.

Added a sentence to indicate that members of the Emergency Organizations have the necessary authority to perform their duties. Added per request from the NRC.

SECTION 5.2.1

Changed the EDO assuming Emergency Coordinator responsibilities in the Control Room to the TSC. This was done at the request of the Plant Manager. The Shift Supervisor should remain in control of the Control Room.

A sentence was added to ensure oncoming personnel were briefed prior to assuming responsibilities, per NRC request.

SECTION 5.2.2.1

Clarification of the actions the Shift Supervisor takes after declaration of an emergency. Added the Shift Supervisor has full authority of the Emergency Corodinator during emergencies per NRC request.

SECTION 5.2.2.3

Deleted an inappropriate reference.

SECTION 5.2.2.4

Deleted generic references to procedures.

SECTION 5.2.2.6

Corrected the title of Rad/Chem Foreman.

SECTION 5.2.2.7

Corrected reference to another section.

SECTION 5.2.2.8

Added statement to indicate Security will provide support to emergency teams.

SECTION 5.2.2.9

Clarified the duties of the Rad/Chem Technicians. Corrected reference to another section.

SECTION 5.2.2.10

Corrected reference to another section.

SECTION 5.2.2.11

Grammatical clarification.

SECTION 5.2.2.12

Added a statement "with at least one" which was inadvertently left out of Revision 5A.

Corrected reference to another section.

SECTION 5.2.3

Deleted generic reference to procedures.

Added a clarifying statement to indicate capability exists for continuous operation of the On-Site Emergency Organization.

Spelling correction.

SECTION 5.2.3.1

Added a statement to indicate the authority of the Emergency Coordinator per NRC recommendation.

Word change for clarification.

Indicated that the Manager Callaway Plant is the primary Emergency Coordinator per NRC request.

SECTION 5.2.3.2

Added "Selected Emergency Planning Personnel" to increase depth of this position, per ORC review.

SECTION 5.2.3.4

Deleted generic reference to procedures.

Corrected references to other sections including the addition of Chemistry Coordinator.

Corrected communications chain for the Technical Assessment Coordinator.

Added "selected" to Supervising Engineers per ORC review.

SECTION 5.2.3.5

Added entire section of Operations and Maintenance Coordinator to reflect Emergency Organization change, per Plant Staff recommendation.

The Revision 5A section 5.2.3.5 was changed to 5.2.3.8.

SECTION 5.2.3.6

Typo corrections.

Corrected reference to another section.

Added "selected" to Training Supervisors per ORC review.

SECTION 5.2.3.7

Corrected reference to another section.

Typo corrected.

Added "selected" to Records Management System Supervisors per ORC review.

SECTION 5.2.3.8

Renumbered section, Revision 5A"section number 5.2.3.5, due to addition of Operations and Maintenance Coordinator.

Deleted Assistant Manager, Operations and Maintenance due to the addition of the position of Operations and Maintenance Coordinator.

Changed "Off-Duty Shift Supervisors" to "Selected Shift/Operating Supervisors" per ORC review.

All subsequent sections in the 5.2.3 series have been renumbered due to the addition of Section 5.2.3.5 and moving the 5A section of 5.2.3.5 to Revision 6, Section 5.2.3.8.

SECTION 5.2.3.9

Renumbered section.

SECTION 5.2.3.10

Renumbered section.

SECTION 5.2.3.11

Renumbered section.

Deleted the word "calculating" before off-site dose projections. Calculations may not have to be manually performed if RRIS is functional.

Corrected reference to another section.

Added "selected" to Rad/Chem Foremen per ORC review.

SECTION 5.2.3.12

Renumbered section.

Corrected reference to another section.

Typo corrected.

Added "Selected" to Rad/Chem Foremen per ORC review.

SECTION 5.2.3.13

Renumbered section.

Section 5.2.3.13, Rev. 5A position of Maintenance Coordinator was deleted with the addition of Operations and Maintenance Coordinator.

Corrected reference to another section.

Added Assistant Superintendent, Security to personnel list, Due to a UE organizational change.

Deleted Security Training Supervisors, Security Administrative Supervisor, Security Training Instructor, and Off-Duty Shift Security Supervisors and added "Selected Security Supervisory and Training Personnel", per ORC review.

SECTION 5.2.3.14

Complete section added due to the addition of this position, Chemistry Coordinator, per plant recommendations.

SECTION 5.2.3.15

Renumbered section.

Deleted Chemistry and Radwaste from responsibilities of the engineers due to the addition of Chemistry Coordinator and reassignment of responsibilities.

Changed the list of personnel trained for TSC Engineers to "Selected Supervising Engineers" and "Selected Engineers", per ORC review. These two positions can include all individuals in the previous list.

SECTION 5.2.3.16

Renumbered section.

Added the list of personnel who can be trained for the position which was inadvertently left out of Revision 5A.

SECTION 5.2.3.17

Renumbered section.

Corrected reporting scheme due to the organizational change.

Change the personnel list of individuals who can be trained for this position due to the organizational changes and ORC review.

SECTION 5.2.3.18

Renumbered section.

Added specific reference to type of status boards to be maintained in the TSC.

Changed the personnel list of individuals who can be trained to "Selected Plant Personnel", per ORC review.

SECTION 5.2.3.19

Renumbered section.

Corrected reference to another section.

Changed the personnel list of individuals who can be trained to "Selected Rad/Chem Technicians" and "Selected Rad/Chem Foremen". Deleted engineers from the list, per ORC review.

SECTION 5.2.3.20

Renumbered section.

Added the responsibility of providing clerical support.

SECTION 5.2.3.21

Renumbered section.

Delineated responsibility of Chemistry activities because of the addition of the Chemistry Coordinator.

SECTION 5.2.3.22

Renumbered section.

Corrected reference to another section.

SECTION 5.2.3.23

Renumbered section.

Added "with at least one" which was inadvertently left out of Revision 5A.

SECTION 5.2.3.24

Renumbered section.

SECTION 5.2.3.25

Renumbered section.

SECTION 5.2.3.26

Renumbered section.

Indicated Security personnel will provide support to emergency teams.

SECTION 5.2.3.27

This section was added to cover the responsibility of obtaining parts and supplies from the warehouse during emergencies.

SECTION 5.2.4

Reworded for clarification.

Changed "Higher Classification" to specific Emergency Classifications of "Site or General Emergency".

Grammatical changes for clarification.

Changed arrival time for individual arriving at the EOF from 3 to 4 hours to 90 minutes to reflect actual arrival time of the Off-Site Liaison Coordinator.

Deleted the word "additional" from one of the primary responsibilities.

Grammatical change.

Deleted "and public" since this is a responsibility of Public Relations.

Deleted "including dose assessment" to eliminate redundancy.

Deleted reference to the Corporate Office since the Corporate Emergency Organization operates out of the EOF not the Corporate Office.

SECTION 5.2.4.1

Grammatical corrections.

Spelling correction.

Indicated that the Vice President, Nuclear is primary Recovery Manager per NRC request.

SECTION 5.2.4.2

Typo correction.

Changed "Staff Health Physicists/Nuclear Scientists" to "Selected Engineers and Health Physicists" to include Nuclear Engineers from the Corporate Office per ORC review.

SECTION 5.2.4.3

Deleted special items which the Administrative/Logistics Coordinator is not responsible for providing.

Added provisions for providing clerical support.

Deleted references to field kitchen and trash disposal. If food is required, it will be catered and normal trash disposal is adequate.

Removed responsibility of administrating payroll and expense accounts from the Administrative/Logistics Coordinator's responsibility since he is not responsible for these.

Deleted references to responsibility for special transportation requirements.

Typo corrections.

SECTION 5.2.4.4

Indicated that the QA Coordinator may not be part of the initial emergency response, but will be called when needed.

Changed the personnel who can be trained for this position to reflect changes in UE organization.

SECTION 5.2.4.5

Added UE for clarification.

Deleted responsibilities which were redundant and not in the responsibility of the Technical Support Coordinator.

Added the responsibility for coordinating the response of Federal Agencies per NRC request.

SECTION 5.2.4.6

Indicated that the Construction Coordinator may not be part of the initial emergency response but will be called when needed.

Deleted the responsibilities which were summarized in the previous paragraph to eliminate redundancy.

Eliminated Supervising Engineer, Nuclear Construction from personnel list due to organization change.

SECTION 5.2.4.7

Eliminated redundant wording and grammatical correction.

Typo correction.

Deleted a responsibility which is a summary of other responsibilities.

Added Selected Emergency Preparedness Personnel to increase the depth of this position per ORC review.

SECTION 5.2.4.9

Corrected reference to another section.

Changed the list of personnel to be trained for the position to "Selected Engineers and Health Physicists" to reflect the UE Corporate Organization. Deleted Rad/Chem Foremen since they will not be responding as the Corporate Emergency Organization, per ORC review.

SECTION 5.2.4.10

Added "Selected" to "Rad/Chem Technicians" and "Rad/Chem Foremen" per ORC review and deleted the word "Plant" since it is unnecessary in this phrase.

SECTION 5.2.4.11

Added "Selected" to "Staff Engineers".

SECTION 5.2.4.12

Added entire section which was overlooked in the previous revision.

SECTION 5.3

Typo corrected.

Moved reference to Appendix C to Section 5.3.1.

SECTION 5.3.1

Added reference to Appendix C.

SECTION 5.3.2

Added text to eliminate TBD.

SECTION 5.3.3 and 5.3.4

Sections were rewritten to indicate current methodology.

SECTION 5.3.6

Grammatical correction and eliminated generic reference to procedures.

SECTION 5.4.1

Increased the discussion of Federal response direction and coordination, per NRC request.

SECTION 5.4.1.2

Added reference to Oak Ridge National Laboratory, to reflect the recent agreement with them.

SECTION 5.4.1.4

Changed the notification of the Coast Guard to the current methodology.

SECTION 5.4.1.5 and 5.4.1.6

New sections added to indicate FAA and NWS support, per NRC request.

SECTION 5.4.2.1

Eliminate generic reference to procedures and the Missouri Nuclear Accident Plan.

Deleted "facilities" as it was misused in sentence.

SECTION 5.4.3

Clarification of responsibility of off-site emergency planning.

Added a statement to clarify the coordination of off-site activities.

Corrected the response time of the local authorities.

SECTION 5.4.3.1

Renumbered from 5.4.3.2.

Previous provision to dispatch technically qualified individuals to State and local EOC's, if requested, was removed.

Changes were made to clarify the communications with the ambulance per NRC request.

Title of Callaway Memorial Hospital was corrected.

TABLE 5-1

"Required Response Time" was changed to "Response Goal" per NRC recommendation.

Emergency Positions of "Operations and Maintenance Coordinator" and Chemistry Coordinator" were added, and "Maintenance Coordinator" was deleted to reflect the change in the Emergency Organization.

A response time for the Emergency Coordinator was added per NRC recommendations.

Information was added to Operational Support Personnel for the addition of Stores Personnel to the OSC.

Added Response Goal of 2 hours for the Corporate Emergency Organization.

Added "As Needed" for the response level for the Construction and QA Coordinators, since they may not be needed for the initial response of the Corporate Emergency Organization.

Added Response Goal of 60-75 minutes at the Alert for the Public Information Coordinator.

FIGURE 5-1

This Figure was modified to reflect the changes in the Plant Organization. The addition of Assistant Manager Material Management and the addition of another Superintendent Administration, to split Administration into two sections of Records and Services, is reflected in this change.

FIGURE 5-2

The position of Principle Health Physicist was deleted.

FIGURE 5-5

This Figure was modified to indicate the changes in the On-Site Emergency Organization. This includes the addition of the Operations and Maintenance Coordinator, Chemistry Coordinator and the deletion of the Maintenance Coordinator.

FIGURE 5-6

"As Needed" was added to the Construction and QA Coordinators.

FIGURE 5-7

This Figure was modified to reflect the changes in the On-Site Emergency Organization.

FIGURE 5-9

A verification call was added between Callaway County/Fulton to the Control Room to reflect current methodology.

CHAPTER 6

PAGE 6-1 Grammatical corrections.

SECTION 6.1

Spelling and grammatical corrections.

Deleted generic reference to assessment time which is discussed in Chapter 4.

SECTION 6.2

Grammatical corrections.

Added "to escalate or" to the items to take into account for making a judgemental decision.

SECTION 6.3

Changed "will" to "shall" per NRC recommendation.

Added UE Corporate Office in the list of notifications.

Changed Public Information Coordinator to Public Relations in the notification list.

Changed the notification requirements to the State and local authorities and the periodic updates per NRC recommendations.

SECTION 6.3.2

Section 6.3.2 of Revision 5A was changed to Section 6.3.3 in Revision 6.

Section 6.3.2 (Section 6.3.3 in Revision 5A) was split into two subsections for clarification, 6.3.2.1 and 6.3.2.2.

SECTION 6.3.2.1

New subsection number and title.

Added additional information for the notification and verification of the local authorities for clarification.

SECTION 6.3.2.2

New subsection number and title.

Deleted generic reference to procedures and the Missouri Nuclear Accident Plan.

Deleted the reference to the thirty minute verification call from the State to have consistent wording for all

notifications. The specific details are in the implementing procedures.

Added a reference to a Figure and additional information about notification and verification with the State for clarification.

SECTION 6.3.3

Renumbered section was Section 6.3.2 in Rev. 5A.

Corrected the reference on who would be notified. Changed Public Information Coordinator to UE Public Relations.

SECTION 6.3.4

Section 6.3.4 in Rev. 5A was changed to Section 6.3.5 in Rev. 6.

Added the entire section to include notifications to the Union Electric Corporate Office since they will be notified of emergencies at the Callaway Plant.

SECTION 6.3.5

Renumbered section.

Corrected the title of the Communicator making notifications.

SECTION 6.4

Added the factor, for the situation to escalate, to consider when mobilizing emergency organizations.

Changed response times to response goals per NRC recommendations and corrected the time in the first group .

Deleted "designated" in front of Emergency Coordinator since the Emergency Coordinator is a specific position.

Changed the response goal of the Corporate Emergency Organization to approximately 2 hours and corrected a typo.

SECTION 6.4.2

Grammatical correction.

Deleted generic reference to procedures.

SECTION 6.4.3

Typo corrected.

Deleted generic reference to procedures.

Corrected the methodology in initiating the call-out of the Corporate Emergency Organization.

SECTION 6.5

Specified "Emergency Action Levels" in place of "levels".

Typo corrected.

Grammatical correction.

SECTION 6.5.1

Grammatical correction, deleted "by the Operating Supervisor or Unit Reactor Operator", since it was previously discussed.

Terminology correction.

Typo correction.

SECTION 6.5.2

Added the initial assessment would be based on Plant and meteorological parameters and would be verified by Field Monitoring Teams. Also included a reference to the number of teams which can be formed. Per NRC recommendations.

SECTION 6.5.2.1

This section was rewritten to elaborate on the methodology and capabilities of the Dose Assessment activities. This was done to satisfy Section I of NUREG-0654 per NRC recommendations.

SECTION 6.5.2.3

Corrected the references to Emergency Teams.

Clarified the priority activities in regard to posting of areas based upon radiological conditions.

Deleted a reference as to when the TSC is activated since it is inappropriate in this sentence. It is previously discussed.

SECTION 6.5.4

Grammatical correction.

SECTION 6.6

Typos corrected.

SECTION 6.7

Indicated protective actions can be initiated based upon projected radiation levels per NRC recommendations.

Clarified the reference to another section and deleted a generic reference to the Missouri Nuclear Accident Plan.

Clarified the decision to make protective action recommendation process per NRC recommendations.

SECTION 6.7.1.1

Corrected the alerting sequence for on-site personnel and the related terminology.

The Construction personnel will be knowledgeable of the required actions to be taken when alerted was restated for correction and clarification.

SECTION 6.7.1.2

Changed the required area for accountability from the Protected Area to the Owner Controlled Area per NRC recommendation.

Added additional information on the methodology for accountability.

Portions of the second paragraphs was deleted and was combined in the third paragraph in Rev. 5A to make one paragraph in Rev. 6. This was done to better describe the methodology for accountability and to delete references to the Training Center as an assembly point. The time requirements were better described and changed to a goal per NRC recommendations.

Additional information was added to clarify construction activities for accountability.

Information concerning visitors was corrected to reflect UE policy.

SECTION 6.7.1.3

The Security Coordinator was added as he is responsible for accountability and access control.

A paragraph was added to clarify who is authorized to pass Access Control Points established by the Sheriff's Department, per NRC request.

SECTION 6.7.1.4

A reference was added to the decontamination facility in the ECF, per NRC recommendation.

A sentence was added to state protective clothing will be provided as replacement clothing if personal clothing becomes contaminated, per NRC recommendation.

References to visitors and contract personnel were deleted from the second paragraph as they are discussed in the first.

A reference was added to the Health Physics Access Control Area for clarification.

SECTION 6.7.1.5

The third and fourth paragraphs from Rev. 5A were combined and rewritten to explain the methodology for evacuation. This was done due to the deletion of the Training Center as an assembly area and to be consistent with Section 6.7.1.2.

SECTION 6.7.2

Deleted generic references to procedures.

SECTION 6.7.2.1

Grammatical correction.

Clarifications were made on who is responsible for implementing Protective Actions in each of the Counties.

A paragraph was added to indicate protective actions could be implemented within 15 minutes from the declaration of a General Emergency, per NRC recommendation.

The paragraph describing the Public Alert System was changed to reflect the current system of sirens and tone alert radios.
(See Appendix I)

SECTION 6.7.2.2

There were typographical and grammatical corrections.

The State point for the reporting of Protective Action Recommendations was changed from BRH to SEMA to reflect the correct reporting methodology.

The use of the RRIS and PASS was revised to reflect correct terminology and to show the correct methodology for using input from the systems to form protective action recommendations.

A sentence was added to reference that recommendation can be made within 15 minutes for a General Emergency, per NRC request.

An inappropriate reference to the Public Information Plan was deleted.

The description of the methodology for public notification and evacuation was expanded and corrected.

The Emergency Coordinator was added as having the responsibility to ensure off-site authorities are updated upon emergency reclassification.

SECTION 6.7.3.2

Wording was added that protective clothing will be available as replacement clothing, per NRC request.

SECTION 6.7.3.3

"Emergency centers" was changed to "on-site emergency centers".

SECTION 6.7.3.4

This section was revised to reflect that Potassium Iodide will be stocked and made available to emergency workers.

SECTION 6.7.4.1

"Health Physics procedures" was changed to "Health Physics Operating Manual".

The section was revised to reflect the current contamination control methodology.

SECTION 6.7.4.2

"Exclusion Area Boundary" was corrected to "owner controlled area".

"State monitoring teams" was changed to "Field Monitoring Teams".

The reference to the State of Missouri Nuclear Accident Plan was changed to Table 6-5.

SECTION 6.8.1

A reference was added to the Health Physics Department for clarification.

Intervals for reading pocket ion chambers was clarified per NRC recommendation.

Reference was added to the Rad Con Coordinator.

Per NRC request, a statement was added to inform the NRC of the intent to exceed 10CFR20 limits, if possible.

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tion was expanded and corrected.

ergency Coordinator was added as having the
sibility to ensure off-site authorities are updated upon
ncy reclassification.

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anged to Table 6-5.

N 6.8.1

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ication.

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Reference to exposure limits for State and local agencies was added for clarification, per NRC recommendation.

SECTION 6.8.2

Reference was added to "multi media" trained personnel being available on-shift, per NRC request.

There were grammatical corrections.

Per NRC request, a reference to radioiodine skin contamination was added.

Search and Rescue Teams was specified for emergency teams.

SECTION 6.8.3

The Callaway Plant vehicle description was clarified to show that it was not an ambulance.

There was a reference change.

SECTION 6.9

There were grammatical corrections.

SECTION 6.9.1

The section was reworded to elaborate on the information "booklet".

Generic references to the Public Information Plan and the Missouri Nuclear Accident Plan were deleted.

SECTION 6.9.2

There was a grammatical correction.

A generic reference to procedures was deleted.

The section was revised to reflect the current Public Relations organization and methodology for emergencies.

SECTION 6.9.3

The section was added to more adequately explain the methodology for Rumor Control, per NRC request.

TABLE 6-1

Description of surveys for the EAB was corrected.

TABLE 6-2

The references to the source document were added to the table, per NRC recommendation.

TABLE 6-3

A reference to the source document was added to the table, per NRC recommendation.

TABLE 6-4

A reference to the source document was added to the table, per NRC recommendation.

TABLE 6-5

References were corrected.

TABLE 6-7

Table 6-7 of Rev. 5A was deleted.

FIGURE 6-1

The Figure was revised to reflect the new Notification Form as agreed upon by SEMA.

FIGURE 6-2

The Figure was revised to reflect the new Follow-up Notification Form as agreed upon by SEMA.

CHAPTER 7

SECTION 7.1.1

The number of SPDS terminals in the Control Room was changed from two to one to reflect the correct number of terminals to be installed.

The PASS "terminal" was changed to "display" to reflect the correct PASS configuration.

The reference to dedicated telephone links and the radio console was changed to reflect the correct Rev. 6 reference.

SECTION 7.1.2

Made grammatical corrections and reworded to reflect on-site orientation of TSC activities.

Reference was added to "controlled" copies of documents to show that the documents are maintained on a current basis, per NRC recommendation.

SECTION 7.1.3

The word "portable" was added to the radiological monitoring equipment.

The reference to OSC communications capabilities was changed from 7.2.2.4 to the correct Rev. 6 reference of 7.2.3.4.

A paragraph was added to discuss OSC habitability and monitoring equipment.

SECTION 7.1.4

The specific location of the backup EOF was deleted due to the fact that the facility is under negotiation.

Wording was added to radiological and environmental assessment to reflect the "off-site" orientation.

SECTION 7.1.5

The "EOF Organization" was corrected to the "Corporate Emergency Organization in the EOF".

SECTION 7.1.6

The specific location of the JPIC was deleted due to the fact that the location is under negotiation.

SECTION 7.1.8

The location of the State EOC was clarified.

SECTION 7.2.1

"Plant Workers" was deleted as it is redundant to "emergency teams".

SECTION 7.2.1.1

"Multi-tune" was corrected to "Multi-tone".

SECTION 7.2.2

To eliminate redundancy, reference to the "Kingdom Telephone Company" was deleted as it is the "local public telephone company".

SECTION 7.2.3

This section was added to clarify the dedicated communications systems.

SECTION 7.2.3.1

This section was renumbered to reflect the new numbering sequence (Rev. 6).

The reference to "Channel 2" was corrected to "plant channel 1".

SECTION 7.2.3.2

The section was renumbered to reflect the new numbering sequence (Rev. 6). The reference to "Telephone" was corrected to "line". The reference to "channel 5" was corrected to "plant channel 2".

SECTION 7.2.3.3

The section was renumbered to reflect the new numbering sequence (Rev. 6).

The reference to "channel 5" was corrected to "plant channel 2".

SECTION 7.2.3.4

The section was renumbered to reflect the new numbering sequence (Rev. 6).

There was a grammatical correction.

References were corrected to reflect the correct titles of "Operations and Maintenance Coordinator" and "Operational Support Center Coordinator".

SECTION 7.2.3.5

The section was renumbered to reflect the new numbering sequence (Rev. 6).

There was a grammatical correction.

The reference to "channel 2" was corrected to "plant channel 1".

SECTION 7.2.4

The section was renumbered to reflect the new numbering sequence (Rev. 6).

There were some grammatical corrections.

Additional listing of locations for unlisted numbers was added to indicate current locations, per NRC request.

SECTION 7.2.5

The section was renumbered to reflect the new numbering sequence (Rev. 6).

The reference to "Six telephones" was changed to "Telephones" to allow for flexibility in telephone allocation.

SECTION 7.2.6

The section was renumbered to reflect the new numbering sequence (Rev. 6).

The reference to "Six telephones" was changed to "Telephones" to allow for flexibility in telephone allocation.

There was a grammatical correction.

SECTION 7.2.6.1

The section was renumbered to reflect the new numbering sequence (Rev. 6).

SECTION 7.2.7

This section was renumbered to reflect the new numbering sequence (Rev. 6).

SECTION 7.2.7.1

This section was renumbered to reflect the new numbering sequence (Rev. 6).

There was a grammatical correction.

SECTION 7.2.7.2

This section was renumbered to reflect the new numbering sequence (Rev. 6).

There was a grammatical correction.

The channels were revised to reflect the correct designations.

SECTION 7.2.7.3

The section was renumbered to reflect the new numbering sequence (Rev. 6).

A sentence was revised to reflect the change in radio channel designations.

SECTION 7.2.8

The section was renumbered to reflect the new numbering sequence (Rev. 6).

SECTION 7.2.9

The section was renumbered to reflect the new numbering sequence (Rev. 6).

SECTION 7.2.9.1

The section was renumbered to reflect the new numbering sequence (Rev. 6).

SECTION 7.2.9.2

The section was renumbered to reflect the new numbering sequence (Rev. 6).

Reference was added that the HPN is installed on FTS.

SECTION 7.3.1.1

This section was revised to reflect the correct Meteorological System locations, parameters, and inspection methodology.

Reference was added to the National Weather Service as a source of additional data.

SECTION 7.3.1.2.1

There were grammatical and typographical corrections.

SECTION 7.3.1.2.2

The section was revised to reflect the correct Area Radiation Monitoring System functions and capabilities.

SECTION 7.3.1.3.2

The section was revised to reflect the correct air sample analysis capabilities.

SECTION 7.3.1.4

This section was revised to reflect the correct personnel monitoring capabilities and methodology.

Wording was added that PICs and TLDs are available in emergency kits and for emergency use.

SECTION 7.3.1.5

The section was revised to reflect the correct Personnel Survey Instrumentation capabilities and methodology.

The section was also revised and reworded for grammar and clarity.

SECTION 7.3.1.7

Reference was added to backup analytical services being available at the Oak Ridge National Laboratory (ORNL).

SECTION 7.3.1.8

The PASS ranges were identified to eliminate "Later's".

Reference was added to ORNL as a backup lab.

Reference to power and backup power sources was added, per NRC recommendation.

SECTION 7.3.1.9

The RRIS system locations were corrected.

The reference to "flow rates" was corrected to "flow indicators".

The reference to "gross radiation" was corrected to radiation.

There was a grammatical correction.

The reference to the NDL was deleted per NRC recommendation, since the NDL has not been completely defined.

SECTION 7.3.1.10

There were grammatical corrections.

SECTION 7.3.1.12

Reference to power and backup power sources was added, per NRC request.

SECTION 7.3.2

Reference to Field Monitoring Kits was added.

Reference to TETA cartridges was added.

The section was revised to reflect the current TLD and air sampling network.

The reference to "gross gamma radiation" was changed to "radiation exposure level".

SECTION 7.5

The section was revised to give descriptions of each decontamination facility per NRC request.

TABLE 7-2

Radiation Monitor ranges were added, per NRC request.

TABLE 7-3

Radiation Monitor ranges were added per NRC request.

TABLE 7-4

Radiation Monitor ranges were added per NRC request.

TABLE 7-5

Radiation Monitor ranges were added per NRC request.

The wide Range Gas Monitor type was corrected to "Beta/Gamma".

TABLE 7-6

Additional monitors were added.

Radiation monitor ranges were added per NRC request.

FIGURE 7-2

The RMS Panel location was added.

FIGURE 7-5

The Figure was revised to reflect the current HP Access Control Area layout.

FIGURES 7-7A and 7-7B

These figures reflect the current Radiological Air Sampling Network.

CHAPTER 8

The Chapter was revised to reflect the consolidation of the Callaway Radiological Emergency Preparedness Program under the Manager, Nuclear Safety and Emergency Preparedness.

SECTION 8.1

This section was revised to reflect the current training program organization.

SECTION 8.1.1

The section was revised to reflect the current training program as defined by the Callaway Plant Training Manual. The specific training responsibilities of the Superintendent, Training and Supervisor, Emergency Preparedness were also delineated.

SECTION 8.1.1.1

This section was revised to reflect the current Essential Personnel Training Program including clarification that personnel will receive training specific to emergency positions.

SECTION 8.1.1.2

This section was revised to reflect the current GET Training Program.

SECTION 8.1.1.3

The title was added to this section.

SECTION 8.1.2

This section was revised to reflect the current Off-Site Training Program.

SECTION 8.1.3

The title was changed to be more appropriate to the section content.

SECTION 8.1.4

The title was changed to be consistent with the Public Information Plan.

The informational booklet content was revised to reflect current information.

Specific transient locations were deleted per request of off-site authorities.

SECTION 8.2

This section was revised to reflect the current Drills and Exercise Program. More emphasis was added to the critique process. The responsibility for corrective actions was changed to the Supervisor, Emergency Preparedness.

Reference was added to unannounced drills and drills under varying weather conditions, per NRC recommendation.

SECTION 8.3

This section was revised to reflect organizational changes.

The Manager, Nuclear Safety and Emergency Preparedness was given the responsibility for the RERP.

The Manager, Callaway Plant was given the responsibility for reviewing and approving the RERP and its implementing procedures.

The NSRB's responsibility for an "independent" audit was clarified.

SECTION 8.4

This section was revised to clarify the revision methodology.

The Manager, NSEP was given the responsibility for informing personnel of the RERP, procedures, and changes.

SECTION 8.5

Criteria as to when emergency equipment kits are to be inspected was specified.

A paragraph was added clarifying equipment calibration, per NRC request.

CHAPTER 9

SECTION 9.1

Per NRC request, reference was added to notifying the NRC of the intent to declare Recovery.

The section was revised to reflect the Recovery Manager's and Emergency Coordinator's responsibilities for establishing and directing the Recovery Organization.

SECTION 9.2.1

"Nuclear" was added after the Vice President to specify which Vice President.

SECTION 9.2.4

Grammatical corrections.

SECTION 9.2.8

Recovery Manager approval of news releases was changed to information for news releases.

SECTION 9.5

Deleted generic references to procedures.

Corrected a typo and a grammatical error.

SECTION 9.6

Reference was added to the manual dose assessment procedures.