



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

January 12, 1999

Mr. Oliver D. Kingsley, President  
Nuclear Generation Group  
Commonwealth Edison Company  
Executive Towers West III  
1400 Opus Place, Suite 500  
Downers Grove, IL 60515

SUBJECT: COMPLETION OF LICENSING ACTION FOR GENERIC LETTER 96-01,  
"TESTING OF SAFETY-RELATED LOGIC CIRCUITS" - QUAD CITIES, UNIT 1  
(TAC NO. M94722)

Dear Mr. Kingsley:

On January 10, 1996, the U.S. Nuclear Regulatory Commission (NRC) issued Generic Letter (GL) 96-01, "Testing of Safety-Related Logic Circuits," to all holders of operating licenses or construction permits. The NRC issued GL 96-01 for three principal reasons:

1. Notify addressees about problems with testing of safety-related logic circuits;
2. request that all addressees implement the actions described within the GL; and
3. require that all addressees submit a written response to the NRC regarding implementation of the requested actions.

In GL 96-01, the NRC staff specifically requested that licensees take the following actions.

1. Compare electrical schematics and logic diagrams for the reactor protection system, emergency diesel generator load shedding and sequencing, and actuation logic for the engineered safety feature systems against plant surveillance test procedures to ensure that all portions of the logic circuitry, including the parallel logic, interlocks, bypasses, and inhibit circuits, are adequately covered in the surveillance procedures to fulfill the technical specification (TS) requirements. This review should also include relay contacts, control switches, and other relevant electrical components within these systems, utilized in the logic circuits performing a safety function; and
2. Modify the surveillance procedures, as necessary, for complete testing to comply with the TS. Additionally, the licensee may request an amendment to the TS if relief from certain testing requirements can be justified.

Furthermore, the NRC staff required that addressees prepare and submit the following:

1. A written response indicating whether or not the licensee would implement the actions required above or propose an alternative action;

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2. a schedule for completing the requested actions or proposed alternative; and
3. a response confirming completion of the requested actions.

In response to GL 96-01, you provided letters dated April 19, 1996, and December 18, 1998, for the Quad Cities Nuclear Power Station, Unit 1. These submittals provided the information requested and the responses required by GL 96-01; therefore, TAC No. M94722 is closed.

If you have any questions regarding this matter, please contact me at (301) 415-3016.

Sincerely,

ORIG. SIGNED BY

Robert M. Pulsifer, Project Manager  
Project Directorate III-2  
Division of Reactor Projects - III/IV  
Office of Nuclear Reactor Regulation

Docket No. 50-254

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O. Kingsley

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Robert M. Pulsifer, Project Manager  
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