

**Detroit
Edison**

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April 30, 1981
EF2-49,969

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

Subject: 10CFR50.55(e) Report on Agastat Relay Bases (#23)

Dear Mr. Keppler:

Detroit Edison's final report on the Agastat Relay Base problem was submitted to you on November 3, 1980. Subsequent work in this area has indicated that a change in the action indicated on that report will be necessary. We are, therefore, submitting this supplement to the above referenced final report.

The problem was originally reported to Mr. R. Knop by Mr. H.A. Walker in a telephone call November 9, 1979. It had been noted in performing checks on the Primary Containment Monitoring System that some circuits through the Agastat relays were open when they should have been closed. Investigation revealed that pins in the relay mounting brackets connecting to the relays were loose and if a good alignment of relay connector pins to mounting bracket terminal was not obtained, then the mounting bracket terminal was pushed away from the relay resulting in an open or intermittently open circuit. At the time of the report, the problem had been noted only in the two panels of the Containment Monitoring Systems (panels H11-P914 and H11-P915). Subsequent investigation has revealed that this type relay base is also used in five additional panels which were supplied by General Electric.

Detroit Edison has ordered a different model of relay mounting base for panels H11-P914 and H11-P915 which will replace all forty bases now in these panels. General Electric submitted a proposal to modify the relay bases in the five G.E. supplied panels to eliminate the pin push out problem. This proposal was evaluated by Detroit Edison Engineering, and was accepted with slight modifications. However, subsequent problems with this method indicated the need for additional evaluation. As a result Detroit Edison has decided to replace the Agastat relay base in the five G.E. panels as well as those in the Containment Monitoring System. Purchase orders for the required material are being prepared and the work will be accomplished as construction schedules allow.

New installations or modifications to Agastat circuits of this type will incorporate the newer style relay mounting.

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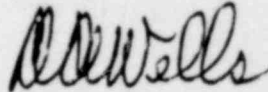
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This should be our final report on this matter. If you have questions on this problem, please contact Mr. H.A. Walker of our Construction Quality Assurance Organization.

Very truly yours,



Donald A. Wells, Manager
Quality Assurance

DAW/HAW/cp

cc: ✓ Mr. Victor Stello, Jr., Director
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