

September 21, 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: PLANT-SPECIFIC SAFETY EVALUATION FOR USI A-46 PROGRAM
IMPLEMENTATION AT QUAD CITIES NUCLEAR POWER STATION. UNITS 1
AND 2 (TAC NOS. M69476 AND M69477)

Dear Mr. Kingsley:

The licensee's USI A-46 program at Quad Cities Nuclear Power Station, Units 1 and 2, was established in response to Generic Letter (GL) 87-02 through a 10 CFR 50.54(f) letter. The staff concludes that Commonwealth Edison Company's (ComEd, the licensee) USI (Unresolved Safety Issue) A-46 implementation program has, in general, met the purpose and intent of the criteria in GIP-2 and the staff's SSER No. 2 for the resolution of USI A-46. The staff has determined that ComEd's corrective actions and completed physical modifications for resolution of outliers will result in safety enhancements that, in certain aspects, are beyond the original licensing basis and, as a result, provide sufficient basis to close the USI A-46 review at the facility. The staff also concludes that the licensee's implementation program to resolve USI A-46 at the facility has adequately addressed the purpose of the 10 CFR 50.54(f) request. Licensee activities related to the USI A-46 implementation are subject to NRC inspection. Enclosed is the staff's safety evaluation of your USI A-46 implementation program at Quad Cities.

This completes the staff review and closes TAC Nos. M69476/M69477.

Sincerely,

Original Signed By

Robert M. Pulsifer, Project Manager, Section 2
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-254 and 50-265

Enclosure: Safety Evaluation

cc w/encl: See next page

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O. Kingsley
Commonwealth Edison Company

cc:

Commonwealth Edison Company
Quad Cities Station Manager
22710 206th Avenue North
Cordova, Illinois 61242-9740

U.S. Nuclear Regulatory Commission
Quad Cities Resident Inspectors Office
22712 206th Avenue N.
Cordova, Illinois 61242

Chairman
Rock Island County Board
of Supervisors
1504 3rd Avenue
Rock Island County Office Bldg.
Rock Island, Illinois 6121

Illinois Department of Nuclear Safety
Office of Nuclear Facility Safety
1035 Outer Park Drive
Springfield, Illinois 62704

Regional Administrator
U.S. NRC, Region III
801 Warrenville Road
Lisle, Illinois 60532-4351

William D. Leach
Manager - Nuclear
MidAmerican Energy Company
907 Walnut Street
P.O. Box 657
Des Moines, Iowa 50303

Mr. R. M. Krich
Vice President - Regulatory Services
Commonwealth Edison Company
Executive Towers West III
1400 Opus Place, Suite 500
Downers Grove, Illinois 60515

Document Control Desk-Licensing
Commonwealth Edison Company
1400 Opus Place, Suite 400
Downers Grove, Illinois 60515

Quad Cities Nuclear Power Station
Units 1 and 2

Vice President - Law and
Regulatory Affairs
MidAmerican Energy Company
One River Center Place
106 E. Second Street
P.O. Box 4350
Davenport, Iowa 52808

Mr. David Helwig
Senior Vice President
Commonwealth Edison Company
Executive Towers West III
1400 Opus Place, Suite 900
Downers Grove, Illinois 60515

Mr. Gene H. Stanley
PWR Vice President
Commonwealth Edison Company
Executive Towers West III
1400 Opus Place, Suite 900
Downers Grove, Illinois 60515

Mr. Christopher Crane
BWR Vice President
Commonwealth Edison Company
Executive Towers West III
1400 Opus Place, Suite 900
Downers Grove, Illinois 60515

Commonwealth Edison Company
Site Vice President - Quad Cities
22710 206th Avenue North
Cordova, Illinois 61242-9740

Commonwealth Edison Company
Reg. Affairs Manager - Quad Cities
22710 206th Avenue N.
Cordova, Illinois 61242-9740

Ms. Pamela B. Stroebel
Senior Vice President and General Counsel
Commonwealth Edison Company
P.O. Box 767
Chicago, Illinois 60690-0767