

Rec'd 7/8/97



July 3, 1997

Michele Burgess
Mechanical Engineer
U.S. Nuclear Regulatory Commission
Division of Industrial and Medical Nuclear Safety
Washington, DC 20555

References:

NRC License Number: 12-15023-02
Device Series: 3251
Ion Chamber Series: 700A

Dear Michele:

We are in the process of modifying one of the mechanical drawings that is currently referenced in our NRC license. More specifically, drawing number: C-0-44, Rev. C will be changed to revision D. The change would entail the creation of a small hole in the inner chamber. The reason for the change is based on our experience in the field. When the product is installed in dusty environments, dust accumulation occurs in the area of the proposed change, which affects the product's ability to detect smoke. By inserting a hole in the inner chamber, dust accumulation is minimized, thus making the product more robust.

Adding a hole to the chamber will not affect in any way the safety characteristics of the product, due to the part's physical placement in the smoke detector. Furthermore, none of the critical dimensions referenced by a "*" symbol in the original drawing have changed. Therefore, no mechanical testing was deemed necessary.

Please find enclosed two (2) copies of the proposed drawing, to assist in your evaluation. I would appreciate if you could inform me of any additional information you may require to complete the evaluation.

If you have any questions feel free to contact me at (630) 377-6674, Ext. 297 or fax me at (630) 377-6985.

Sincerely,

A handwritten signature in cursive script that reads "Thomas Charalambus".

Tom Charalambus
Regulatory Compliance Liaison

System Sensor
A Division of Pittway
3825 Ohio Avenue
St. Charles, Illinois 60174
Telephone: 630-377-6580
Fax: 630-377-6495
<http://www.systemsensor.com>

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PDR RC * PDR
SSD