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U.S. NUCLEAR REGULATORY COMMISSION  
REGION IV

Docket No.: 50-483  
License No.: NPF-30  
Report No.: 50-483/97-09  
Licensee: Union Electric Company  
Facility: Callaway Plant  
Location: Junction Highway CC and Highway O  
Fulton, Missouri  
Dates: April 22-25, 1997  
Inspector: D. W. Schaefer, Security Specialist, Plant Support Branch  
Approved By: Blaine Murray, Chief, Plant Support Branch  
Division of Reactor Safety

ATTACHMENT: Supplemental Information

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EXECUTIVE SUMMARY

Callaway Plant  
NRC Inspection Report 50-483/97-09

This was a special, announced, inspection of the licensee's implementation of the land vehicle control measures implemented in accordance with 10 CFR Part 73, "Physical Protection of Plants and Materials," utilizing Temporary Instruction 2515/132, "Malevolent Use of Vehicles at Nuclear Power Plants," dated January 18, 1996. Additionally, the inspection included partial review of the security system power supply and review of previous inspection findings.

Plant Support

- The installed vehicle barrier system was consistent with the summary description previously submitted to the NRC, encompassed all vital areas of the facility, and was accurately described in the security plan (Section S1.1).
- The installed vehicle barrier system met the rule guidance for protecting required plant vital equipment from a vehicle bomb blast. The bomb blast analysis was consistent with the summary description previously submitted to the NRC. Distances between the vehicle barrier system and vital equipment exceeded the minimum standoff distance (Section S1.2).
- The licensee's procedures adequately addressed security surveillance, maintenance, and compensatory security measures. Additionally, proper procedures had been implemented for access control measures for vehicles, and other procedures addressing vehicle access control and the safe shutdown of the plant (Section S1.3).
- An inspection followup item was identified involving the licensee's system for conducting periodic tests of the security diesel generator (Section S2.1).