

The Honorable Constance A. Morella
United States House of Representatives
Washington, D.C. 20515

April 19, 1995

Dear Congresswoman Morella:

In my previous letters to you dated March 7, 1994, and January 12, 1995, I committed to provide you a copy of the final report of an aerial radiation survey around Neutron Products, Inc. (NPI), Dickerson, Maryland. The survey was conducted by EG&G under contract to the Department of Energy as part of a joint NRC - State of Maryland inspection of the NPI facility in November 1993. We have now received the final report and I have enclosed a copy for you.

The final report confirms what was previously reported, that the survey disclosed no evidence of man-made radionuclide contamination in the area of the Muddy Branch sewer pumping station in Gaithersburg. In Dickerson, only an area centered directly over the NPI facility and extending outward about 300 meters (1000 feet), showed the presence of man-made radionuclides. The radiation spectrum was analyzed and the radionuclide was identified as Cobalt-60, the radionuclide used in the irradiators and in the source production operations conducted by NPI.

A condition of the NPI license requires periodic ground level surveys to be conducted for contamination of soil and water outside the facility within a radius of 1000 meters (3300 feet). The surveys must be capable of detecting 10 microrem above the background radiation level at a distance of one meter above the surface. Any contamination discovered must be removed to the facility for storage pending proper disposal.

Sincerely,

Original Signed by:

James M. Taylor
Executive Director
for Operations

Enclosure:

As stated

cc w/o encls: R. Fletcher, Administrator
Radiological Health Program
Maryland Department of the Environment

Distribution:

DIR RF (E-9696, E-9568)

DCD (SP01)

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OFFICE	DEDS	EDO		OCA				
NAME	HLThompson	JMTaylor		DRathbun				
DATE	04/18/95	04/18/95		04/19/95				

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PDR STPRG ESGMD
PDR

OSP FILE CODE: SP-AG-14

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Due to the radiation "glare" from the sources inside the facility, the presence of contamination within the 300 meter surrounding area could not be established or ruled out by the aerial survey.

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Executive Director
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NAME	DRathbun		HThompson	JTaylor		
DATE	03/ /95		03/ /95	03/ /95	03/ /95	



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

April 19, 1995

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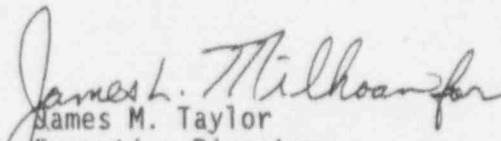
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A condition of the NPI license requires periodic ground level surveys to be conducted for contamination of soil and water outside the facility within a radius of 1000 meters (3300 feet). The surveys must be capable of detecting 10 microrem above the background radiation level at a distance of one meter above the surface. Any contamination discovered must be removed to the facility for storage pending proper disposal.

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The Honorable Paul S. Sarbanes
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