

Docket No.: STN 50-483

APPLICANT: Union Electric Company

FACILITY: Callaway Plant Unit 1

SUBJECT: SUMMARY OF MEETING HELD ON SEPTEMBER 10, 1982 WITH CALLAWAY APPLICANT CONCERNING EMERGENCY PREPAREDNESS

A meeting was held on September 10, 1982 at the NRC staff Offices in Bethesda, Maryland with representatives of the Union Electric Company. The meeting was held to discuss matters related to emergency preparedness for the Callaway Plant, Unit 1.

The list of attendees at this meeting is attached as Enclosure 1. The agenda for the meeting included a discussion of contingencies for offsite emergency planning, radiological considerations, and emergency plan coordination.

Union Electric reviewed their efforts at emergency planning over the last few years. They indicated there are approximately 5,430 people within a 10 mile radius of the plant. These people reside in 4 counties with the approximate distribution below:

<u>County</u>	<u>People with in 10 miles</u>
Callaway	4,245
Osage	1,032
Montgomery	123
Gasconade	30
	<u>5,430</u>

Union Electric has added the city of Fulton in Callaway County into the Emergency Planning Zone (EPZ), raising the total EPZ population to approximately 17,000.

Union Electric noted that they have scheduled their emergency exercise for October, 1983.

Union Electric presented various EPZ boundary proposals which had been suggested by various counties and the utility in the past. As of this time, Union Electric is discussing the acceptability of local plans and EPZ boundaries with the four counties. Union Electric indicated a concern that they might not be able to reach an agreement with Montgomery and Gasconade Counties concerning the EPZ boundary in those counties. Union Electric presented three alternative courses of action they are considering in their offsite emergency planning:

- (1) Continue on the present path with 4 counties, 4 sets of standard operating procedures, and an integrated plan, and attempt to reach agreements with the counties on the EPZ boundaries and emergency plans.

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- (2) Adopt an EPZ boundary as shown in Radiological Emergency Response Plan, Rev. 5, Appendix I (Figure 3, page 14) with a slight change in the area of Osage County (which has been agreed to by the Osage County Court and Union Electric). The state will provide the necessary assistance to carry out protective measures in Montgomery and Gasconade counties.
- (3) Based on demography, reduce the size of the plume-exposure pathway EPZ (impacting about 300 persons) by excluding Montgomery and Gasconade Counties and reducing slightly the Osage County area as in alternative 2.

Union Electric indicated that, even with the reduced EPZ under option 3, their calculations show that radiation levels from a design basis accident at Callaway would be well below the action thresholds in terms of radial distance from the plant.

The NRC staff suggested that FEMA should be advised of these alternatives and their bases since FEMA was not able to attend this meeting. The staff pointed out that tone-alert systems have been implemented successfully at some plants and could be considered for appropriate applications.



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Enclosure:
 As stated

cc: See next page

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OCT 20 1982

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OCT 20 1982

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- 2 -

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ENCLOSURE 1

Attendance at Emergency Preparedness
Meeting for Callaway Plant Unit 1
Held September 10, 1982 in Bethesda, MD

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Richard Van Nie!

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SURNAME ▶
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MEETING SUMMARY

Document Control (STN 50-483)

OCT 20 1982

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Attorney, OELD
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