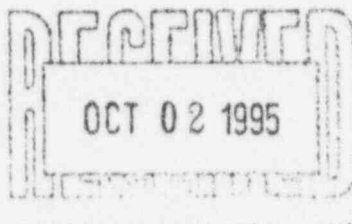


U30-11152
12-16856-DE

September 26, 1995

Steven Baggot
U.S. NRC
Mail Stop T85F
Washington DC. 2055



FYRNETICS INC.

Regarding: New smoke alarm Model 0914

Dear Mr. Baggot

We are in the process of adding a new model smoke detector to our product line. The samples are presently at Underwriters Laboratories undergoing testing to the UL 217 standard. This detector will be another model in our 091X series of detectors, which uses our type 200 Ionization chamber. These models using the type 200 chamber are currently covered under our NR-317-D-101-E licence.

This new model detector will be our model 0914. The model 0914 is schematically identical to our model 0915. The present model 0915 is a 5 inch diameter unit, the new model 0914 will be the same unit in a 4 inch diameter enclosure.

The 0914 will use the same chamber as the 0915. The attachment of the chamber to the printed circuit will be the same as the 0915 (soldered to the PCB). The Printed circuit board will be a smaller version of the 0915 circuit board, it will have the same shape as the 0915 printed circuit board. The circuit board will snap into the plastic base as it does on the 0915. The Piezo horn will be the same as the one used on the 0915.

The plastic used for the cover and the base of the 0914 will be the same type and thickness as the plastic used on the model 0915. The base and cover of the model 0914 snap together and are secured with 3 snap latches, the 0915 base and cover also snap together and are secured with 3 latches.

The model 0914 is a smoke alarm which is identical in operation and design to the 0915, it is just a smaller diameter unit. We feel that because of the similarities between the model 0914 and the existing model 0915, that the model 0914 is within the scope of being another unit in our 091X series, and should fall within the scope of our existing licence.

Please review the enclosed information and determine if this is the case, if it is please add the model 0914 to our license. If the model 0914 does not fall within the NRC scope of being another model in a series, then you will need to let me know how to proceed to have our licence amended to include this model.

9610180173 960919
PDR RC *
SSD

9610180173

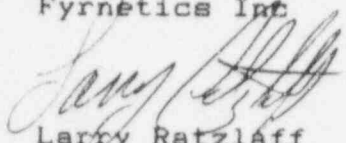
021785

Please contact me if you need me to provide you with any more information. I can be reached by phone at 708-893-3492 ext 24, or by fax at 708-893-9967.

I have enclosed copies of the following drawings:

Detector Base
Detector Cover
Detector mounting plate
Circuit Board Drawings.

Sincerely;
Fyrnetics Inc



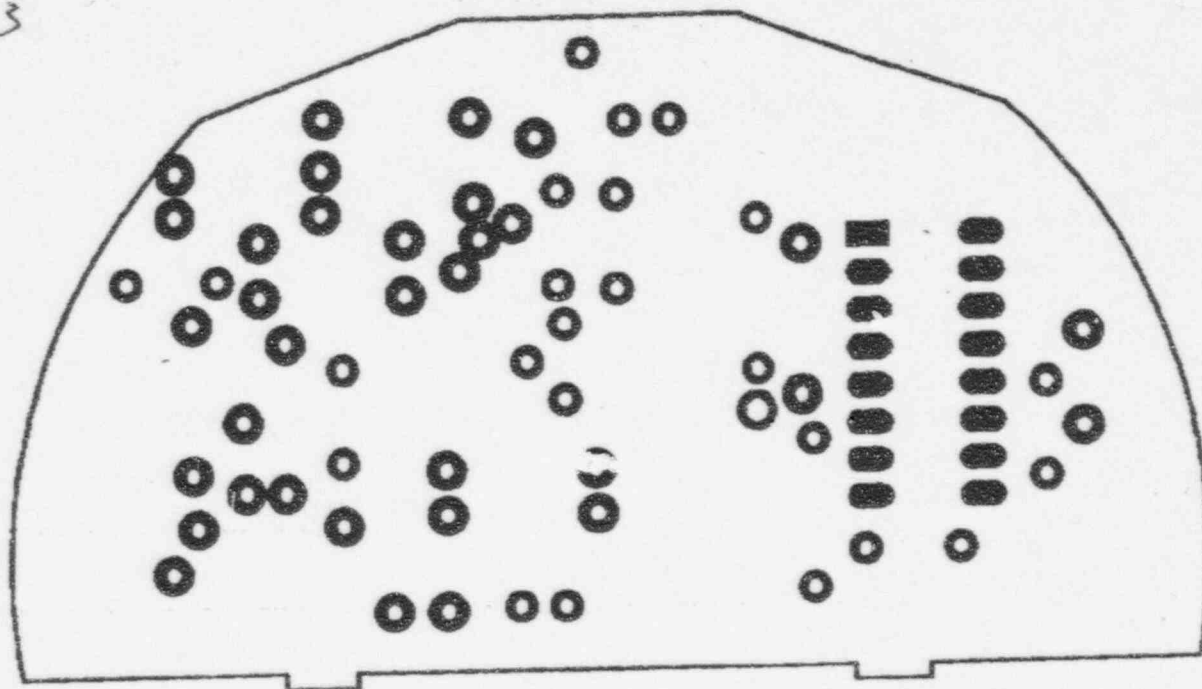
Larry Ratzlaff
Product Engineer

cc Tom Russo, Joanne Sha

POP22023

ATTN: LARK? R072677

FROM: CM. J0267



SCALE 2:1
SOLDER SIDE

0925-5201 REV.00
MINIATURE S/D

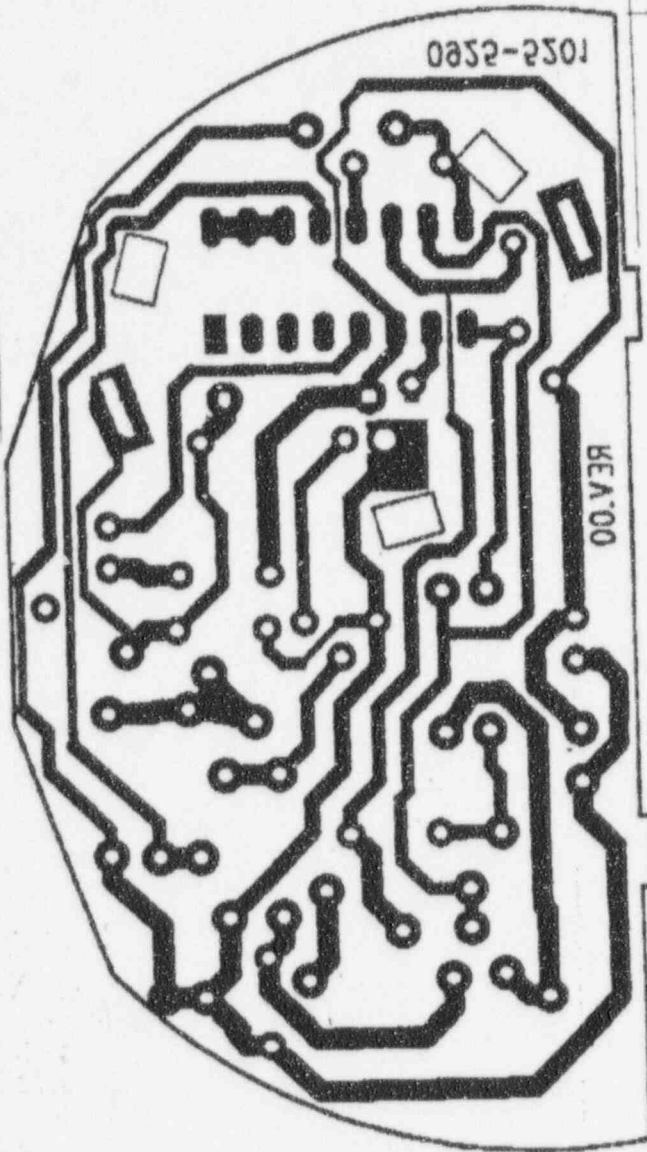
1.6mm THICKNESS ONE SIDE 1oz COPPER UL-94V0



7-25-95

46.5mm

0925-5201



REA.00

82.0mm

0925-5201 REV.00
MINIATURE S/D
SCALE 2:1
SOLDER SIDE
1.6mm THICKNESS ONE SIDE 1oz COPPER UL-94V0



7-25-95

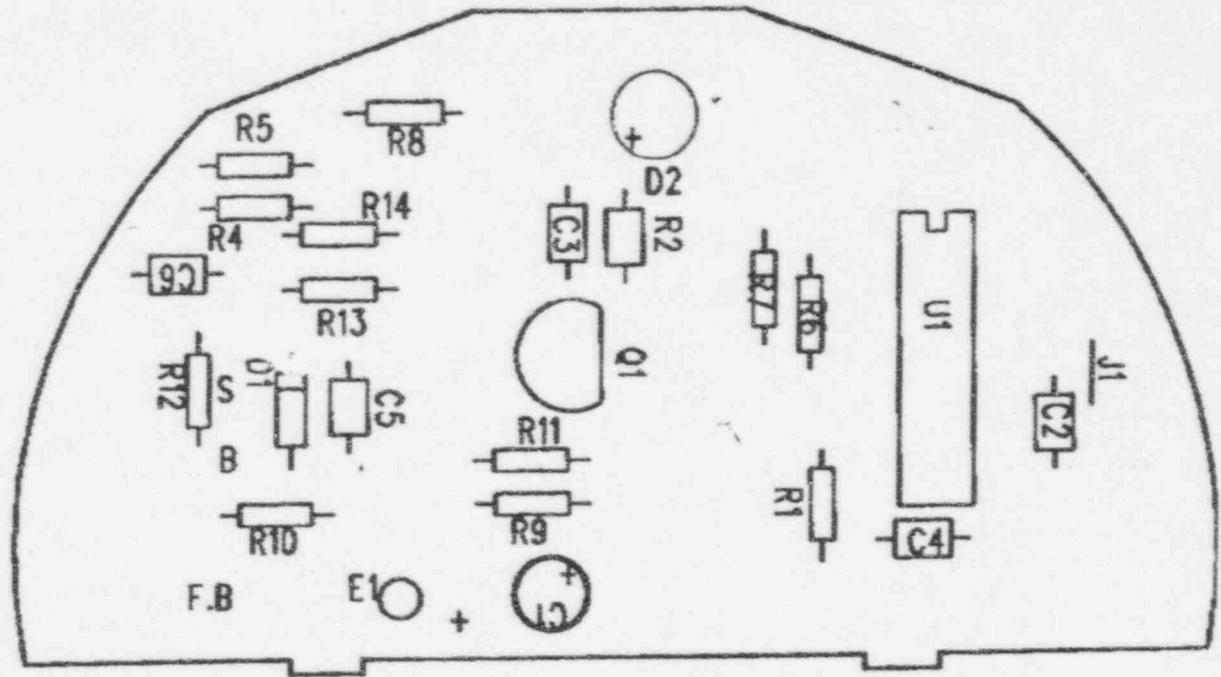
70922023

ATTN: LARRY ROZLOFF

FROM: CIVIL SERV

0922023

A77N: LARRY PATZLAFF
 FROM: CHANOWBY



7-25-95

REQUEST FOR A SEALED SOURCE OR
DEVICE EVALUATION

INSTRUCTIONS: Send this request AND a copy of all related letters/applications and drawings to: The Sealed Source Safety Section, ATTN: Chief, OWFN Mail Stop 6 H3. Change the License Tracking System milestone to 19 and assign to reviewer code I-5.
NOTE: Retain a copy of this request with the application and background files.

REQUESTER <i>S. Kimberley</i>		REGION/LOCATION: <input type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> IV <input type="checkbox"/> V <input checked="" type="checkbox"/> HQ <input type="checkbox"/> LFDCB	
TELEPHONE NUMBER	DATE <i>10/18/95</i>	TYPE OF ACTION REQUESTED (Check as appropriate)	
APPLICANT'S NAME <i>Fyrnetics, Inc.</i>		<input type="checkbox"/> SOURCE REVIEW <input checked="" type="checkbox"/> AMENDMENT OF REGISTRATION SHEET NUMBER(S)	
MAIL CONTROL NUMBER(S) <i>021785</i>		<input type="checkbox"/> DEVICE REVIEW	
LETTER/APPLICATION DATE <i>9/26/95</i>	LICENSE NUMBER(S) <i>12-16856-01E</i>	<input type="checkbox"/> CUSTOM REVIEW <i>NR 317-D-10/E</i>	
COMMENTS			

FOR SSSS USE ONLY		
REVIEWER	MODEL NUMBERS <i>041X</i>	NUMBER ASSIGNED <i>95-103</i>
DATE RECEIVED <i>10/24/95</i>	DATE ASSIGNED <i>11/1/96</i>	DATE TO FEES <i>10/23/95</i>

TYPE OF ACTION (Indicate the number of each type)			
<input checked="" type="checkbox"/> COMMERCIAL DISTRIBUTION (FORMAL)		<input type="checkbox"/> USE BY A SINGLE APPLICANT (CUSTOM)	
SOURCE (9C)	DEVICE (9A)	SOURCE (9D)	DEVICE (9B)
<input type="checkbox"/> NEW <input type="checkbox"/> AMENDMENT	<input type="checkbox"/> NEW <input checked="" type="checkbox"/> AMENDMENT	<input type="checkbox"/> NEW <input type="checkbox"/> AMENDMENT	<input type="checkbox"/> NEW <input type="checkbox"/> AMENDMENT
<input checked="" type="checkbox"/> NO SAFETY EVALUATION REQUIRED NO FEES REQUIRED		<input type="checkbox"/> LICENSING ACTION REQUIRED IF KNOWN	
<input type="checkbox"/> OTHER (Specify)		YES NO	

	TOTAL NUMBER OF REVIEW HOURS	NOTES
	NUMBER OF DEFICIENCY LETTERS	
	NUMBER OF DEFICIENCY CALLS	

FOR BILLING PURPOSES ONLY			
<input type="checkbox"/> NAME CHANGE	<input type="checkbox"/> ADDRESS CHANGE	<input type="checkbox"/> NEW REGISTRATION - ADD TO BILLING	<input type="checkbox"/> PRODUCT INACTIVE - REMOVE FROM BILLING

FOR FEE USE ONLY			
TYPE OF FEE	FEE CATEGORY <input type="checkbox"/> 9A <input type="checkbox"/> 9B <input type="checkbox"/> 9C <input type="checkbox"/> 9D		
AMOUNT RECEIVED	CHECK NUMBER	<input type="checkbox"/> MATANN UPDATED AS REQUIRED	
DATE OF CHECK	LOG <i>Oct 95 255 RD</i>	<input type="checkbox"/> MATSYS UPDATED AS REQUIRED	
APPROVED BY <i>Free Not Required (no Review)</i> <i>JK</i>	DATE RETURN <i>10/24/95</i>	DATE	
COMMENTS			