



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

July 17, 1996

Mr. Stephen D. Luftig, Director  
Office of Emergency and Remediation Response  
U.S. Environmental Protection Agency  
401 M Street, SW  
Washington, DC 20460

Dear Mr. Luftig:

This letter is to inform the U.S. Environmental Protection Agency (EPA) that the U.S. Nuclear Regulatory Commission is preparing to release land and buildings at the Frome Investment Company (Brooks & Perkins Corporation (BP)) facility located at 1950 West Fort Street, Detroit, Michigan, for unrestricted use. Frome Investment Company purchased the property in the late 1960s or early 1970s (the exact date cannot be determined).

The staff is providing this information to EPA in accordance with NRC policy published in its "Action Plan to Ensure Timely Cleanup of Site Decommissioning Management Plan Sites" (57 FR 13389), which states that NRC will inform EPA about specific decommissioning actions at Site Decommissioning Management Plan sites.

Atomic Energy Commission license STB-0362 authorized BP use of 15,000 pounds of thorium, as contained in 40 percent thorium master alloy, and thorium magnesium alloy containing not more than 3 percent thorium at sites in Detroit and Livonia, Michigan. The Livonia site is being addressed in a separate action. Authorized activities included rolling, melting, casting, forming, cutting, sanding, and welding manufactured products containing licensed source material.

Radiation surveys determined that thorium was present at the site in an open area outside the garage/warehouse facing West Fort Street. Radiation levels in this area were measured to be eight to ten times background. Soil samples collected in the area of elevated readings showed thorium concentrations of 9.8 picocuries per gram (pCi/g) (0.363 Becquerel), which is less than NRC's limit for unrestricted use. Thus, no remediation in this area was required. However, a magnesium thorium sheet metal fragment, in the form of a box, with dimensions of approximately 15 by 15 by 15 centimeters (6 by 6 by 6 inches) with surface exposure rates of 80 microrentgen per hour ( $\mu$ R/hr) was identified. Frome Investment Company contracted with Bionomics, Inc., to properly transfer and dispose of the fragment at the Barnwell, South Carolina, low-level radioactive waste disposal site. Bionomics removed the fragment from Frome Investment Company property on February 16, 1996. This site now meets NRC criteria for unrestricted use.

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B/H

S. Luftig

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July 17, 1996

The NRC project manager for this site is Mr. John T. Buckley. If you have any questions on this matter, please contact Mr. Buckley at 301-415-6607.

Sincerely,  
(Original signed by J. Greeves  
for)

Carl J. Paperiello, Director  
Office of Nuclear Material Safety  
and Safeguards

Docket No.:040-00235 (Terminated)  
License No.:STB-0362 (Terminated)

cc: Mr. Valdas Adamkus  
Administrator  
U.S. EPA, Region V  
77 West Jackson Boulevard  
Chicago, IL 60604

Mr. James Elder, Director  
Office of Ground Water  
and Drinking Water  
U.S. EPA  
401 M Street, SW  
Washington, DC 20460

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\*see previous concurrence  
cj/proofed/July 15, 1996

File Name: s:\dwm\lldp\jtb\luftig      CP/PROOFED/JULY 16, 1996

OFC	LLDP		LLDP		LLDP		LLDP		DWM*		NMSS	
NAME	JBuckley/wd/cv*		MHood*		TCJohnson*		MWeber*		MFederline		CPaperiello	
DATE	4/01/96		5/03/96		7/10/96		7/10/96		7/15/96		7/17/96	

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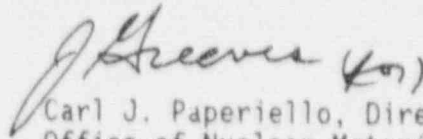
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NMSS r/f MBell LBell RNelson JMcCormick - Berger JScmeyer  
MFederline

\*see previous concurrence File Name: S:/DWM/LLDP/JTB/LUFTIG

OFC	LLDP		LLDP		LLDP		LLDP		DWM		NMSS
NAME	JBuckley/wd*		MHood*		TCJohnson*		MWeber <i>M</i>		MFederline <i>M</i>		CJPaperiello
DATE	4/1/96		5/3/96		7/10/96		7/10/96		7/15/96		1/196

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SS: YES  NO

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Central File DWM r/f RJohnson JAustin JHolonich  
NMSS r/f MBell LBell RNelson

\*see previous concurrence

OFC	LLDP	LLDP	LLDP	LLDP	DWM	NMSS
NAME	JBuckley/wd*	MHood <i>onch</i>	TCJohnson	MWeber	MFederline	CJPaperiello
DATE	1 / 96	5/13/96	7/10/96	1 / 96	1 / 96	1 / 96

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DATE	4/1/96	1/96	1/96	1/96	1/96	1/96

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