



Commonwealth Edison
1400 Opus Place
Downers Grove, Illinois 60515

July 24, 1992

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

Attn: Document Control Desk

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

Reference: (a) T.J. Kovach memo to U.S. NRC, dated November 4, 1991

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: 1) power cables were properly sized to provide sufficient ampacities; and 2) the validity of the results from the Sargent and Lundy Interactive Cable Engineering (SLICE) computer code were dependent on complete and accurate information regarding "as installed" cable routing. Adequate documentation was not available to verify that cables were correctly installed (cable tab information).

CECo's goal was to resolve any power cable ampacity deficiencies (Item 1) and develop a project plan to determine if the input (cable routing) to the SLICE program is valid (item 2). CECo contracted Sargent & Lundy (S&L) to review and resolve any power cable ampacity concerns at Dresden Station. An evaluation was performed of the SLICE cable report based on entering the allowable full load current for their ampacity values. Circuit load data was obtained for those cables which were identified as overloaded. The calculated load currents were re-entered into the SLICE database. The SLICE program was re-run with the calculated load currents and the report shows that no cables exceed the allowable ampacities.

Therefore, based upon the above information, no further action is planned concerning Item 1. Regarding Item 2, a project plan concerning the methods available to verify existing cable routing has been completed.

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CECo is currently prioritizing the implementation of the plan against other design basis programs. A decision on schedule for completion will be made by late 1992. At this time, CECo does not plan to perform detailed extensive cable routing verifications on existing systems at Dresden Station.

If there are any questions or concerns regarding this matter, please contact this office.

Sincerely,



Peter L. Piet
Nuclear Licensing Administrator

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