



April 18, 1985

Docket No: 030-03607  
License No: 04-0110001G  
Control No: 70153

Beth A. Riedlinger  
Health Physicist (Licensing)  
Nuclear Materials Safety Section  
Nuclear Regulatory Commission  
1450 Maria Lane, Suite 210  
Walnut Creek, California 94506

SUBJECT: LICENSE RENEWAL APPLICATION

Dear Ms. Riedlinger:

To assist you in evaluating our request to include NRD polonium foils in our license, we are enclosing the following supplements to our renewal application:

1. Drawing Number 84-36 of NRD foil P-001.
2. Copy to be included in instructions furnished with static eliminators containing NRD foil.

The proposed NRD foils will contain 250 microcuries of Po-210 each. We will use them as supplied by NRD in the various STATICMASTER Products as listed below:

<u>PRODUCT</u>	<u>FOIL PCS.</u>	<u>TOTAL ACTIVITY</u>
MODEL 1C200	1	250 $\mu$ ci
MODEL 1U200	1	250 $\mu$ ci
MODEL 1U400	2	500 $\mu$ ci
MODEL 3C500	2	500 $\mu$ ci
MODEL 2U500	2	500 $\mu$ ci
MODEL 3U400	2	500 $\mu$ ci
MODEL 5U500	2	500 $\mu$ ci

Products that we distribute containing 3M Model 7B8L sources will be in accordance with our application dated October 20, 1978, letter dated April 8, 1980, and attachments thereto.

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REG 5 LIC 30  
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MAIL ADDRESS: P.O. BOX 5178 • EL MONTE, CALIFORNIA 91734  
OFFICE AND PLANT: 2519 NO. MERCED AVE. • SO. EL MONTE, CALIFORNIA 91733  
TELEPHONES: LOS ANGELES (213) 283-2603 • LOCAL (213) 444-3852

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Beth A. Riedlinger, Health Physicist (Licensing)  
Nuclear Regulatory Commission

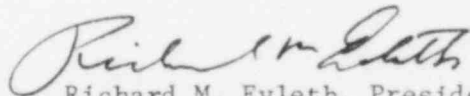
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No products containing NRD foils will be distributed until authorization is granted by the State of California to manufacture the static eliminators. Please advise if we should apply now for amendment of the California license, or wait until you have completed a review of our NRC application.

Sincerely,

NUCLEAR PRODUCTS COMPANY



Richard M. Evleth, President

RME/lh  
encls.

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STATICMASTER is distributed in accordance with the provisions of United States Nuclear Regulatory Commission License Number 04-01100-01, and is manufactured pursuant to California Radioactive Material License Number 0637-70. It complies with the manufacturing, testing, and labeling requirements of these licenses. This eliminates the requirement for a formal NRC or state license application by the user.

#### CAUTION

For your protection, Polonium 210 is sealed between a base of silver and a layer of gold. A final gold plating provides additional integrity. This results in a foil that is insoluble and inert in most materials. The foil is protected by a metal grid which prevents direct contact with the active surface. These protective procedures eliminate hazards to the user that could result if unsealed Po-210 was inhaled or taken into the body.

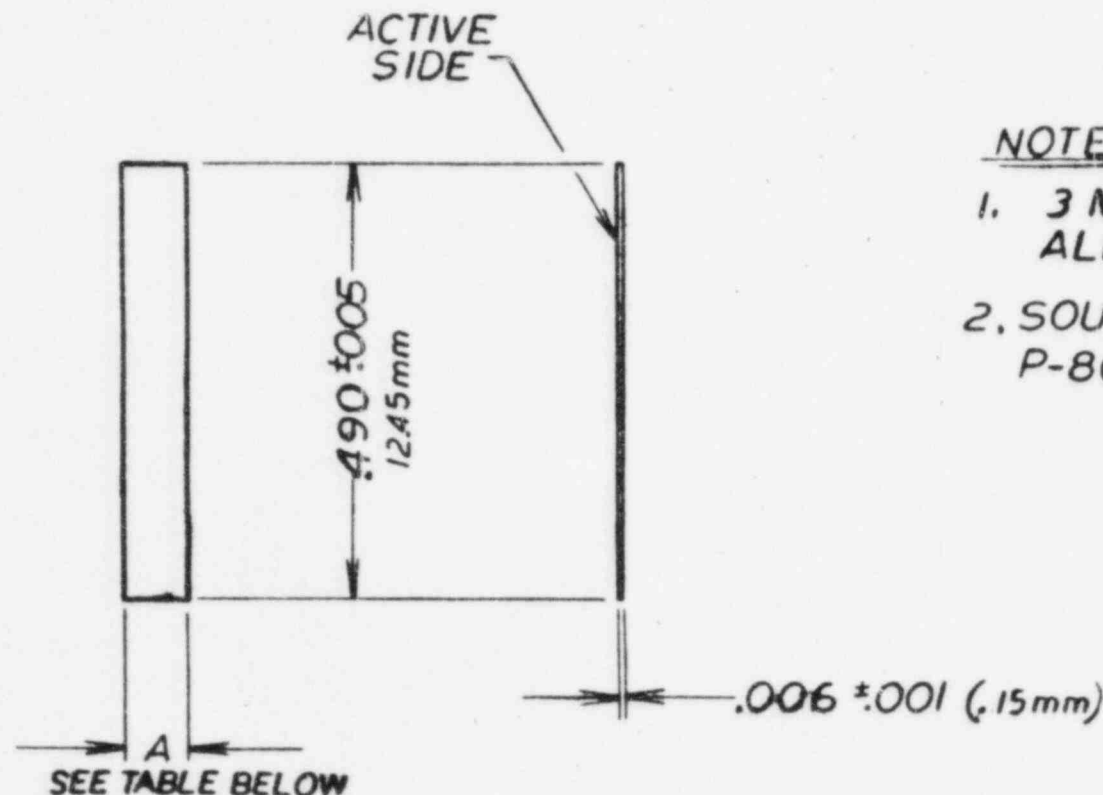
You should, however, be careful to observe the following precautions. Do not remove the protective grid or touch the metal foil under the grid. If the foil is accidentally handled, wash hands thoroughly before eating or smoking. Keep away from children or persons who are unable to observe these simple precautions.

When the STATICMASTER is no longer effective as a static neutralizer, most of the radioactivity will be decayed to a non-radioactive substance. However, the U.S. NRC requests that you DO NOT DISCARD THE OLD CARTRIDGE AS SCRAP. The old cartridge only (not the entire STATICMASTER) should be returned prepaid to the address below.

NUCLEAR PRODUCTS COMPANY  
2519 North Merced Avenue, South El Monte, CA 91733  
P.O. Box 5178, El Monte, CA 91734  
TELEPHONE (213) 283-2603 or (818) 444-3852

DATE	SYM	REVISION RECORD	AUTH.	DR.	C

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NOTES:

1. 3 MICRON GOLD PLATING ALL SURFACES
2. SOURCE MADE FROM P-8000 OR P4000 FOIL

**NUCLEAR RADIATION DEVELOPMENTS CORP.**

2937 ALT BOULEVARD

GRAND ISLAND, NEW YORK 14072

TOLERANCES (Except as Noted)	TITLE P-001 STRIP FOIL		
	MATERIAL & FINISH		SCALE 5/1
DECIMAL ±.005	DATE 12/31/84		DRAWN JES
FRACTIONAL	DRAWING NUMBER 84-36		APPROVED BY
±			
ANGULAR			
±			

250 $\mu$ CI.	130 3.30 mm	-2
250 $\mu$ CI.	065 1.65 mm	-1
CONTENT	WIDTH	NO.