



Commonwealth Edison  
1400 Opus Place  
Downers Grove, Illinois 60515

September 16, 1992

Dr. Thomas E. Murley, Director  
Office of Nuclear Reactor Regulation  
Nuclear Regulatory Commission  
Washington, DC 20555

Attention: Document Control Desk

Subject: Dresden Nuclear Power Station Units 2 and 3  
Electrical Distribution System Functional Inspections (EDSFI)  
Unresolved Item No. 91-201-06  
NRC Docket Nos. 50-237 and 50-249

- References: (a) P. Piet memo to T. Murley, dated July 24, 1992  
(b) Teleconference between CECo (B. Wong, P. Piet, et al.) and NRC (R. Gardner), dated September 3, 1992

Dear Dr. Murley:

During the Dresden Station Electrical Distribution System Functional Inspection (EDSFI), the NRC Staff indicated that Commonwealth Edison Company (CECo) was unable to provide adequate documentation that power cables were properly sized to provide sufficient ampacities. In response, CECo stated in the Reference (a) memo that an evaluation was performed of the Sargent and Lundy Interactive Cable Engineering (SLICE) cable report based on entering the allowable full load current for their ampacity values. As a result of the evaluation (Reference (a)), it was determined that no cables exceeded the allowable ampacities.

As discussed during the Reference (b) teleconference, a programming error in the power/control subroutine of SLICE that determines the thermal loadings of cable trays identified 953 potentially overloaded cable tray points at Dresden Station. Some of the routing points and associated cables discussed in the Reference (a) memo may be included in this population.

CECo performed an operability assessment using appropriate company procedures and determined that all applicable equipment associated with the SLICE programming error is operable. An action plan (including schedule) to disposition the identified discrepancies is scheduled to be developed by September 25, 1992.

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Dr. T. E. Murley

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If there are any questions concerning this issue, please contact this office.

Sincerely,



Peter L. Piet

Nuclear Licensing Administrator

cc: A. B. Davis, Regional Administrator - RIII  
B. L. Siegel, Project Manager - NRR  
W. G. Rogers, Senior Resident Inspection - Dresden  
D. S. Butler, Inspector - RIII  
R. Gardner - RIII

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