



Commonwealth Edison
 72 West Adams Street, Chicago, Illinois
 Address Reply to: Post Office Box 767
 Chicago, Illinois 60690 - 0767

October 17, 1989

PRIORITY ROUTING

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Mr. A. Bert Davis
 Regional Administrator
 U.S. Nuclear Regulatory Commission
 Region III
 799 Roosevelt Road
 Glen Ellyn, IL 60137

Subject: Commonwealth Edison Company Use of Thermisters
 for Integrated Leakage Rate Testing (ILRT)
 NRC Docket Nos. 50-237/249; 50-254/265;
50-454/455; 50-456/457; 50-373/374 & 50-295/304

Mr. Davis:

Enclosed for your information is a Commonwealth Edison (CECo) report on testing that was performed at LaSalle Station in June of 1989 to demonstrate that Thermisters can be used as an acceptable substitute for RTDs in dry bulb temperature measurements during Integrated Leakage Rate Testing (ILRT). Thermister performance was compared both against the criteria specified in ANS-56.8 and the RTDs which are now used to perform these measurements. Mr. F.A. Maura of your staff observed some of the testing campaign at LaSalle.

Based on the successful Thermister testing, CECO intends to utilize them for ILRTs at all six sites.

Please contact this office should further information be required.

Very truly yours,

J.A. Silady
 Nuclear Licensing Administrator

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Enclosure

cc: F.A. Maura - Region III
 P.C. Shemanski - Project Manager, NRR
 Project Managers - NRR (w/o Att.)
 Resident Inspectors - All Stations (w/o Att.)

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