



May 29, 1998

U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Attention: Document Control Desk

Subject: Byron Station Units 1 and 2  
Braidwood Station Units 1 and 2  
Dresden Station Units 2 and 3  
LaSalle County Station Units 1 and 2  
Quad Cities Station Units 1 and 2

Commonwealth Edison Company (ComEd) Response to NRC Generic Letter (GL) 95-07, "Pressure Locking and Thermal Binding of Safety-Related Power-Operated Gate Valves," dated August 17, 1995

NRC Docket Numbers: 50-454 and 50-455

NRC Docket Numbers: 50-456 and 50-457

NRC Docket Numbers: 50-237 and 50-249

NRC Docket Numbers: 50-373 and 50-374

NRC Docket Numbers: 50-254 and 50-265

- References:
- (1) NRC Generic Letter 95-07, "Pressure Locking and Thermal Binding of Safety-Related Power-Operated Gate Valves," dated August 17, 1995
  - (2) C.Y. Shiraki (NRC) letter to I.M. Johnson dated May 28, 1997 - Request for Additional Information (RAI)

In Reference 1, the Nuclear Regulatory Commission (NRC) requested licensees to provide various evaluations and analyses regarding the susceptibility of power-operated gate valves to pressure locking and thermal binding. Responses were required at 60 days and 180 days. Reference 2 is a Request for Additional Information (RAI) regarding various aspects of the 180-day letter. ComEd has reviewed the information requested in Reference 2 and provides its response in the attachments to this letter for all stations except for Zion Station. This Generic Letter specifically excludes those licenses that have been amended to possession only status; however, ComEd is providing a generic response to Zion question 1 (see Attachment F) because the response may have future applicability to other ComEd plants.

000010  
9806040184 980529  
PDR ADOCK 05000237  
P PDR

A056/11

May 29, 1998

Please direct any questions concerning this response to this office.

Sincerely,



R.M. Krach  
Vice President-Regulatory Services

Attachment A Response to Generic Questions

Attachment B Response to Byron and Braidwood Units 1 & 2 Questions

Attachment C Response to Dresden Station Units 2 & 3 Questions

Attachment D Response to LaSalle Station Units 1 & 2 Questions

Attachment E Response to Quad Cities Station Units 1 & 2 Questions

Attachment F Response to Question 1 for Zion Station Units 1 & 2

Attachment G Generic Letter 95-07 Pressure Locking and Thermal  
Binding Susceptibility Evaluation for Dresden Station,  
Revision 0, September, 1996

Attachment H ComEd Calculations

DS/cb

cc: Regional Administrator-RIII  
Braidwood Project Manager, NRR  
Byron Project Manager, NRR  
Dresden Project Manager, NRR  
LaSalle Project Manager, NRR  
Quad Cities Project Manager, NRR  
Senior Resident Inspector (Braidwood)  
Senior Resident Inspector (Byron)  
Senior Resident Inspector (Dresden)  
Senior Resident Inspector (LaSalle)  
Senior Resident Inspector (Quad Cities)  
Office of Nuclear Facility Safety – IDNS