



December 28, 1992

Chief, Nuclear Materials Safety Branch
U.S. Nuclear Regulatory Commission
799 Roosevelt Rd.
Glen Ellyn, IL 60137

Gentlemen;

Confirming my telephone call to Loren Hueter on 24 December 1992, ABB Process Automation Inc, Byproduct Material License No. 34-00255-03, wipe tested a 3 Ci AM-241 sealed source on 23 December 1992. The test removed what may be as much as 6.6 nCi as detected by a Victoreen Model 702 Alpha detector connected to a Baird Atomic Model 146 scaler. The details are as follows:

The source, Serial number AM-1037, Accuray Model S-16, was manufactured by Amersham International in February, 1985, received by us and subsequently shipped to Great Lakes Steel, Ecorse, MI. in April of the same year. All receiving inspection and subsequent wipe tests were negative.

The source holder was wipe tested and prepared for shipment 10 September 92 at the clients plant by our representative, and the results of that test were negative.

The client shipped the source holder to us on 17 December 1992 and we processed it for receiving on the 23rd. The packaging all tested negative as did the health shield and outside of the source holder. When we disassembled the holder the back of the source capsule was also negative, but a separate wipe of the window of the source removed 7300 cpm, net, which we calculate to be equivalent to as much as 6.6 nCi.

An examination of the window revealed a couple of pin head sized spots which looked like rust and were on the .001", stainless steel window material at its junction with the body of the capsule. No further count was removed anywhere else from inside or outside the source holder.

Due to the lack of count on the inner and outer surfaces of the source holder and the negative wipe test on the holder at the time of packaging, we conclude that there was no contamination transferred either to the gauge (Accuray Model U-6) or the clients process or product.

We have contacted the manufacturer and have made arrangements to return the source to them for further evaluation. We expect the source to be in their hands sometime between now and the end of the first week of January, 1993.

I am enclosing a drawing showing the details of the source capsule, source holder and health shield assembly for clarification. Please let me know if there is anything else you need.

Yours truly,

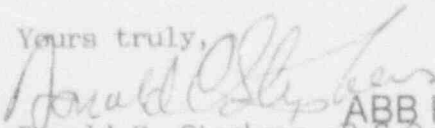
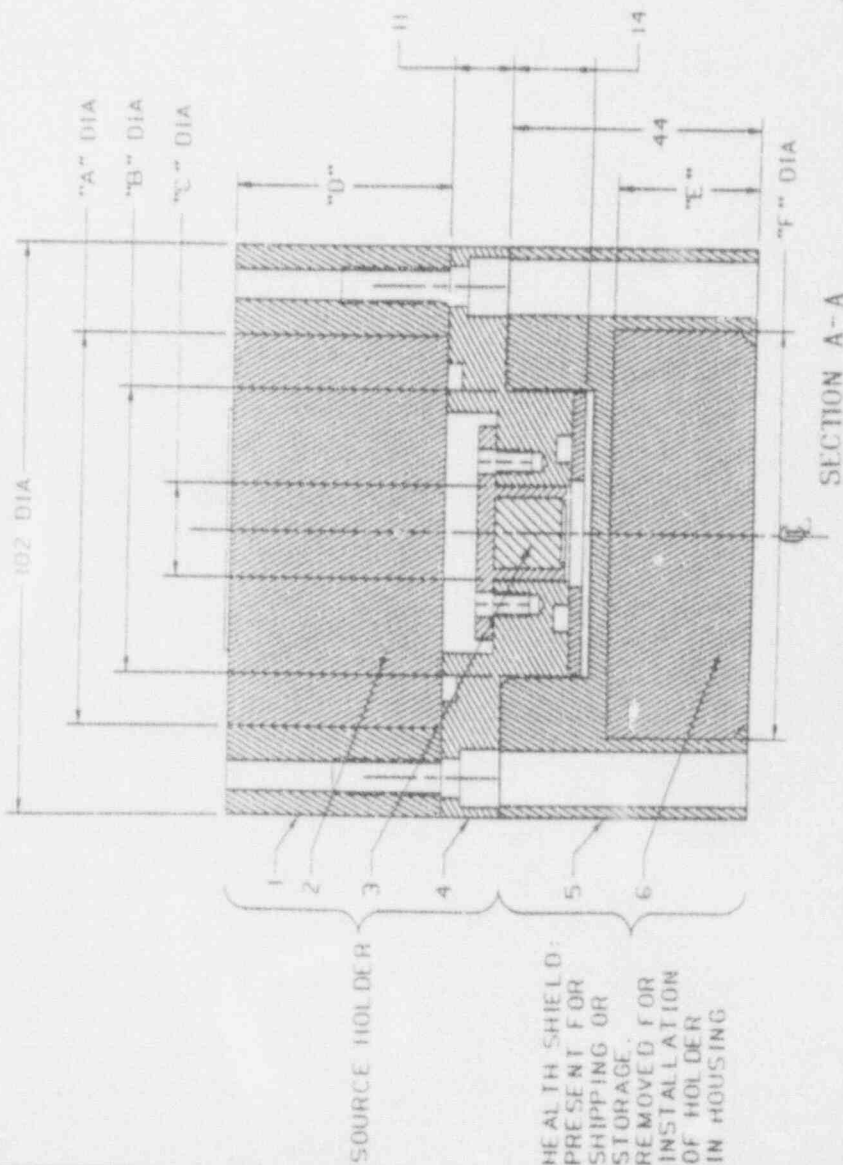

Donald C. Stephens, R.S.O.

ABB Process Automation Inc.

RECEIVED

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- NOTES
- 1 ALL DIMENSIONS ARE
IN MILLIMETERS
- 2 NO CHANGES TO BE
MADE TO THIS DRAWING
WITHOUT APPROPRIATE
RADIOLOGICAL/REGULATORY
APPROVAL IN WRITING.
SEE S/S III, # 5



B	CLARIFICATION	DATE	1-10-70	FILED BY	DATE
A	PRODUCTION RELEASE	DATE	1-10-70	FILED BY	DATE
1.18	RELEASE DESCRIPTION ON	DATE	1-10-70	FILED BY	DATE
<p>SEE VOLUME</p> <p>FOR FRANKS UNLESS OTHERWISE NOTED</p> <p>ALL MARCH 1970</p> <p>PLOTTING SPECIFICATION</p> <p>END LAYER: ALL</p> <p>COPY PHOTO EXHIBIT TO BE IN THE SAME VOLUME</p> <p>RETRY</p>					
<p>FOR FRANKS UNLESS OTHERWISE NOTED</p> <p>ALL MARCH 1970</p> <p>PLOTTING SPECIFICATION</p> <p>END LAYER: ALL</p> <p>COPY PHOTO EXHIBIT TO BE IN THE SAME VOLUME</p> <p>RETRY</p>					
<p>FOR FRANKS UNLESS OTHERWISE NOTED</p> <p>ALL MARCH 1970</p> <p>PLOTTING SPECIFICATION</p> <p>END LAYER: ALL</p> <p>COPY PHOTO EXHIBIT TO BE IN THE SAME VOLUME</p> <p>RETRY</p>					

