

**Detroit  
Edison**

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April 15, 1983  
EF2-62625

Mr. James G. Keppler, Regional Administrator  
Region III  
U.S. Nuclear Regulatory Commission  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

Subject: Interim Report of 10CFR50.55(e) Item on Rosemount Trip Units  
(#75)

Dear Mr. Keppler:

This interim report on the Rosemount Trip Units has been prepared to provide the current status of this problem.

This item was originally reported to Mr. J. Konklin of NRC Region III by Detroit Edison's Mr. G.M. Trahey, Assistant Director - Project Quality Assurance, on July 20, 1982.

During calibration of Rosemount Model 510 DU Trip Units, it was determined that a high percentage could not be calibrated. Without circuit analysis, Edison Engineering was unable to determine whether or not, if uncorrected, the problem would prevent the unit from performing its function properly.

Based on preliminary evaluation, the cause was believed to be oxidation of the trip set point adjusting potentiometer windings. Further investigation revealed that Rosemount had manufactured those potentiometers with silver contacts. Edison is currently replacing them with potentiometers containing gold contacts.

Another report on this item, either interim or final, will be sent when further information is available. If you have questions concerning this matter, please contact Mr. G.M. Trahey, Assistant Director - Project Quality Assurance.

Very truly yours,

*T.A. Allen*  
*for D.A. Wells*

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cc: Mr. Richard DeYoung, Director  
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