



Commonwealth Edison
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 Address Reply to: Post Office Box 767
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October 19, 1982

Mr. Darrell G. Eisenhut, Director
 Division of Licensing
 U.S. Nuclear Regulatory Commission
 Washington, DC 20555

Subject: Dresden Station Units 2 and 3
 Quad Cities Units 1 and 2
 Information Concerning Reactor
 Water Cleanup Room (RWCU) Area
 Temperature Monitors
 NRC Docket Nos. 50-237/249 and
50-254/265

Reference (a): T. J. Rausch letter to H. R. Denton
 dated September 4, 1981.

Dear Mr. Eisenhut:

In Reference (a), Commonwealth Edison provided item-by-item evaluations of equipment qualification deficiencies identified in the June, 1981 NRC SER's for Dresden 2 and 3 and Quad Cities 1 and 2. As a result of further discussions with your staff, we are providing additional information concerning RWCU room area temperature monitors currently installed in the Dresden and Quad Cities units.

The subject temperature monitors are Resistance Temperature Detectors (RTDs) with plant ID nos. TE-1291.60 A,B,C,D,E,F,G, and H manufactured by SCAM Instruments, and are designated Model No. S51-1. They alert the operator of high temperature in the RWCU area by alarming in the control room at nominally 200°F. The operator can read the temperature of any one of the eight RWCU room RTDs at a control room back panel meter which has a range of 0 to 400°F. The manufacturer's information indicates that these RTDs are capable of being calibrated up to 1200°F.

These temperature elements cause no automatic plant response beyond the control room alarms. Being RTDs, failure would most likely result in an open circuit or high resistance, which conservatively would alarm as high temperature. We would not expect all eight temperature elements to fail at once. If there was a leak in the RWCU area, radiation monitors would be expected to alarm, and there would also be increased reactor building drain sump flows.

Although this equipment is not environmentally qualified, we believe that the high temperature monitoring capability and availability of other indicators of RWCU area steam leaks provides more than adequate justification for continued operation while the qualified replacement effort continues.

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To the best of my knowledge and belief the statements contained herein are true and correct. In some respects these statements are not based on my personal knowledge but upon information furnished by other Commonwealth Edison employees. Such information has been reviewed in accordance with Company practice and I believe it to be reliable.

Please address any questions you may have concerning this matter to this office.

One (1) signed original and thirty-nine (39) copies of this transmittal are provided for your use.

Very truly yours,



Thomas J. Rausch
Nuclear Licensing Administrator

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cc: Region III Inspector - Dresden
Region III Inspector - Quad Cities

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