



Commonwealth Edison  
1400 Opus Place  
Downers Grove, Illinois 60515

April 9, 1991

Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Attn: Document Control Desk

Subject: Dresden Nuclear Power Station Units 2 and 3  
Quad Cities Nuclear Power Station Units 1 and 2  
Zion Nuclear Power Station Units 1 and 2  
LaSalle County Nuclear Power Station Units 1 and 2  
Byron Nuclear Power Station Units 1 and 2  
Braidwood Nuclear Power Station Units 1 and 2  
Supplemental Response to Generic Letter 88-20  
NRC Docket Nos. 50-237/249, 50-254/265, 50-295/304  
50-373/374, 50-454/455 and 50-456/457

- References:
- (a) Generic Letter 88-20, Individual Plant Examination for Severe Accident Vulnerabilities, dated November 23, 1988.
  - (b) Generic Letter 88-20 Supplement 1, Initiation of the Individual Plant Examination for Severe Accident Vulnerabilities, dated August 29, 1989.
  - (c) M.H. Richter letter to U.S. NRC dated October 27, 1989.

Gentlemen:

References (a) and (b) requested that licensees perform a systematic examination to identify any plant specific vulnerabilities to severe accidents and report the results to the NRC. Licensees were requested to initially submit the proposed program (methodology and schedule) for completing their Individual Plant Examinations (IPEs). Reference (c) provided that response which described the IPE/Accident Management Program that is being performed by Commonwealth Edison Company (CECo) for Dresden, Quad Cities, Zion, LaSalle County, Byron and Braidwood Stations.

Reference (c) stated that the CECo IPE/Accident Management Program would result in "full-scope" Level II Probabilistic Risk Assessments (PRAs) for each station in addition to the integrated development of Edison's Accident Management Plan. The primary objective of the program is to identify, evaluate and resolve severe accident issues germane to Edison's plants, with emphasis on the prevention of such accidents and on the need to effectively respond to sequence progression in the event of a severe accident.

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In Reference (c) CECO committed to providing IPEs for the six CECO nuclear power stations according to the schedule presented in Attachment 1 of this letter. This schedule was based in part upon assumptions regarding the availability of external IPE expertise and a scope of technical effort which have proven to have been underestimated. This has led to a delay in the completion of some milestones in the CECO IPE program.

In order to minimize this delay and its effect upon IPE submittals to the NRC, CECO has altered the proposed order of CECO station IPE efforts. This reordering will allow CECO to take advantage of the similarities of the Dresden and Quad Cities Stations design as well as the Byron and Braidwood Stations design.

The revised CECO IPE program will result in an IPE submittal schedule as delineated in Attachment 2 of this letter. Please note that both the submittal order and submittal dates have changed. The net result of these revisions is a 6 month delay in the completion of CECO IPE Program.

Please direct any questions that you may have concerning this response to this office.

Respectfully,



D.L. Taylor  
Generic Issues Administrator

#### Attachments

cc: A.B. Davis, Regional Administrator, RIII  
Resident Inspectors D/QC/Z/LSC/BY/BDWD  
B.L. Siegel - Project Manager, NRR  
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ATTACHMENT 1

ORIGINAL SCHEDULE FOR COMPLETION OF THE  
CECO IPE PROGRAM

Zion Station	November 1991
Dresden Station	April 1992
Byron Station	September 1992
Quad Cities Station	June 1993
Braidwood Station	October 1993
LaSalle Station	June 1994

ATTACHMENT 2

REVISED SCHEDULE FOR COMPLETION OF THE  
CECO IPE PROGRAM

Zion Station	April 1992
Dresden Station	April 1993
Quad Cities Station	September 1993
Byron Station	April 1994
Braidwood Station	June 1994
LaSalle Station	December 1994