

Callaway Plant Unit 2

Combined License Application

Part 5: Emergency Plan — Introduction

The COLA Part is completely site specific.

Revision 1
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5.0 EMERGENCY PLAN INTRODUCTION

5.1 EXPLANATORY NOTES REGARDING THE EMERGENCY PLAN AND SUPPLEMENTAL INFORMATION

The Callaway Plant Unit 2 Combined License Emergency Planning documentation consists of the following documentation:

1. Callaway Plant Unit 2 Emergency Response Plan
2. Callaway Plant Unit 2 Emergency Response Plan Annex
3. Enclosure A – Callaway Plant Unit 2 Summary Explanation of Emergency Action Levels
4. Enclosure B – Callaway Plant Unit 2 EAL Comparisons and Technical Bases for Changes
5. Enclosure C – Callaway Plant Unit 2 EAL Technical Bases Manual
6. State of Missouri Nuclear Accident Plan - Callaway
7. Local Emergency Plans
 - a. Callaway County/Fulton Radiological Emergency Response Plan for an Incident at Callaway Nuclear Power Plant
 - b. Gasconade County Radiological Emergency Response Plan
 - c. Montgomery County Radiological Emergency Response Plan for an Incident at Callaway Nuclear Power Plant
 - d. Osage County Radiological Emergency Response Plan for an Incident at Callaway Nuclear Power Plant
8. Letters of Commitment
9. Evacuation Time Estimate
10. 50.54q Evaluation of Callaway Plant Unit 2 Impact on Callaway Plant Unit 1 Emergency Preparedness
11. Emergency Planning ITAAC
12. Emergency Planning ITAAC Regulatory Guide 1.206 Differences

The plan is written in accordance with NUREG-0654 and provides detailed information regarding each of the sixteen Planning Standards and associated Evaluation Criteria. The annex allows for Callaway Plant Unit 2 specific information. The supplemental information provides additional detailed information on various aspects of the Emergency Plan. Enclosures A, B and C are located in Part 5 and provide detailed EAL information including a comparison with NEI 99-01, Rev. 5 and an EAL Basis document. Current versions of the State and Local Emergency plans, Letters of Commitment, Evacuation Time Estimate and an Impact Evaluation performed under 50.54.q are located in Part 5. Emergency Planning Inspections, Test, Analyses, and Acceptance Criteria (ITAAC) are included in Part 10 of the COLA.

5.2 EMERGENCY PREPAREDNESS PROGRAM MILESTONE AND IMPLEMENTATION SCHEDULE

The figure and associated list on the following page delineates the Callaway Plant Unit 2 Emergency Preparedness Program Milestones as part of the Combined License Application.



- (A) COLA Emergency Plan submittal.
- (B) Establish construction site Emergency Procedures.
- (C) Purchase necessary construction Emergency Program materials (radios, vehicles).
- (D) Obtain binding Letters of Agreement from support agencies.
- (E) Revise Unit 1 Emergency Plan to reflect construction activities.
- (F) Train personnel for construction site evacuation.
- (G) Emergency evacuation plan for construction site implemented upon commencement of construction activities.
- (H) Base Mat pour commence safety related work.
- (I) Develop Emergency preparedness procedural criteria for Callaway Plant Unit 2.
- (J) Fuel on site.
- (K) Combine Callaway Plant Unit 1 and Unit 2 Emergency Plans (Unit 1 Annex).
- (L) Unit 2 detailed Implementing Procedures submitted 180 days prior to Initial Fuel Load.
- (M) Full Participation Exercise objectives submitted 180 days prior to Exercise.
- (N) Full Participation Exercise within 2 years of Initial Fuel Load.
- (O) ITAAC closure.
- (P) Initial Fuel Load.