LUDLUM MEASUREMENTS, INC.
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DESIGNER AND MANUFACTURER OF
Scientific and Industrial Instruments

030-20785

Jack Foster, Chief, Licensing Branch
Mail Stop T 8 E 24
MSSA/FSME
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

26 August 2009

Dear Mr. Foster;
My name is Rhonda Harris and I am the Radiation Safety Officer for Ludlum Measurements Inc I am writing this request to have an amendment to our license, No. 42-21454-01E, to allow us to affix our check sources to the side of the instruments using a strong double sided tape.

Reason: This would give our customers a cheaper alternative to the check source holder and we now make Intrinsically Safe instruments and if we drill the holes in the side it will void the testing performed on these instruments.

I have enclosed a spec sheet from the manufacturer of the tape for your review.

Note: this tape would be used on any instrument we currently add the normal check source holder to.

If you need further information, please contact me at one of the numbers above.

Sincerely,

Rhonda Harris

Rhonda Harris
Radiation Safety Officer
Ludlum Measurements Inc

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WHITE HIGH DENSITY URETHANE SPECIFCATION SHEET

Foam Properties	Test Method	UR9062
Thickness Mils		56
Density (lb/cu.ft.)	ASTM D3574	30 (320)
Tensile Strength, PSI (kPa)	ASTM D3574	230 (2580)
Elongation %	ASTM D3574	370
Modulus, PSI (kPa)	ASTM D3574	100 (590)
Tear Strength PLI (Kn/M)	ASTM D624 Die C	30 (5)
Compression set %	ASTM D3574 Test D @ 73° F (23°C) @158° f (70°C)	<2 <2
Compress Force Deflection psi (kPa)	ASTM D3574 Test C 12.7 minimum @ 25% Deflection	17 (110)
Force To Compress @ 25% psi (kPa)	ASTM D1667	25 (170)
UL Testing, (JMST2)	UL50 and UL508	Pass
Adhesive Properties:		
180° Peel, oz/in (N/cm) Stainless steel 1hr liner side 24hrs, liner side	WI # TM001 WI # TM 001	100 (11) 125 (13.8)
Dynamic Tensile Bond psi (kPa)	WI # TM 010	100 (690)
Dynamic Shear Bond psi (kPa)	WI # TM 017	105 (725)