

**Department of Energy**

Oak Ridge Operations Office
P.O. Box 2001
Oak Ridge, Tennessee 37831—

FEB 24 1997

Mr. Robert Kresko
St. Louis Industrial Properties Limited #7
c/o Nooney Kromach Company
7701 Forsyth Blvd., Suite 700
St. Louis, MO 63105

Dear Mr. Kresko:

**COMPLETION OF REMEDIATION ACTIVITIES AT VICINITY PROPERTY #22 AT
9015 FROST AVENUE**


The Department of Energy (DOE) has completed cleanup of the radiologically contaminated portions of the property located at 9015 Frost Avenue in Berkeley, Missouri. Approximately 650 cubic yards of soil contaminated with thorium-230 was excavated from the property and shipped to a licensed disposal facility.

An independent verification contractor survey was conducted by the Oak Ridge Institute of Science and Energy and Education (ORISE), subsequent to the cleanup conducted on the property. Protocol of the Formerly Utilized Sites Remedial Action Program (FUSRAP), mandates an independent survey to ensure that the post remedial action status of the site meets the guidelines set forth in the DOE Order 5400.5. These approved guidelines have been determined to be protective of human health and the environment.

As shown on the enclosed table, all post remedial action soil samples collected for verification were below the site specific residual radioactivity criteria. Based on these results and the results of the IVC survey, all areas assessed within the property meet the guidelines established in DOE Order 5400.5 and the property is released without radiological restrictions. The Post Remedial Action Report detailing the remedial activities performed on this property and formally certifying that this property has been released without radiological restrictions will be published in the Fall of 1997.

As requested, this letter has been sent directly to the Nooney Kromach Company in your behalf. We greatly appreciate the cooperation during our cleanup activities. If you need additional guidance or have any concerns or questions regarding the cleanup of your property, please contact me at (314) 524-6429 or Bob Atkin at (423) 576-1826.

Sincerely,


E. R. Valdez
St. Louis Site Manager

Enclosure

Table 1

**Vicinity Property 22 (9015 Frost Avenue)
Post-Remedial Action Soil Samples (pCi/g)^a**

Grid	Sample ID Number	Thorium-230 (pCi/g)	Thorium-232 (pCi/g)	Radium-226 (pCi/g)	Uranium-238 (pCi/g)
1	VP-014	4.4	1.4	1.1	0.8
2	VP-016	2.2	1.5	1.4	2.2
3	VP-020	2.7	0.7	1.3	3.1
4	VP-022	4.1	1.3	1.3	2.8
5	VP-026	2.7	1.2	1.2	2.1
6	VP-030	4.7	1.3	1.4	0.8
7	VP-064	1.5	1.1	1.3	1.5
DOE Guideline		15.0 ^b	15.0 ^b	15.0 ^b	50.0 ^b

^aIncludes background levels for the St. Louis area.

^bAbove background.

00-2255

Formerly Utilized Sites Remedial Action Program (FUSRAP)

ADMINISTRATIVE RECORD

for the St. Louis Site, Missouri



Property
of
ST LOUIS FUSRAP LIBRARY

U.S. Department of Energy